

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 4**

**Responding Witness: Daniel K. Arbough**

- Q-4. Please provide complete copies of all credit reports issued by S&P, Moody's and Fitch Ratings that discuss the current regulated utility industry.
- A-4. See attached for copies of the S&P reports discussing the regulated utility industry. The Company does not have a subscription to access any Moody's or Fitch articles.



# Can U.S. Utilities Weather The Storm?

November 8, 2018

## Key Takeaways

- Climate change is challenging the utility industry's traditional risk management assumptions.
- Many of the most costly natural disasters have occurred over the past decade.
- While there are solutions to address climate change risks, each comes with their own possible risks to the utility industry, including financial, operational, and regulatory.
- S&P Global Ratings expects the utility industry in the U.S. and Canada to manage climate change risks through a combination of insuring a higher percentage of utility assets, system hardening, and improving regulatory mechanisms for cost recovery following a destructive weather event.

Effective enterprise risk management is a key factor for successful management teams. This complex endeavor requires sophisticated leaders with the skills to identify risks before they occur and take effective measures to diminish the impact of their destructive outcomes when they do. As our climate continues to change, effective management of weather-related risks is becoming more complex and ever more important, especially as it relates to the credit quality of regulated utilities in North America. Adverse weather events are forcing utilities to look at ways to protect their assets from natural disasters and maintain their investment-grade credit quality.

## The Risks And Costs Of Natural Disasters Are Intensifying

During the past year, the utility industry has unfortunately witnessed the manifestation of climate change risks firsthand. In 2017, the unyielding impacts of wildfires destroyed parts of California, hurricanes ripped through the eastern part of the U.S., and Hurricane Maria devastated Puerto Rico. There was little let up from these severe natural disasters and unpredictable weather patterns in 2018 that included Hurricanes Florence and Michael. Not only does the frequency of these disasters appear to be increasing, but their costs are rising. The natural disasters that have occurred over the past decade have wiped out billions of dollars of assets over a relatively short period. Without the appropriate regulatory compact and other risk mitigation, the financial aftermath of these events could be devastating to any individual utility, adding another layer of unpredictability that utilities must effectively manage.

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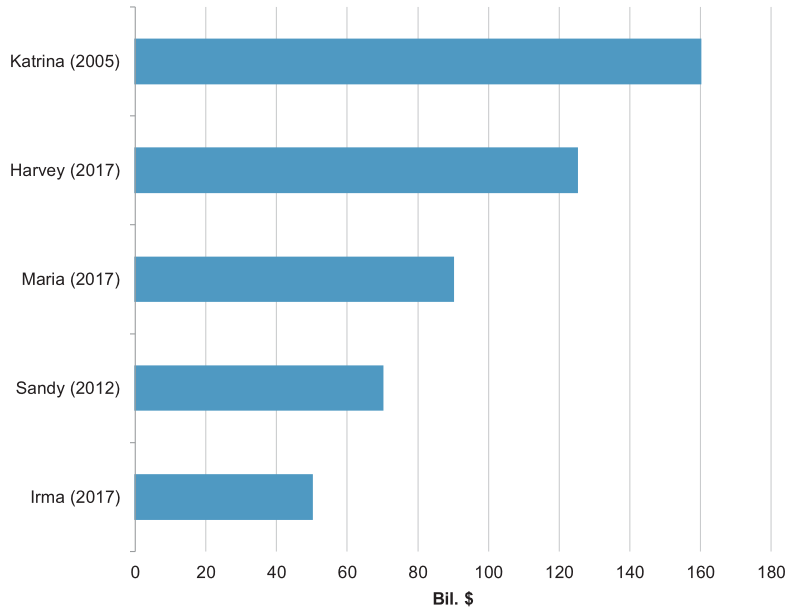
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Chart 1

**Hurricane Damage**  
(Bil. \$)

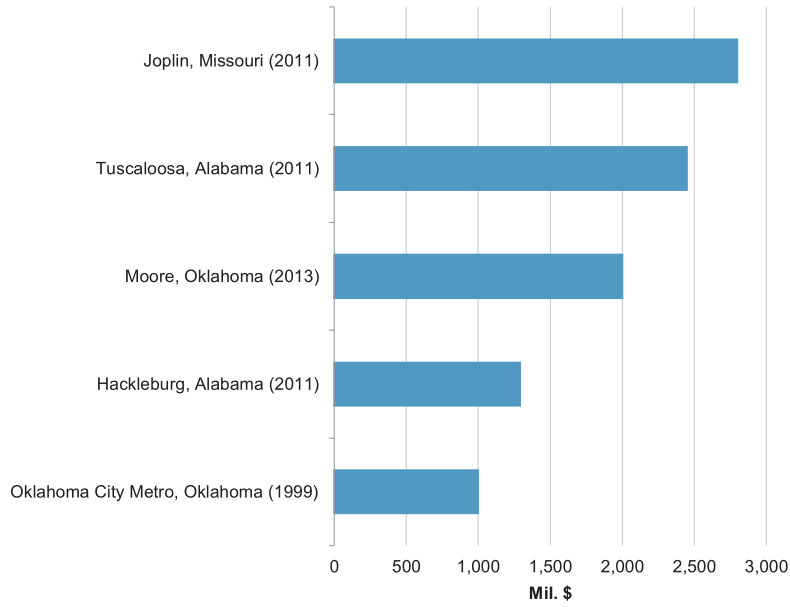


Source: National Hurricane Center (adjusted for inflation); S&P Global Ratings.  
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Chart 2

**Tornado Damage**  
(Mil. \$)



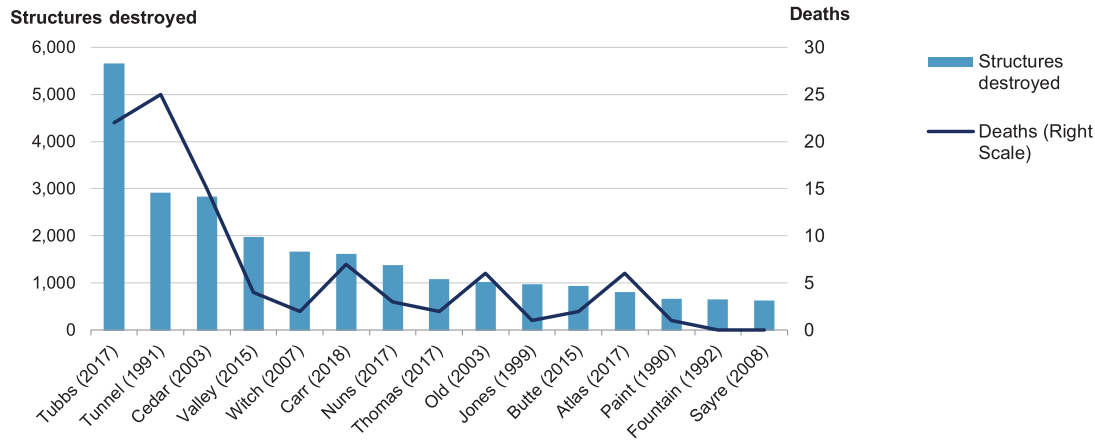
Source: National Hurricane Center; S&P Global Ratings.  
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**Can U.S. Utilities Weather The Storm?**

Chart 3

**Top 15 Most Destructive California Wildfires**



Sources: California Dept. of Forestry and Fire Prevention; S&P Global Ratings.  
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**Climate Change May Also Affect Operations**

Climate-change related risks not only affects a utility's financial stability but also potentially alters its operational effectiveness. Utilities have a long record of providing a reliable service at a reasonable cost. While reliability has always been the primary concern for the industry, climate change may be reshaping its priorities. For example, because of the California wildfires and the billions of dollars in property damages, utilities are now taking steps to reduce wildfire-related risks and even openly debating the possibility of de-energizing power lines in advance of a fire. In such cases, utilities would proactively turn off electricity to customers, decreasing reliability in an effort to potentially mitigate wildfire risks and related property damages. This demonstrates a major strategy shift for the utility industry, reflective of climate change's challenges.

**Financial Solutions To Climate Change Bring Their Own Risks**

While regulators generally allow utilities to recover prudently incurred costs from ratepayers, utilities are always cognizant of the effect rising costs have on customers' bills. As these bills increase, customers find it incrementally more difficult to pay, which often hampers a utility's ability to effectively manage regulatory risk. This predicament is a drawback in many of the financial solutions used to reduce weather-related risks, and if not well managed, may lead to unintended consequences. Utilities will have to proactively implement solutions that reduce the financial risks of climate change, which often entails reducing operating costs to negate a sudden rise in customer bills. This strategy, while easier said than done, enables utilities to effectively manage regulatory risk, prevent out-of-the-blue rises in customers' bills, and continue to mitigate unknown risks associated with climate change.

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## **Possible Avenues For Managing Climate Change**

We think the industry is adopting a multifaceted approach to climate change risk reduction. Each strategy is not foolproof and has its own risks that could lead to unintended consequences. We also believe that companies may move with varying degrees of urgency, resulting in some companies being more prepared for weather-related calamities than others. We generally expect that the industry will focus its strategies on insurance, infrastructure investments, and managing regulatory risk.

### **Insurance**

When purchasing insurance to protect their assets, utilities must balance the level of insurance against the cost to the ratepayer. The higher level of insurance purchased, the more protected the utility may be from climate change and related natural disasters. Yet that increased cost would eventually be reflected on customers' bills. While the industry has always had to balance these conflicting risks, the pendulum may be swinging toward retaining a higher level of insurance because of more frequent and destructive weather-related events. The "one-in-100-year" storm or wildfire has become a more commonplace occurrence and insurance decisions simply based on past performance may not be indicative of today's environment.

A key risk to this strategy is that a higher level of insurance protection generally lends to higher costs, which would increase customers' bills. Another consideration is that when a natural disaster strikes, insurance premiums materially increase and generally become less available. Thus, when a utility is most desperate to protect its assets, the insurance product becomes most prohibitive or even unavailable. We have seen this recently in California, where some utilities' insurance premiums have exponentially increased and others are limited by the amount of insurance coverage that they can purchase. To offset some of these risks, utilities are assessing other financial products, including catastrophic bonds and weather derivative bonds. These innovative solutions, although generally expensive, may reduce a utility's exposure to climate change risks.

Similar to wildfires, more and more utilities are susceptible to hurricanes. Recent hurricanes wreaked havoc on customers and utilities in the Carolinas, Georgia, and Florida, and other East Coast states remain exposed to rising hurricane risks. As climate change continues to take hold, these states may need to address similar risks, including limits of the insurance protection that can be purchased and the possibility of exponentially higher insurance premiums.

### **Infrastructure investments**

A possible long-term strategy to reducing some of these risks includes technology investments and system hardening. In California, San Diego Gas & Electric Co. has installed multiple weather stations and cameras around its service territory for early detection of wildfires. This technology has already identified wildfires in their early stages, possibly saving billions in property damages. In Florida, for example, utilities have been hardening, or strengthening, their electricity system for years. This was one of the key reasons that following Hurricane Irma in 2017, Florida utilities were able to restore service in days rather than the months of restoration efforts necessary in Puerto Rico.

A risk to this strategy is that system hardening increases the customer bill and utilities would need to identify other cost savings to avoid significant rise in customers' bills. Furthermore,

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system hardening generally requires some degree of consumer education because there is generally some disconnect to the ratepayer between its costs and benefits. A customer's benefit from system hardening is generally not self-evident and could take years to be realized, while the higher costs are immediately seen on the bill. Lastly, system hardening is a long-term strategy that could require much customer patience, which is usually in short supply. As system hardening is implemented, the customer is paying more but a catastrophic event may strike a part of the service territory that has not yet been upgraded. In this instance, the customer would only see higher bills and no benefit from the partially hardened system. Both San Diego Gas & Electric Co. and the Florida utilities had the benefit of implementing their enhanced technologies and system hardening for over a decade prior to the recent weather-related events. Other utilities that are just starting this process may not be as lucky.

**Managing regulatory risk**

Effectively managing regulatory risk is another key avenue for utilities to reduce climate change-related risks. Many utility management teams have successfully collaborated with their legislators and commissioners to implement various storm recovery mechanisms that can be used in the event of weather damage in the jurisdiction. These mechanisms include securitization, storm recovery riders, and reserve accounts. Other jurisdictions have made use of a general disaster fund that can be used to pay for costs incurred as a result of severe weather.

Many states have a strong record of implementing riders and recovering costs in a timely fashion to protect credit quality. In Florida, the susceptibility to multiple hurricanes in the same hurricane season can place abnormal strains on liquidity and financial performance. Proactively, Florida utilities and policymakers developed strategies over time to manage these unique risks and to protect the utilities' credit quality. More specifically, these utilities can petition for the recovery of storm costs without being subject to an earnings test and the state has allowed for the securitization of these costs, mitigating the rate impact of such costs on the customer. These credit-supportive measures in Florida have reduced credit risk by shielding fixed income investors from the financial risk of unpredictable weather conditions. We've also seen utilities work with regulators to reduce risk by lowering the threshold when recovery mechanisms can take effect. For example, Eversource Energy's utilities continue to work with their regulators to reduce the minimum threshold when storm costs can be deferred. These situations contrast to the regulatory difficulties that we have more recently seen in California stemming from the wildfires. Since the 2017 California wildfires, we have lowered our ratings on PG&E Corp. two notches and now maintain a negative ratings outlook for all of the large investor-owned California utilities.

The risk to this strategy is that any regulatory mechanism used to recover costs from the customer leads to a higher bill. While Florida's utilities recently demonstrated effective management of regulatory risk by offsetting the higher cost from Hurricane Irma with tax reform, we view this creative approach as a one-off that cannot be consistently duplicated. Another risk to this strategy is that effective management of regulatory risk is not something that can just be turned on when there is a natural disaster, but often requires many small steps and years of negotiating to arrive at the desired result. Many utilities have done an outstanding job of effectively managing regulatory risk but those that are lagging will likely need years to catch-up.

**Storm Recovery Mechanisms Utilized**

	--Storm cost--		
	Rider recovery	Reserve account	Securitization
Alabama	x	x	

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**Storm Recovery Mechanisms Utilized (cont.)**

	--Storm cost--		
	Rider recovery	Reserve account	Securitization
Arkansas		x	x
California		x	
Connecticut	x		
Florida	x	x	x
Kentucky	x		
Louisiana		x	x
New Orleans	x	x	x
Maine	x		
Mississippi	x	x	x
Missouri	x		
New Hampshire	x	x	
North Carolina		x	
Ohio	x		
Oklahoma	x		
Oregon		x	
Pennsylvania	x		
Rhode Island		x	
Tennessee	x		
Texas	x	x	x

Sources: Company filings; S&P Global Market Intelligence; S&P Global Ratings.

**Changing Strategies For A Changing Climate**

As a whole, we expect utility industry leaders will take prudent steps to identify climate-related risks in advance of their occurrence and take effective measures to reduce these risks. For climate change, the industry will use various financial, operational, and regulatory means to reduce risk, yet, each strategy is not without its own risks and possible unintended consequences. We also believe that companies will move with various levels of urgency to address these concerns which will continue to have implications for our business risk assessments. While we will continue to monitor climate change developments and company-specific actions to reduce risk, we expect that the industry as a whole will remain vigilant to these rising risks and find an equilibrium that protects credit quality.

**Related Research**

- Industry Top Trends 2019: North America Regulated Utilities, Nov. 8, 2018
- Untapped Potential: How The Green Economy Is Broadening, Nov. 5, 2018
- Next Generation: How California's 100% Renewable Power Mandate Affects Markets, Oct.

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- S&P Global Ratings Publishes Proposal For Environmental, Social, And Governance Evaluations, Sept. 24, 2018
- The Rise Of ESG In Fixed Income, Sept. 10, 2018
- How Our Green Evaluations Align With The Green Bond Principles, April 16, 2018

This report does not constitute a rating action.

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# Can Nuclear Regain Momentum In The U.S. Without Jeopardizing Credit Quality For Regulated Utilities?

November 6, 2018

## Key Takeaways

- In the U.S., new nuclear power generation has shown some signs of a comeback, with the Tennessee Valley Authority (TVA)'s Watts Bar Unit 2 achieving commercial operation in 2016.
- The China experience with nuclear power project Sanmen Unit 1, which achieved first criticality in 2018, suggests that the Vogtle Units 3 and 4 could achieve a similar feat in the future.
- As case studies from SCANA Corp and Southern Co. show, key credit risks related to building nuclear power plants remain, although some are more immediate than others.
- A track record of equity issuance has supported credit quality in the past. Can this track record continue?
- As the U.S. nuclear focus shifts to Vogtle, maintaining credit quality may ultimately depend on several key factors, including financial flexibility, project execution, and strong regulatory support.

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In 2018, approximately 8,000 miles away from U.S. shores, China's National Nuclear Corp. (CNNC) announced that Sanmen Unit 1 reached 100% power, having achieved first criticality, or a sustained chain reaction, in June. Sanmen Unit 1 is scheduled to enter commercial operation by the end of 2018. In the U.S, Southern Co. subsidiary Georgia Power Co. (GPC) recently voted with its partners to continue building the Vogtle Units 3 and 4, after announced cost overruns. Both the Vogtle and Sanmen nuclear units employ the same Westinghouse AP1000 nuclear technology. As independent arbiters of credit risk, S&P Global Ratings continues to observe progress on the new-build of nuclear power generation. In the U.S., despite the high-profile setbacks, new nuclear power generation has shown signs of life. First came Watts Bar Unit 2, the Tennessee Valley Authority (TVA) owned nuclear power plant, which achieved commercial operation in 2016. The next nuclear power plant in waiting is the Alvin Vogtle Nuclear Units 3 and 4 in Georgia. Given the experience in China, and with the construction of Vogtle Units 3 and 4 about 55% complete, the potential that Vogtle could also attain commercial operation collectively suggests the possibility of some new momentum for nuclear in the U.S. But can such a revival turn into a trend, and can credit quality for the utilities be preserved at the same time? Possibly, but for U.S. regulated

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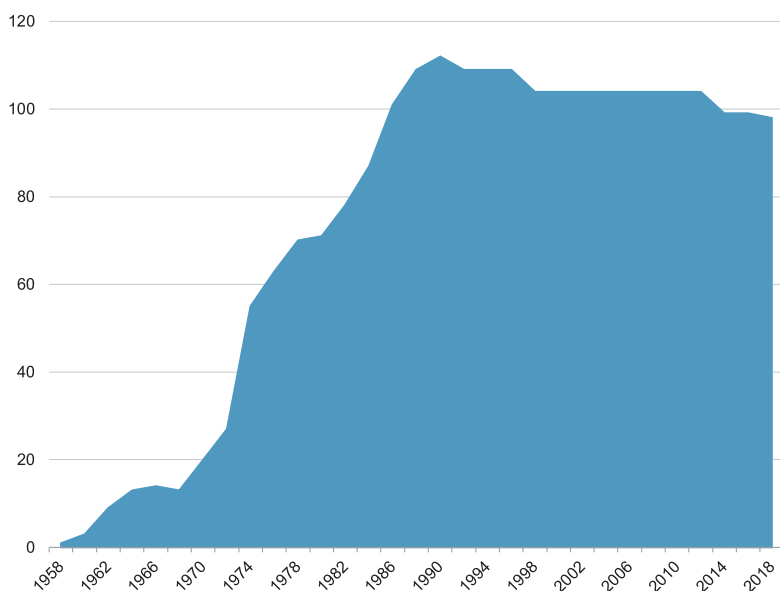
electric utilities, the answer depends on several factors, including financial flexibility, project execution, and strong regulatory support.

**The Current State Of U.S Nuclear Power Generation**

There are currently 98 nuclear generating power stations across the U.S. Of this total, slightly more than half (53) are utility plants. Meaning, they are either part of a regulated, investor-owned utility's rate base or are operated by a public utility.

Chart 1

**U.S. Nuclear Power Generating Units 1958-2018**



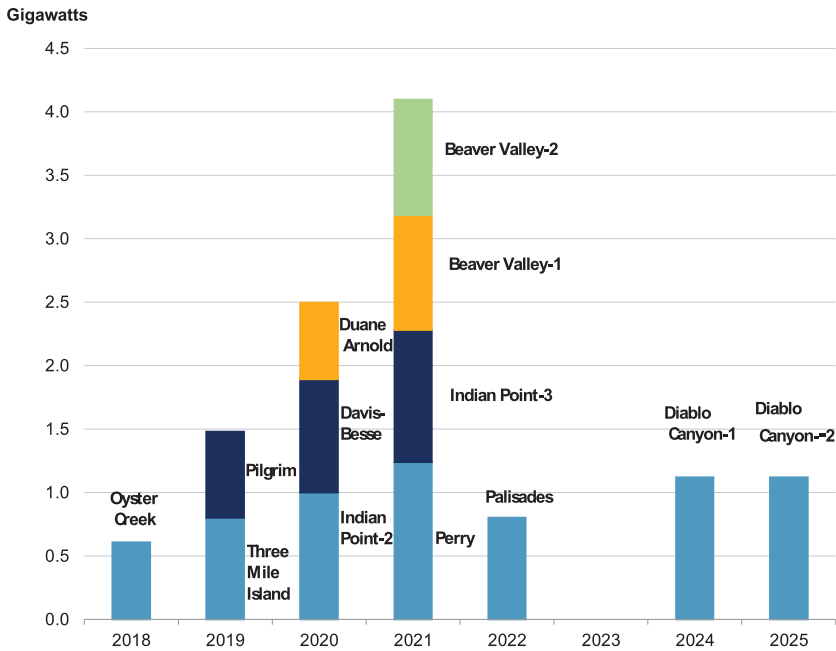
Sources: S&P Global Ratings; U.S. Energy Information Administration (EIA).  
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Chart 2

**Announced Nuclear Reactor Retirement Generation Capacity (2018-2025)**



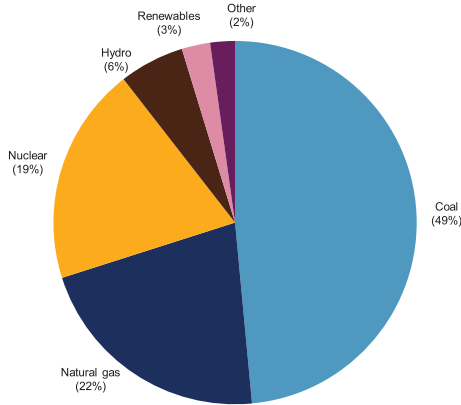
Oyster Creek closed in Sept. 2018. Sources: S&P Global Ratings; U.S. Energy Information Administration (EIA). Copyright © 2018 by Standard & Poor's Financial Services LLC. All rights reserved.

U.S. nuclear generation peaked around 1990, and gradually declined, leveling off beginning in 1998 before taking another dip in 2013 (see chart 1). Since then some nuclear plant operators have announced plans to close, largely owing to their exposure to market prices, making them uneconomic. These announced closures are mostly confined to merchant-owned nuclear plants (see chart 2). Diablo Canyon is unique in the sense that its expected closure is indicative of a transformational trend of investor-owned utilities in California becoming more transmission and distribution (T&D)-like, and less vertically integrated. In our view, regulated nuclear plants are unlikely to close prematurely considering the long-lived nature of the assets, and because they are less vulnerable to market prices. In the U.S., nuclear power generation represents about 20% of the overall generation mix, close to where it was about 10 years ago (see charts 3 and 4)

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Chart 3

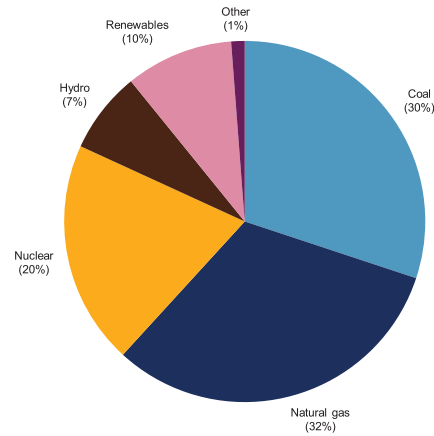
**2007 Generation Mix**



Sources: S&P Global Ratings; U.S. Energy Information Administration (EIA).  
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Chart 4

**2017 Generation Mix**



Source: S&P Global Ratings; U.S. Energy Information Administration (EIA).

**The Fallout For SCANA Persists...**

It's been over a year since SCANA Corp. subsidiary South Carolina Electric & Gas Co. (SCE&G) announced that the construction of the nuclear plants V.C. Summer Units 2 and 3 would be stopped, after its partner, the South Carolina Public Service Authority (Santee Cooper) decided to withdraw from the nuclear project. The fallout that ensued resulted in adverse regulatory developments, which weakened the company's business risk profile, including concerns that the Base Load Review Act (BLRA) would be repealed or amended. On Sept. 29, 2017, we downgraded SCANA and its subsidiaries one notch to 'BBB', and placed these entities on CreditWatch with negative implications. Continuing the ongoing fallout, and after overriding Gov. Henry McMaster's veto, the South Carolina General Assembly enacted House Bill 4375 in the summer of 2018, which required the utility to lower rates by 15% or about \$31 million per month related to the abandoned nuclear construction project. The rate reduction was retroactive to April 2018. SCE&G subsequently filed a lawsuit in the U.S. District Court in South Carolina in Columbia (Court), challenging the constitutionality of the new law, and requesting that the Court issue an injunction prohibiting the South Carolina Public Service Commission (SCPSC) from implementing the new law. However, in August 2018, SCE&G's request for a preliminary injunction to halt an experimental rate reduction was denied. We downgraded SCANA another notch to 'BBB-' and we maintained the ratings on CreditWatch with negative implications as a result pending the conclusion of the Summer abandonment proceeding.

**...While Southern Co. Forges Ahead**

Southern Co. subsidiary Georgia Power Co. recently voted with its partners to continue building the Vogtle nuclear Units 3 and 4 despite Georgia Power's earlier announcement that its share for the total nuclear construction estimate now exceeds \$2 billion. Georgia Power is a majority owner (45.7%) of the Vogtle nuclear plants, along with Oglethorpe Power Corp. (30%), Municipal Electric

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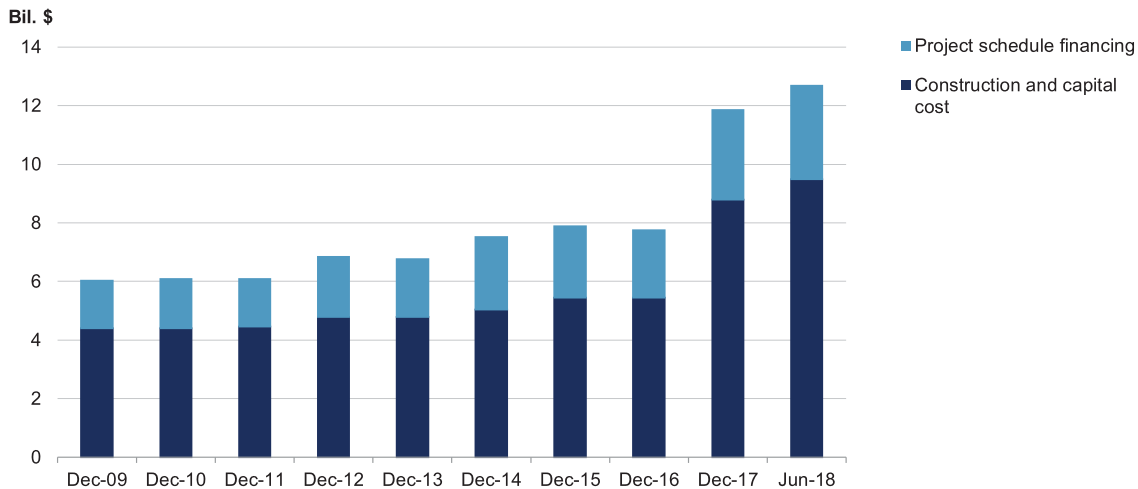
Authority of Georgia (22.7%), and The City of Dalton, Georgia (1.6%). The decision to continue construction included key amendments to the existing agreements among the co-owners that we viewed as effectively mitigating key risks that otherwise could have derailed the plant's progress. We affirmed our 'A-' ratings on Southern Co. and its subsidiaries and removed the ratings from CreditWatch with negative implications following this development. The outlook on Southern Co. and its subsidiaries (except Gulf Power Co.) is negative. Our affirmation in part reflects broad-based political and regulatory support for the nuclear construction project to continue, including from the Department of Energy (DOE), which recently signaled that an additional \$3.7 billion in federal loan guarantees will be made available for Vogtle Units 3 and 4 if the project moves forward.

**Key Credit Risks Remain For Both SCANA And Southern Co.**

For both SCANA and Southern Co., key credit risks remain, although how soon they will need to be faced varies. For SCANA, our credit concerns stem from ongoing uncertainty regarding cost recovery of the abandoned V.C. Summer nuclear construction project, which could result in lower ratings if credit metrics weaken further, particularly if the temporary rate cuts become permanent or if other adverse regulatory developments occur. In contrast, our ratings on Southern Co. take into consideration longer-term risks. In particular, the company's cost estimate assumptions, a potential change to the project's scope, missed productivity targets, and the potential that attempts to attract and retain skilled workers may fall short could collectively result in additional material cost overruns (see chart 5).

Chart 5

**Georgia Power Co.'s Cost Projections For Vogtle Units 3 And 4**



Construction and capital costs exclude Toshiba Parent guarantee of about \$1.5 billion as of December 2017.  
 Sources: S&P Global Ratings; S&P Global Market Intelligence.  
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The potential for additional cost overruns heightens the risk of an eventual disallowance when the

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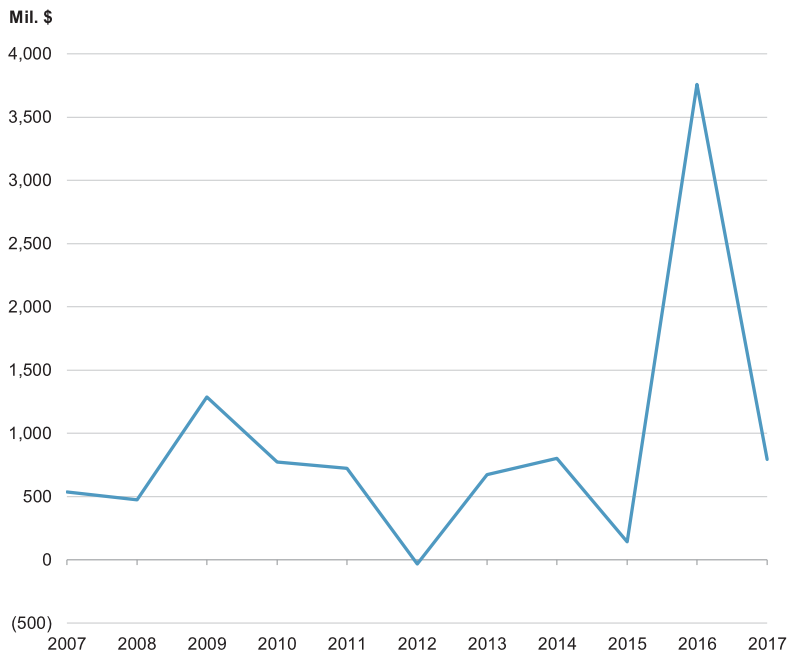
projects get placed into service since Georgia Power continues to retain the burden of proof on prudence for all capital costs above \$5.68 billion.

**Equity Issuance Has Supported Credit Quality In The Past**

Equity issuance has supported credit quality in recent years. In Southern's case, the company has demonstrated its ability to issue equity over the years. With the exception of 2012, and 2015, the company's net equity issuance averaged approximately \$900 million from 2007 through 2017 (chart 6), peaking at close to \$3.8 billion in 2016. In addition, recent transactions, such as the announced sale of Gulf Power Co. to NextEra Energy Inc. for about \$6.5 billion, and the \$1.7 billion sale of Elizabethtown Gas Co. and Elkton Gas Co. to South Jersey Industries, suggest that Southern may also look to sell assets to preserve credit quality going forward.

Chart 6

**Southern Co.'s Net Equity Issuance 2007-2017**



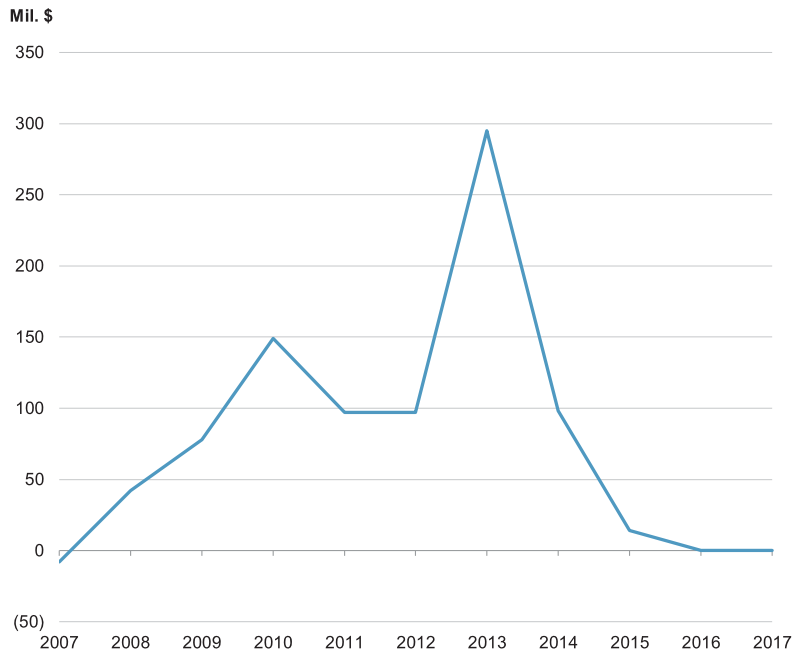
Sources: S&P Global Ratings; S&P Global Market Intelligence.  
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In contrast, SCANA's net equity issuance for the past 10 years averaged at close to \$80 million annually, peaking in 2013 at approximately \$300 million (chart 7). What additional measures SCANA may take to preserve its credit quality as it navigates the challenging regulatory landscape in South Carolina remains to be seen. SCANA is also currently under a pending merger agreement with Dominion Energy Resources Inc.

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Chart 7

SCANA Corp.'s Net Equity Issuance 2007-2017



Sources: S&P Global Ratings; S&P Global Market Intelligence.  
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**For Some Nuclear Plant Operators, Zero Emission Credits Are Favorable For Credit Quality**

In May 2018, New Jersey Gov. Phil Murphy signed legislation that established a Zero Emissions Credit (ZEC) program. This program provides compensation to nuclear plants that meet certain requirements, including demonstrating that they do not emit greenhouse gases, and that their revenues are insufficient to cover their costs and risk. Similar programs are already in effect in Illinois and New York, where legal challenges to the ZEC programs were recently dismissed by Federal Courts of Appeal in both states. We view such programs as favorable for credit quality because of the greater cash flow stability they provide. For U.S. regulated utilities, the biggest beneficiaries of the ZEC programs thus far are Public Service Enterprise Group Inc. and Exelon Corp., utility holding companies that own both pure-play regulated utilities and merchant power plants. While these programs may not usher in a renaissance for nuclear power, they do underscore a public policy commitment to lowering carbon emissions from power generation, and nuclear power is contributing to that objective.

**Can Nuclear Regain Momentum In The U.S. Without Jeopardizing Credit Quality For Regulated Utilities?**

## **In The End, Financial Flexibility, Project Execution, And Strong Regulatory Support Are Essential**

Can a U.S. nuclear power continue to gain momentum without jeopardizing credit quality for the utilities? For the first part to this question, we posit yes, given TVA's experience, nuclear power developments in China, and recent public policy support for existing plants. The second part to this question is trickier, and may take some time to fully assess. For U.S regulated electric utilities, maintaining credit quality may ultimately depend on several key factors, including financial flexibility, project execution, and strong regulatory support. With the abandonment of the V.C. Summer nuclear power project, the focus now shifts to Vogtle Units 3 and 4, expected to come on-line in November 2021, and 2022, respectively. Successful execution on these units may start to diminish the memory of the myriad of challenges faced by recent plant developers.

## **Related Criteria And Research**

### **Related Research**

- Southern Co. And Subsidiaries Ratings Affirmed, Taken Off Watch Negative Following Vogtle Decision; Outlook Negative, Sept. 28, 2018
- Southern Co. And Subsidiaries Ratings Placed On CreditWatch Negative, Aug. 10, 2018
- SCANA Corp. And Subsidiaries Downgraded To 'BBB-' After Court Rejects Company's Request; CreditWatch Negative Maintained, Aug. 9, 2018
- SCANA Corp. And Subsidiaries Downgraded To 'BBB' On Adverse Regulatory Developments And Placed On Watch Negative, Sept. 29, 2017
- Nuclear Power And U.S. Utilities--A Half-Life Of 17 Years? Sept. 22, 2017
- SCANA Corp. And Subsidiaries Outlook To Developing On Plan To Abandon Construction Of Nuclear Plants; Ratings Affirmed, Aug. 3, 2017

This report does not constitute a rating action.

**Can Nuclear Regain Momentum In The U.S. Without Jeopardizing Credit Quality For Regulated Utilities?**

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# U.S. And Canadian Regulatory Jurisdictions Continue To Bolster Utilities' Credit Quality

October 30, 2018

## Key Takeaways

- S&P Global Ratings periodically provides its assessment of each regulatory jurisdiction in the U.S. and Canada that has the presence of a rated utility, or operations of a rated entity.
- These assessments—categories from "credit supportive" to "most credit supportive"—provide information for reference in determining the regulatory risk of a regulated utility or holding company with more than one utility.
- We base our analysis on quantitative and qualitative factors, focusing on regulatory stability, tariff-setting procedures and design, financial stability, and regulatory independence and insulation.
- To one degree or another, utility regulation sustains credit quality when compared with the rest of corporate and infrastructure ratings.

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We conduct periodic assessments of each regulatory jurisdiction in the U.S. and Canada that has the presence of a rated utility, or operations of a rated entity to provide analysts with information for reference in determining the regulatory advantage, or regulatory risk of utilities. Regulatory advantage is a heavily weighted factor in our analysis of a regulated utility's business risk profile. Our analysis covers quantitative and qualitative factors, focusing on regulatory stability, tariff-setting procedures and design, financial stability, and regulatory independence and insulation.

## Sorting Through Regulatory Jurisdictions In The U.S. And Canada

We've updated our assessments of regulatory jurisdictions since our commentary "U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others," published June 25, 2018. We've noted limited change in the U.S. jurisdictions' approaches to regulation over the past months, and our assessments of the Canadian provinces have stayed the same. Below we provide our current snapshot view of each regulatory jurisdiction in the U.S. and Canada (see the table listing the jurisdictions alphabetically within each category, and the maps of the U.S. and Canada indicating our updated assessments of regulatory jurisdictions). We



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group the jurisdictions based on quantitative and qualitative factors, focusing on regulatory stability, tariff-setting procedures and design, financial stability, and regulatory independence and insulation and the collective opinions expressed in the regulatory advantage determinations made in rating committees for approximately 225 U.S. and 30 Canadian utilities we rate.

The category titles indicate one other important point regarding utility regulation and its effect on ratings. For the purposes of this commentary, we denote all categories as "credit supportive". To one degree or another, all utility regulation sustains credit quality when compared with the rest of corporate and infrastructure ratings at S&P Global Ratings. The presence of regulators, no matter where in the spectrum of our assessments, reduces business risk and generally supports utility ratings. For these jurisdictions, we describe all of them in a range from "credit supportive" to "most credit supportive" and these designations vary only in degree rather than in kind. The table and maps below show our current assessments of regulatory jurisdictions.

**Assessing U.S. And Canadian Regulatory Jurisdictions**

**Regulatory Jurisdictions For Utilities Among U.S. States And Canadian Provinces**

Credit supportive	More credit supportive	Very credit supportive	Highly credit supportive	Most credit supportive
Hawaii	Arizona	Alaska	Arkansas	Alabama
Mississippi	California	Connecticut*	Georgia	Alberta
New Mexico	District of Columbia	Delaware	Indiana	British Columbia
Prince Edward Island	Maryland	Idaho	Kansas	Colorado
	Montana	Illinois	Louisiana	FERC (Electric)
	New Jersey	Missouri	Maine	Florida
	Oklahoma	Nebraska	Massachusetts	Iowa
	South Carolina	Nevada§	Minnesota	Kentucky
	Washington	New Orleans	New Hampshire	Michigan
		New York	Newfoundland & Labrador	North Carolina
		Ohio	North Dakota	Nova Scotia
		Rhode Island	Oregon	Ontario
		South Dakota	Pennsylvania	Quebec
		Texas	Tennessee	Wisconsin
		Vermont§	Texas RRC	
		West Virginia	Utah	
			Virginia	
			Wyoming	

\*Assessment raised. §Assessment lowered. Source: S&P Global Ratings.

**Mapping the regulatory jurisdictions**

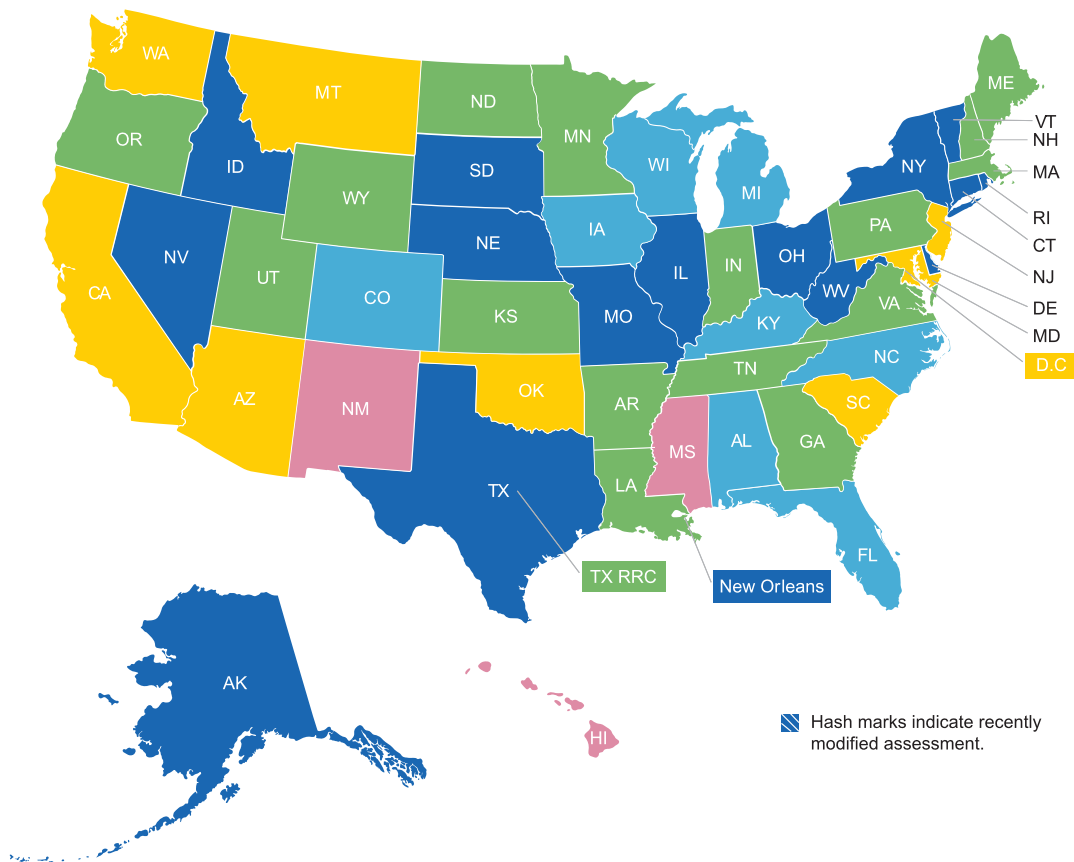
For jurisdictions assessed in the maps below, we have delineated the degree of credit support using light blue as "most credit supportive" and pink as "credit supportive" with various colors

**U.S. And Canadian Regulatory Jurisdictions Continue To Bolster Utilities' Credit Quality**

used to delineate credit supportiveness between these categories. (We currently don't have assessments on some of the Canadian provinces.) The different assessments offer some granularity in our thinking about these jurisdictions' approach to regulation. Sometimes it will be due to developments such as the weakening trends in the regulatory jurisdictions of Nevada and Vermont. Other times it will be from strengthening trends such as the regulatory jurisdiction of Connecticut. Often it simply designates a stable jurisdiction that is slightly better or worse than its closest peers from a credit-quality perspective.

**S&P Global Ratings U.S. Utility Regulatory Assessments**

■ Credit supportive    
 ■ More credit supportive    
 ■ Very credit supportive    
 ■ Highly credit supportive    
 ■ Most credit supportive

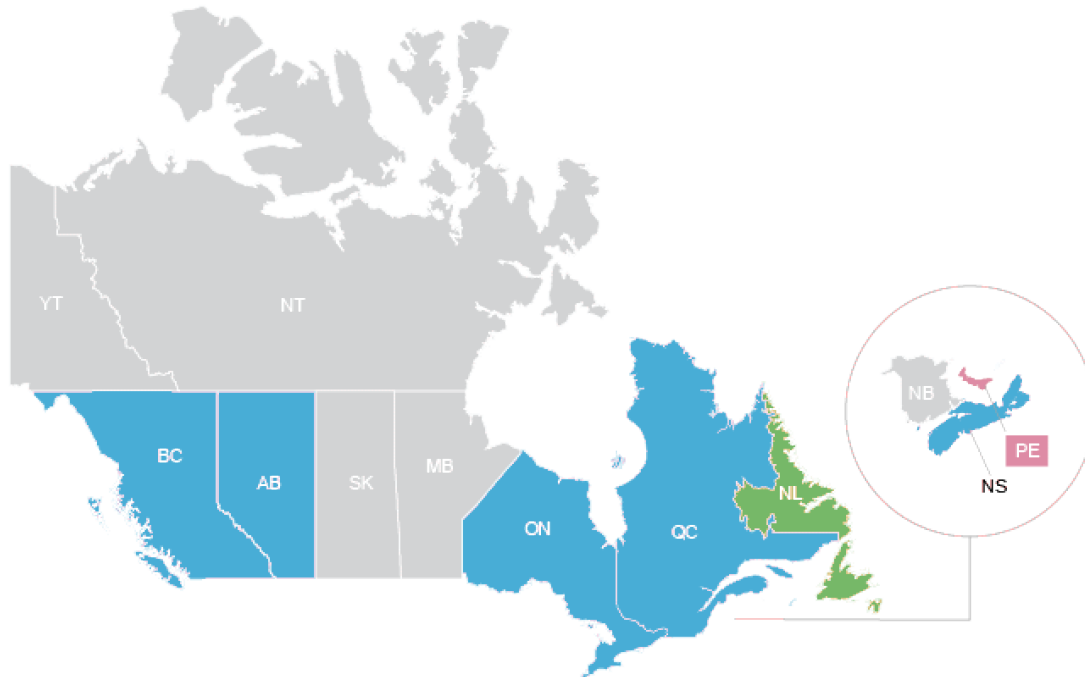


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U.S. And Canadian Regulatory Jurisdictions Continue To Bolster Utilities' Credit Quality

**S&P Global Ratings Canadian Utility Regulatory Assessments**

■ Credit supportive ■ Highly credit supportive ■ Most credit supportive ■ Not assessed



As of October 2018. Note: currently there are no jurisdictions considered in the "more credit supportive" or "very credit supportive" categories. Source: S&P Global Ratings. Copyright © 2018 by Standard & Poor's Financial Services LLC. All rights reserved.

**Recent Regulatory Assessment Revisions**

We periodically evaluate regulatory jurisdictions and may determine that there has been a shift in terms of support for credit quality. Based on recent developments, we have determined that the following jurisdictions have experienced shifts around credit supportiveness.

**Alabama**

Although we have not revised our regulatory jurisdiction assessment on Alabama, which we consider to be "most credit supportive," we believe the jurisdiction has marginally weakened within this category. We've observed some slight modification in in tariff-setting procedures and design in general in the state. For Alabama Power Co., there is a two-year moratorium in 2019 and

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2020 that restricts any upward rate adjustments under the company's Rate Stabilization Equalization mechanism, increasing the chance for regulatory lag. If unexpected costs arise, this restriction could limit the company's financial flexibility to recover such costs.

**Connecticut**

We revised our regulatory jurisdiction assessment on Connecticut to "very credit supportive" from "more credit supportive," reflecting our opinion that there has been improvement in the jurisdiction's tariff-setting procedures. This should provide for strengthened recoverability of operating and capital costs. Recently, Connecticut Light & Power Co. received a rate increase along with a capital tracker for capital expenditures and for capital additions for system resiliency and grid modernization. This should provide for more timely cost recovery of at least a portion of capital spending above that already in the utility's rates.

**Nevada**

We revised our regulatory jurisdiction assessment on Nevada to "very credit supportive" from "highly credit supportive" because regulatory independence and insulation has weakened in the state where the market framework and energy policies may be less supportive of long-term financing of utilities. Greater visibility of utility issues in the political process is evident since the introduction of a ballot initiative in 2016, the Energy Choice Initiative, for the first of two votes and now again in 2018 for the second and final vote. In addition, a ballot initiative regarding renewable energy of 50% by 2030 further elevates into the political process utility-related issues such as electricity generation. If the majority of Nevada's voters endorse the Energy Choice Initiative in 2018, the legislature would be required to establish a legal framework for electricity choice by July 2023. The heightened politicization of utility policies in the state, including long-term energy generation planning, creates some uncertainty about investing in the state's utilities over the long run.

**Vermont**

We revised our regulatory jurisdiction assessment on Vermont to "very credit supportive" from "highly credit supportive" reflecting a modest weakening in the consistency of the regulatory framework, which could potentially result in greater "regulatory lag" (i.e., the relationship between approved rates and the age of the costs used to set those rates) related to cost recovery. Green Mountain Power Corp. reverted to a traditional regulatory framework after operating under a comprehensive alternative regulation plan for years. Under the alternative rate plan, the company's authorized return on equity was adjusted annually using a formula tied to U.S. Treasury bond yields. We expect the traditional framework to be more procedural, and negotiated among various parties, signaling the possibility of delayed cost recovery.

**Related Criteria And Research**

**Related Criteria**

- Criteria - Corporates - General: Corporate Methodology, Nov. 19, 2013
- Criteria - Corporates - Utilities: Key Credit Factors For The Regulated Utilities Industry, Nov. 19,

**U.S. And Canadian Regulatory Jurisdictions Continue To Bolster Utilities' Credit Quality**

2013

**Related Research**

- U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others, June 25, 2018
- Assessing U.S. Investor-Owned Utility Regulatory Environments, Aug. 10, 2016

This report does not constitute a rating action.

**U.S. And Canadian Regulatory Jurisdictions Continue To Bolster Utilities' Credit Quality**

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# U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others

June 25, 2018

Regulatory risk, what S&P Global Ratings calls "regulatory advantage" is a heavily weighted factor in its analysis of a regulated utility's business risk profile. Some recent developments are influencing our view of regulation in certain jurisdictions and the specific factors that we can use to determine the initial regulatory advantage when we are completing our credit analysis of each U.S. and Canadian regulated utility. In addition, because the U.S. and Canada have so many regulatory jurisdictions and numerous companies may operate in a single jurisdiction, we create assessments of the regulatory jurisdictions in U.S. and Canadian provinces that regulate the electric, gas, and water utilities that we rate. These provide starting points from which an analyst can begin to develop the initial regulatory advantage of a regulated utility or holding company with more than one regulated utility. For both determining the initial regulatory advantage of a rated entity and developing the assessment of a regulatory jurisdiction, we base our analysis on quantitative and qualitative factors, focusing on regulatory stability, tariff-setting procedures and design, financial stability, and regulatory independence and insulation. (See "Assessing U.S. Investor-Owned Utility Regulatory Environments," published Aug. 10, 2016, for more details on each category.)

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## Key Takeaways

- Regulatory risk is a heavily weighted factor in S&P Global Ratings' analysis of a regulated utility's business risk.
- Our assessments of U.S. and Canadian utility regulatory jurisdictions only differ in degree of credit supportiveness rather than in kind.
- We have reassessed our view of certain U.S. jurisdictions based on recent developments.
- The presence of utility regulation, no matter where in the spectrum of our assessments, strengthens the business risk profile and generally supports utility ratings.

**U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others**

**Sorting Through Regulatory Jurisdictions In The U.S. And Canada**

Below we provide our snapshot view of each regulatory jurisdiction in the U.S. and Canada that has the presence of a rated utility, or operations of a rated utility. We group the jurisdictions based on the factors we've discussed above and the collective opinions expressed in the regulatory advantage determinations made in rating committees for approximately 225 U.S. and 30 Canadian utilities we rate. We've updated our assessments of regulatory jurisdictions (see the table listing the jurisdictions alphabetically within each category, and the maps of the U.S. and Canada indicating our updated assessments of regulatory jurisdictions). We designed the category titles to indicate one other important point regarding utility regulation and its effect on ratings. For the purposes of this commentary, we denote all categories as "credit supportive". To one degree or another, all utility regulation sustains credit quality when compared with the rest of corporate and infrastructure ratings at S&P Global Ratings. The presence of regulators, no matter where in the spectrum of our assessments, reduces business risk and generally supports utility ratings.

To one degree or another, all utility regulation sustains credit quality when compared with the rest of corporate and infrastructure ratings at S&P Global Ratings.

**Assessing Regulatory Jurisdictions For Credit-Quality Supportiveness**

Although we consider some jurisdictions "most credit supportive" it does not indicate that we think a commission in this category is a good regulator. Likewise, those jurisdictions we assess as only "credit supportive" does not indicate that we believe a commission is a bad regulator. We describe all jurisdictions as "credit supportive" and the designations only differ in degree rather than in kind. Finally, we designed the assessments to portray utility regulation in terms of its effect on credit quality (see table below).

**Assessments Of U.S. And Canadian Regulatory Jurisdictions**

Credit supportive	More credit supportive	Very credit supportive	Highly credit supportive	Most credit supportive
Hawaii	Arizona*	Alaska	Arkansas	Alabama
Mississippi	California*	Delaware	Georgia	Alberta
New Mexico*	Connecticut	Idaho	Indiana	British Columbia
Prince Edward Island	District of Columbia	Illinois	Kansas	Colorado
	Maryland	Missouri	Louisiana	Florida
	Montana	Nebraska	Maine	Iowa
	New Jersey	New Orleans	Massachusetts	Kentucky
	Oklahoma*	New York	Minnesota	Michigan
	South Carolina*	Ohio	Nevada	North Carolina
	Washington	Rhode Island	New Hampshire	Nova Scotia§
		South Dakota	Newfoundland & Labrador	Ontario
		Texas	North Dakota	Quebec
		West Virginia	Oregon	Wisconsin
			Pennsylvania	
			Tennessee	
			Texas RRC	
			Utah	



U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others

**Assessments Of U.S. And Canadian Regulatory Jurisdictions (cont.)**

Credit supportive	More credit supportive	Very credit supportive	Highly credit supportive	Most credit supportive
			Vermont	
			Virginia	
			Wyoming	

\*Assessment lowered §Assessment raised. Source: S&P Global Ratings.

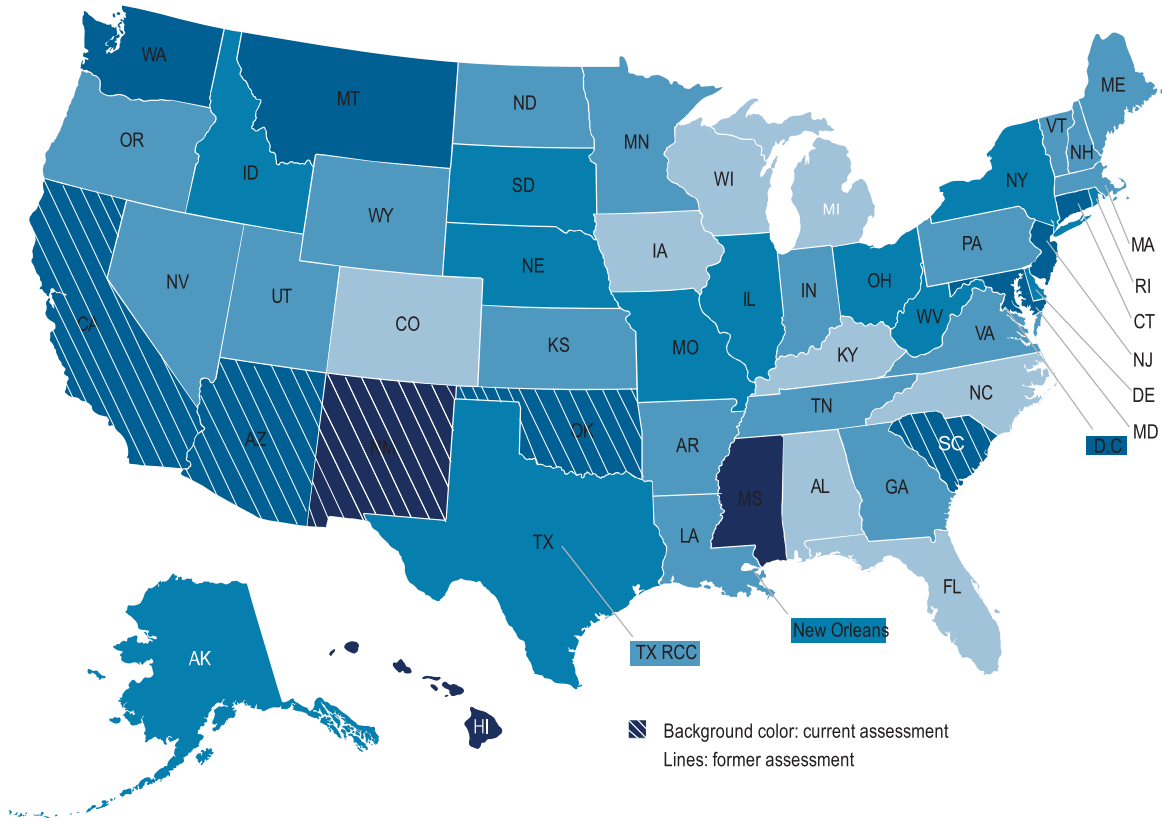
**Mapping the regulatory jurisdictions**

For jurisdictions assessed in the maps below, we have delineated the degree of credit support using shades of blue indicating those we consider credit supportive to those we believe are the most credit supportive. (We currently don't have assessments on some of the Canadian provinces.) The different assessments offer some granularity in our thinking about these jurisdictions' approach to regulation. Sometimes it will be due to trends such as the troublesome trends in the regulatory jurisdictions of California and South Carolina. Often it simply designates a stable jurisdiction that is slightly better or worse than its closest peers from a credit-quality perspective. We will be publishing in-depth updates on selected jurisdictions to bring even more focus on how regulatory developments could affect credit quality across the North American regulatory landscape.

U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others

S&P Global Ratings U.S. Utility Regulatory Assessments

Credit supportive   
  More credit supportive   
  Very credit supportive   
  Highly credit supportive   
  Most credit supportive

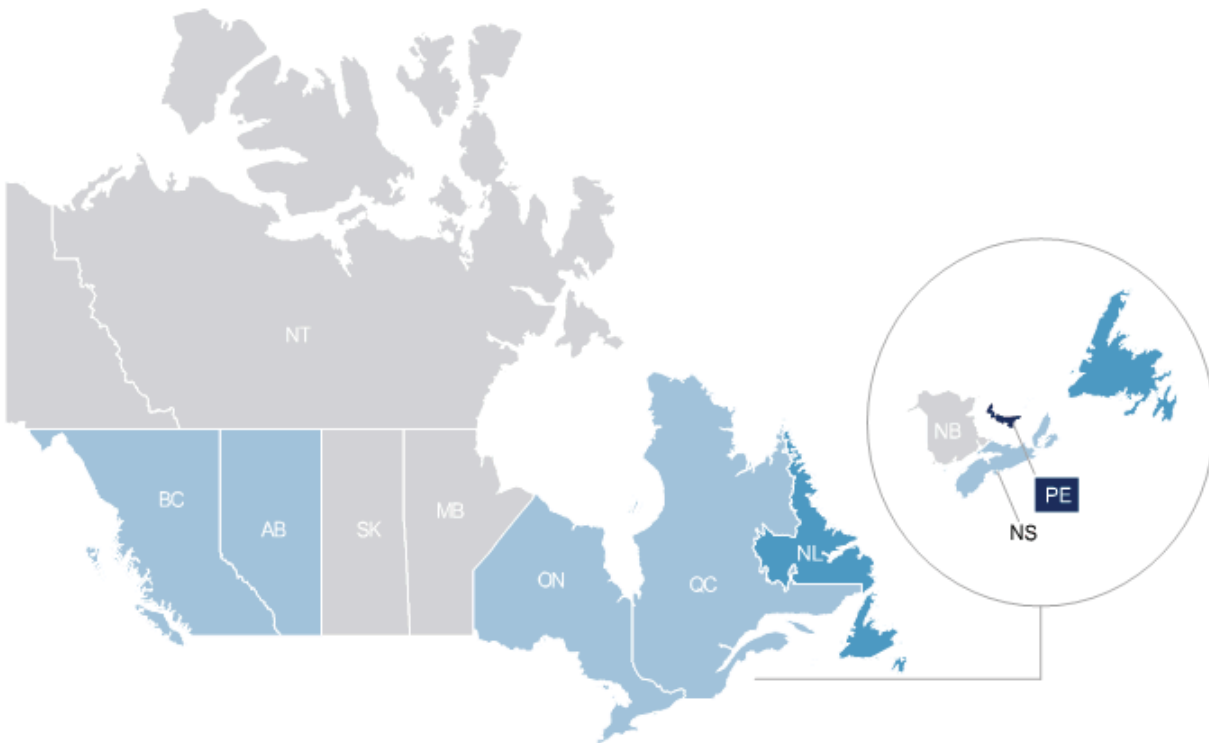


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U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others

### S&P Global Ratings Canadian Utility Regulatory Assessments

■ Credit supportive ■ Highly credit supportive ■ Most credit supportive ■ Not assessed



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### Recent Regulatory Assessment Revisions

We periodically evaluate regulatory jurisdictions and may determine that there has been a shift in terms of support for credit quality. Based on recent developments, we have determined that the following jurisdictions have experienced shifts around credit supportiveness.

#### Arizona

We revised our regulatory jurisdiction assessment on Arizona to "more credit supportive" from "very credit supportive," reflecting our opinion that regulatory independence and insulation has weakened lately. The regulatory environment is politicized in part because the commissioners at the Arizona Corporation Commission are elected, diminishing, to some extent, the credit supportiveness. Lately there has been increased leadership turnover at the commission as

**U.S. And Canadian Regulatory Jurisdictions Support Utilities' Credit Quality--But Some More So Than Others**

recently evidenced when the chairman of the commission left for the U.S. Department of Energy. In addition, in our view outside groups have asserted significant political pressure in regulatory proceedings.

**California**

We revised our regulatory jurisdiction assessment on California to "more credit supportive" from "highly credit supportive" because financial stability has weakened in the state. Over 20 wildfires in regulated utility Pacific Gas & Electric Co.'s (PG&E) Northern California service territory collectively spread over 245,000 acres. Regarding these wildfires, California's inverse condemnation rule could impose liability on California utilities for wildfire damages involving their equipment even without a determination of negligence. PG&E, and potentially other utilities in the future, could be held responsible for billions of dollars because of inverse condemnation with recovery of these costs not clarified. California regulators ruled in November 2017 in a Sempra Energy subsidiary San Diego Gas & Electric Co. case that it cannot permit rate recovery of costs that were the result of imprudence or negligence by the utility even though in legal proceedings an inverse condemnation determination had been found. The inability to recover through rates the wildfire costs in excess of insurance proceeds is not credit supportive.

**New Mexico**

We revised our regulatory jurisdiction assessment on New Mexico to "credit supportive" from "more credit supportive" to reflect a reduction in overall regulatory stability because of inconsistency in the regulatory framework in the state. In 2017, the New Mexico Public Regulatory Commission did not approve rate cases based on future test years despite the 2009 state law permitting the use of fully forecast test years in base-rate proceedings. In addition, the tariff-setting procedures that evaluates the ability of utilities to recover costs, including operating costs, and the disallowance of several capital investments weakens the overall credit supportiveness of the jurisdiction.

**Oklahoma**

We revised our regulatory jurisdiction assessment on Oklahoma to "more credit supportive" from "highly credit supportive," reflecting our opinion that there is reduced regulatory stability and less transparency of the regulatory framework. We've observed increased uncertainty in regulatory actions, which lowers the predictability of cash flow support of higher expenses, including depreciation expense, and a lag in processing rate cases. On the tax reform front, the state has been aggressive, including a request from the Oklahoma Attorney General for utilities to refund changes related to the tax reform.

**South Carolina**

Finally, we revised our regulatory jurisdiction assessment on South Carolina to "more credit supportive" from "most credit-supportive," reflecting our opinion that the political and regulatory framework is less transparent, less predictable, and has not been consistent with regard to historical actions. The construction cancellation of V.C. Summer nuclear units 2 and 3 resulted in reduced regulatory stability and less consistency. Regulatory independence has been eroded in South Carolina since the state legislature introduced legislation that could jeopardize existing cost recovery around the cancelled Summer units and the governor has publicly supported a rate

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reduction related to current cost recovery of already incurred Summer construction costs.

## **Related Criteria And Research**

### **Related Criteria**

- Criteria - Corporates - General: Corporate Methodology, Nov. 19, 2013
- Criteria - Corporates - Utilities: Key Credit Factors For The Regulated Utilities Industry, Nov. 19, 2013

### **Related Research**

- Assessing U.S. Investor-Owned Utility Regulatory Environments, Aug. 10, 2016

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# Grid Modernization: What Will Blockchain Technology Mean For U.S. Regulated Electric Utilities?

June 6, 2018

In this second article in a series that explores issues related to modernizing the electric grid, S&P Global Ratings looks at how a smart grid could affect regulated utilities' credit quality, taking into account the role of technology such as blockchain in the electric grid's future state. Blockchain has the potential to both enhance and disrupt the business model for regulated electric utilities. However, much depends on the decisions electric utilities make regarding the technology's deployment. The positive aspects include increased automation, grid flexibility, and transparency that could potentially result in costs savings, enhanced reliability, and increased access to cleaner energy for retail consumers. The negative aspect is the potential for utilities to use blockchain as a way to generate additional revenue sources from higher-risk nonregulated activities such as energy trading or other market-driven activities, possibly affecting how we view business risk.

## Key Takeaways

- Capital spending on smart grid infrastructure is necessary to transition to a modernized grid, and technology will likely play a role in this evolution.
- Blockchain as a concept is new for the regulated electric utility industry, but some utilities are tracking its progress, including for peer-to-peer energy transactions on a microgrid.
- Blockchain has the potential to both enhance and disrupt the business model for regulated electric utilities, but much will depend on the decisions electric utilities make regarding the technology's deployment.
- For U.S. electric utilities, regulation could dictate the pace of blockchain's adoption on the grid.

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## A Smart Grid And The Potential Role For Technology

A smart grid is a modernized electric grid that we expect will be flexible enough to integrate distributed energy resources onto the grid, maintain service reliability, attain cost efficiencies, and

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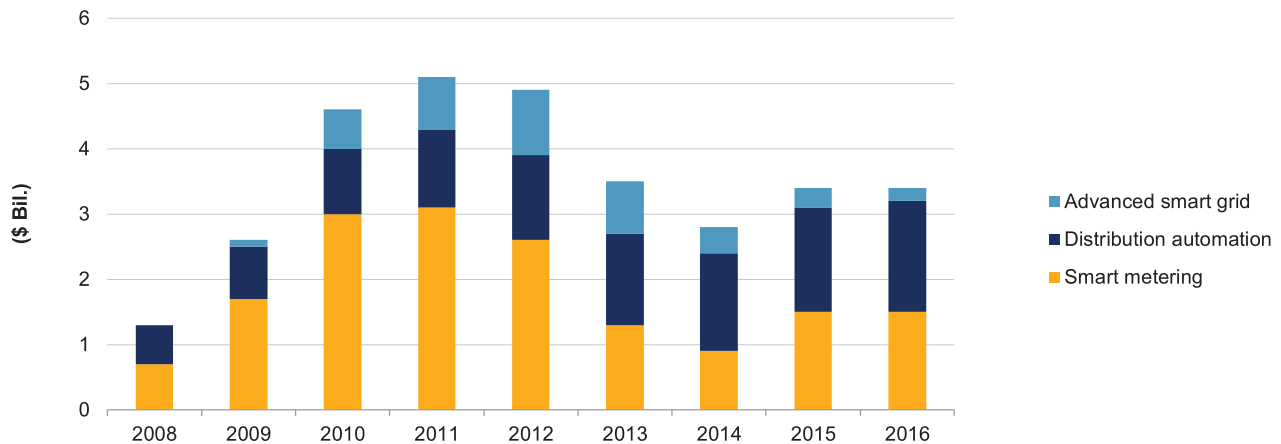
achieve other policy objectives such as a greener energy future or grid resilience. For some utilities, this kind of grid flexibility, particularly in light of the increasing use of distributed generation (DG), could become a requirement in the not-too-distant future. Utilities thus need to allocate sufficient capital spending toward smart grid infrastructure to adapt to these new realities. In addition, technology has historically functioned as both an enabler and disruptor of other industries. As such, leading-edge technology will likely play a role in the modernization of the electric grid. One potential technology on the horizon is blockchain--which is a digital distributed ledger that enables secure transactions between participants on a network without the need for a third party to verify the integrity of the transaction. Automated smart contracts, which are essentially digital agreements on a blockchain, govern the integrity of transactions among participants, promoting trust.

**The Transition To A Modern Electric Grid**

Capital spending on smart grid infrastructure is necessary for regulated utilities to transition to a modernized grid. From 2008–2016, smart grid spending for regulated utilities ranged from about \$1 billion to \$5 billion per year, averaging about 5% of total utility capital spending. And while the majority of such spending has been on smart meters, spending on distribution automation has shown steady growth in recent years, marginally exceeding spending on smart meters as of 2016 (see chart 1).

Chart 1

**U.S. Smart Grid Spending By Segment (\$ Bil.)**



Sources: Bloomberg New Energy Finance; S&P Global Ratings.  
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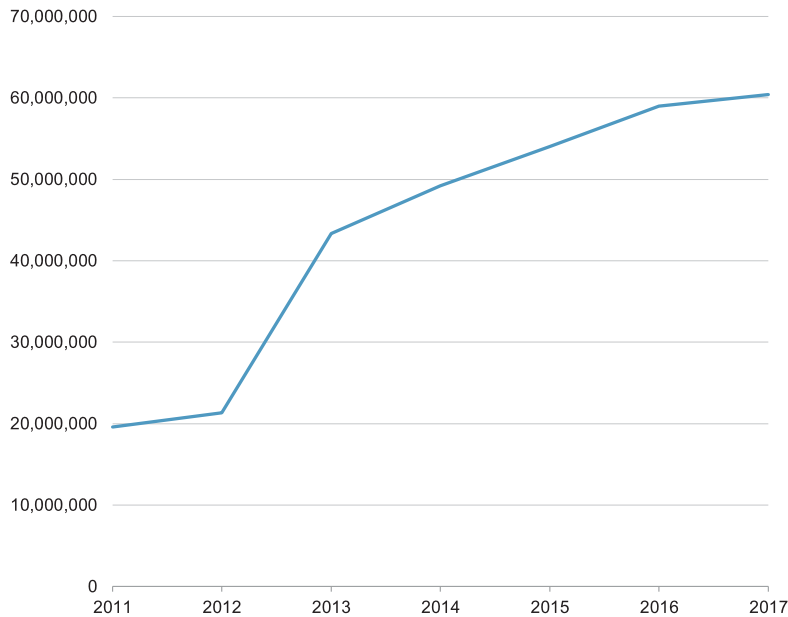
Smart meters are digital infrastructure assets that enhance two-way communication between the utility and its customers. In a prior article (Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Utilities?), we observed the significant deployment of smart meters in the U.S., with over 60 million installed smart meters as of 2017 compared to about 20 million smart meters six years earlier (see chart 2).



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Chart 2

**Growth Of Smart Meters In The U.S.**



Sources: Energy Information Administration; S&P Global Ratings.  
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Distribution automation focuses on electric grid activities that previously required greater use of utility personnel. One reason for this application is that electric utilities must demonstrate that they can integrate distributed energy onto the grid without affecting service reliability. Service reliability, or utilities' capability to provide uninterrupted electric service, remains key to the fundamental business model for regulated electric utilities. Some examples of distribution automation investments include integrated volt/var control (IVVC), sensors, and automated switches. While IVVCs manage the power quality and voltage on the grid, sensors monitor the condition of key assets like transformers, and automatic switches remotely control electric load. From a credit perspective, we view smart grid investments as low risk for utilities largely because they support rate base growth, enhance reliability, and potentially result in cost savings for customers, all of which are generally favorable for regulated utilities' credit quality.

### Microgrids, Blockchain, And Peer-To-Peer Energy Transactions

The U.S. Department of Energy (DOE) defines a microgrid as a group of interconnected loads and distributed energy resources within clearly defined electrical boundaries that acts as a single controllable entity with respect to the grid. A microgrid can either function as part of an existing electric grid, or separate from it, and the DOE considers microgrids a key building block for a smart electric grid. In addition, some states, such as New York, view the development of microgrids as a way to achieve grid resilience, particularly in light of severe weather like hurricanes. Blockchain

**Grid Modernization: What Will Blockchain Technology Mean For U.S. Regulated Electric Utilities?**

technology can enable localized microgrids to exchange energy with the help of blockchain-enabled meters. In April 2016, a start-up company called LO3 Energy completed its first blockchain energy transaction project in New York State, known as the Brooklyn Microgrid. This is a localized microgrid, where users of the network can buy and sell energy with each other. In this example, excess power generated from a consumer's rooftop solar can be sold to others on the same microgrid.

Although blockchain as a concept is new for the utility industry, some regulated utilities are tracking the technology's progress. The Energy Web Foundation (EWF), a not-for-profit entity funded by major energy corporate affiliates globally that counts a few U.S. utilities including Sempra Energy, Duke Energy, Exelon, and PG&E as corporate affiliates, is working on an open-sourced version of the blockchain technology. The EWF hopes to scale this technology globally, enabling more peer-to-peer energy transactions. And far from U.S. shores, the concept of peer-to-peer energy transactions with blockchain is already being put to the test. For example, Japan-based TEPCO (another EWF corporate affiliate) recently established a subsidiary that plans to sell rooftop solar and battery storage and enable customers to conduct peer-to-peer trading of electricity via blockchain.

**Blockchain And The Potential For A Greener Electric Grid**

According to the U.S. Environmental Policy Agency (EPA), a renewable energy certificate (REC) system establishes the property rights to the environmental social or other non-power attribute of renewable electricity generation. A REC is issued when one megawatt-hour (MWh) of electricity is generated and delivered to the electric grid from a renewable resource. Because electrons delivered to the grid are indistinguishable, a REC serves as a way to assign ownership of electricity generated and used from renewable sources. For some consumers, the process to procure a REC is administratively intensive, and includes third-party verifications, sworn statements, contract receipts, and other processes that possibly stymie consumer preferences for more renewable energy. In addition, double counting and lack of transparency can be a concern for some REC consumers, possibly why the EPA recommends third-party certification and verification when purchasing RECs. Blockchain, through its automated smart contract features, could bypass the need for such administrative processes, improve transparency, and potentially increase retail consumer access to cleaner energy, promoting a greener electric grid.

**Blockchain could potentially increase retail consumer access to cleaner energy, promoting a greener electric grid.**

**What Will Blockchain Technology Mean For U.S. Regulated Utilities?**

The answer depends on the decisions utilities make regarding the deployment of the technology. When used as an enabler, blockchain can increase automation for utilities, and support demand response activities, potentially leading to more cost savings, and enhancing electric reliability on the grid. Blockchain can also increase transparency on renewable energy sourcing for RECs, potentially expanding access to cleaner energy for retail consumers, resulting in customer satisfaction. Cost savings, enhanced reliability, and customer satisfaction generally support a utility's ability to manage regulatory risk. However, the risk that would arise from blockchain technology for regulated utilities stems from the potential for utilities to use the technology as a catalyst to derive additional revenues from higher-risk nonregulated activities such as energy trading or other market-driven activities, fundamentally shifting the utilities' business model in ways that may affect how we view business risk. This approach to blockchain could be disruptive.

**Grid Modernization: What Will Blockchain Technology Mean For U.S. Regulated Electric Utilities?**

## **For U.S. Electric Utilities, Regulation Could Dictate The Pace Of Blockchain's Adoption On The Grid**

It is still very early to draw any implications for utilities' credit quality because of blockchain. For one, the current state of the electric grid is aging, and requires capital spending and time to modernize. As an example, Consolidated Edison Inc.'s smart meter plan, which began in 2016, will take approximately six years to complete. Second, it is not yet clear if cost-savings from using the technology will be material enough to justify the added complexity and investment for utilities, potentially hindering the technology's scalability. Moreover, we suspect regulators may be slow to change, given the novelty of the technology, including concerns about its compatibility with existing grid operations, and how to adapt current regulatory practices to accommodate the technology's potential.

## **Related Criteria And Research**

### **Related Research**

- How 'Virtual Power Plants' Are Allowing U.S. Utilities To Embrace Disruptive Technologies, Jan. 11, 2018
- Future Shock: Will Better Batteries Dim Electric Utilities' Prospects? Nov. 3, 2017
- Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?, Oct. 31, 2017

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**Grid Modernization: What Will Blockchain Technology Mean For U.S. Regulated Electric Utilities?**

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## U.S. Tax Reform: For Utilities' Credit Quality, Challenges Abound

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# U.S. Tax Reform: For Utilities' Credit Quality, Challenges Abound

*(Editor's Note: This article is part of a series addressing the potential credit implications of U.S. tax reform on corporate, infrastructure, financial services, and U.S. public finance entities.)*

The recently enacted federal tax package will provide a modest economic uplift according to S&P Global economists (see "A Tax Package For The New Year: Its Impact On U.S. GDP Growth," Jan. 8, 2018), and it will be beneficial for the credit quality of most corporate issuers (see "U.S. Tax Reform: An Overall (But Uneven) Benefit For U.S. Corporate Credit Quality," Dec. 18, 2017). But what does it mean for the S&P Global Ratings' ratings on U.S. utilities and their holding companies?

The main features of the corporate tax package are a lower tax rate, more favorable treatment of earnings repatriated from overseas, a move from a worldwide tax system to a territory-based tax system, immediate expensing of capital investment, and limits on the deductibility of interest expense. For U.S. utilities and for most utility holding companies that have mainly domestic operations, foreign earnings repatriation and the taxation approach to those earnings are a non-issue. However, the tax package has important implications for utilities mostly because of rate regulation, but also since special provisions in the tax legislation for regulated utilities regarding interest deductibility and capex expensing distinguish them from most of corporate America.

## Overview

- While most of corporate America is bullish about the new tax regime, we believe the effect on creditworthiness of regulated utilities and their holding companies could be negative.
- The effect will depend on the reaction of utility regulators and, ultimately, the utility companies after the regulators have acted.
- The lower statutory corporate tax rate will eventually benefit ratepayers, not utilities. The degree of benefit or burden to holding companies will depend on each company's tax position and will suffer from the benefit at the utility subsidiaries going to ratepayers.
- The accelerated deductibility of capital expenditures is not available to utilities, and the loss of that kind of stimulus is negative for cash flow.
- Few U.S. utility holding companies will be affected by foreign earnings or the deemed repatriation of previously untaxed foreign earnings.
- Limits on the deductibility of interest expense have little effect, as utilities are exempt and holding companies can participate in that exemption.

## Credit Implications Vary For U.S. Utilities

The reality for U.S. utilities and utility holding companies is that they have historically used the tax code as a source of cash flow through the interactions of tax accounting, regulatory accounting, and as opportunities to defer cash taxes from economic stimulus provisions. The attractiveness of tax credits for specific types of investments for companies

with such reliable earnings profiles has long been apparent. One reason we have relied more on after-tax credit metrics using funds from operations (FFO) as a base instead of pretax measures like EBITDA is that the former captured the true cash flow of a utility better than the latter. As we have noted in the past, utilities are susceptible to weakening FFO-based credit metrics in the absence of bonus depreciation or other economic stimulus built into the tax code.

We will address the three primary areas of tax reform for utilities in turn. Early analysis suggests that utility and holding company credit quality could be marginally and negatively affected by the new tax code, but for most issuers the magnitude will be mild enough to allow them, if so desired, to offset the effect enough to preserve ratings. Much will depend on the regulatory response. For companies skirting the edge of our financial risk profile requirements, the path to ratings stability will be trickier and steeper. Our approach as the impact of the corporate tax package unfolds will be measured:

- Taxes, as accounting and ratemaking matters, are extremely complex and will require some time for issuers and regulators to fully understand the implications, especially at the holding company level. As we observe the decisions made by each company and update our models, we will allow sufficient time for companies to react to the changes.
- To the extent tax reform has some one-time, up-front effect on earnings or prompts write-offs, we are likely to look past that and concentrate on the ongoing, forward-looking impact on credit metrics.
- Each company's tax situation is unique, as is the regulatory environments in which they operate. While we see a general effect of tax reform, ultimately the rating impact will be issuer-specific and will depend on the details of its tax positions at both the utility and holding company, the regulatory response to the new tax code, and how the company responds to those two things in its future financial policy.
- The impact will almost certainly differ between a holding company and its utilities. Holding companies do not directly share the same tax attributes as their utility subsidiaries and are the actual entity that pays taxes on a consolidated basis. Utilities are almost uniformly treated as stand-alone entities by regulators when calculating the revenues needed to cover the cost of service. Changes in things like corporate tax rates can therefore have decidedly different effects on the unregulated parent and the regulated subsidiary. Since our rating methodology is primarily focused on the entire group, the impact of tax reform on the holding companies is going to be the most impactful on the ratings within the group for most issuers. Although there may be no rating implications, we may revise the stand-alone credit profiles (SACP) of a holding company's utility subsidiaries that we do not consider insulated. And the ratings on utilities and other subsidiaries that differ from the parent due to insulation or a lesser group status could also be directly affected.

**The Influence Of Key U.S. Tax Reform Provisions On U.S. Regulated Utilities and Holding Companies**

<b>Tax provision</b>	<b>Benefit or burden?</b>	<b>Primary relevance to utilities or holding companies?</b>	<b>Effect</b>
Lower corporate tax rate	Burden	Both	For utilities, revenue requirement is reduced. The benefit of lower rate is passed onto ratepayers. Holding companies lose the cash flow from the difference between statutory rate and their effective tax rate.
Loss of accelerated deductibility of capital expenditures	Burden	Both	Utilities are exempted and therefore lose the opportunity to gain cash flow from tax-based stimulus. Effect on holding companies depends on mix of utility and non-utility operations.
Elimination of tax on foreign earnings and upon repatriation going forward	Benefit	Holding company	Limited to the few that have overseas investments.
Deemed tax on previously earned profits held overseas	Burden (limited to eight years)	Holding company	Limited to the few that have overseas investments.

**The Influence Of Key U.S. Tax Reform Provisions On U.S. Regulated Utilities and Holding Companies (cont.)**

Tax provision	Benefit or burden?	Primary relevance to utilities or holding companies?	Effect
Limit on interest deduction	Benefit	Both	Utilities not burdened (exempted). Holding companies are not burdened to the extent they can allocate a portion of their debt to utility operations, but the allocation method is unclear.

Source S&P Global Ratings.

**Lower tax rates**

The central feature of the corporate tax package is a lower tax rate. The current 35% statutory tax rate is now 21%, and that move has various ratemaking consequences for utilities. For most utilities, rates charged to customers reflect the statutory rate. Any unpaid deferred taxes over the years have been accrued for eventual return to ratepayers, and in the mean time are a low-cost source of capital in the mechanics of ratemaking. The new, lower statutory rate means (1) rates must be lowered to reflect the new rate, and (2) the excess deferred tax balance created by the difference in tax rates must be returned to ratepayers. The speed at which it is returned will be determined by the regulator with potentially significant negative cash flow effects. Normalization rules will restrict the regulators, but some of the deferred tax difference will not be protected by the transition rules and could be tapped earlier to reduce rates. Regulators will also be mindful of the higher future costs associated with rapid reversal of deferred taxes, as they have been a low-cost source of capital to the benefit of ratepayers that must be replaced with some combination of debt and equity if erased too quickly.

Both of those tasks will be handled by the regulator, with the timing and result affected by the utility's strategy and relationship with its regulators. That strategy, and the utility's ability to manage the process and outcome, are crucial factors in determining the impact on ratings coming out of tax reform. The challenge is that regulators think about and set rates primarily on earnings, not cash flow. To the extent that tax reform leads to lower cash flows, which we think will be the case in most instances, we will look for the utility to make a case for countervailing steps to offset some or all of the diminished cash flow. A stronger capital structure, using the extra revenues related to the difference between the 21% and 35% tax rates to support greater rate-base investment or rate recovery of other expenses such as unfunded pension obligations or nuclear decommissioning funds, or some combination of these could sustain or lessen the impact on credit metrics.

At the parent companies, which often have a mix of regulated and unregulated companies, the effect of lower tax rates could be more mixed and will depend greatly on each company's particular circumstance. They rarely pay anything close to the statutory rate due to careful tax planning. An important focus is on those holding companies that have significant non-utility operations. How to allocate parent debt between utility and non-utility operations is an unresolved issue (see next section), but overall many investments and activities on the non-utility side have been driven by tax considerations. A holding company's tax characteristics, including such things as net operating loss carryovers and unused tax credits, affect how much in actual taxes they're paying now. Lower tax rates will slow the realization of those and other tax benefits, and that could pressure credit metrics when combined with any negative cash-flow effects at the utility level.



### **Interest expense deductibility**

The second big aspect of tax reform for utilities is interest deductibility. U.S. utilities and utility holding companies are typically more leveraged than their counterparts elsewhere in corporate ratings, so the loss or limit on deducting interest for tax purposes would have been more impactful for utilities. The new tax package offers a special carve-out that allows utilities to fully deduct all interest expense and holding companies to allocate a portion of the interest on parent debt associated with their utilities to qualify for a deduction as well. The manner of that allocation is still somewhat imprecise, and greater clarity is expected when the Treasury Department implements the legislation.

### **Loss of bonus depreciation or other tax stimulus**

The preservation of most interest deductibility for the capital-intensive, more-levered utilities and utility holding companies came at a price. In exchange for this treatment, utilities forego the opportunity to participate in the stimulus feature of tax reform, full expensing of capital spending at least for the next five years. With the absence of any bonus depreciation provisions for utilities, a powerful generator of cash flow will now cease that, in combination with the lower tax rate, will have very real consequences for cash-based credit metrics. Utilities however have been modifying their capital spending plans over the past few years to factor in phasing out of bonus depreciation. We noted in a commentary many years ago (see "How Will Bonus Depreciation Affect The Credit Quality of U.S. Electric Utilities?" May 9, 2011) that the loss of bonus depreciation could result in two to three percentage-point reductions in a typical FFO-to-debt calculation. Now that the time of no tax stimulus in the tax code has come to pass, utilities will have to grapple with this lack of cash flow from tax timing differences. While the lower statutory rate would have diminished the power of this cash-flow source anyway, its absence will make the challenge more acute, especially for those issuers that are already edging toward ratings downgrade FFO-to-debt triggers.

## **Utilities' Response To The New Tax Laws May Help Preserve Credit Quality**

The impact of tax reform on utilities is likely to be negative to varying degrees depending on a company's tax position going into 2018, how its regulators react, and how the company reacts in return. It is negative for credit quality because the combination of a lower tax rate and the loss of stimulus provisions related to bonus depreciation or full expensing of capital spending will create headwinds in operating cash-flow generation capabilities as customer rates are lowered in response to the new tax code. The impact could be sharpened or softened by regulators depending on how much they want to lower utility rates immediately instead of using some of the lower revenue requirement from tax reform to allow the utility to retain the cash for infrastructure investment or other expenses. Regulators must also recognize that tax reform is a strain on utility credit quality, and we expect companies to request stronger capital structures and other means to offset some of the negative impact.

Finally, if the regulatory response does not adequately compensate for the lower cash flows, we will look to the issuers, especially at the holding company level, to take steps to protect credit metrics if necessary. Some deterioration in the ability to deduct interest expense could occur at the parent, making debt there relatively more expensive. More equity may make sense and be necessary to protect ratings if financial metrics are already under pressure and regulators are aggressive in lowering customer rates. It will probably take the remainder of this year to fully assess the financial impact on each issuer from the change in tax liabilities, the regulatory response, and the company's ultimate response.

We have already witnessed differing responses. We revised our outlook to negative on PNM Resources Inc. and its subsidiaries on Jan. 16 after a Public Service Co. of New Mexico rate case decision incorporated tax savings with no offsetting measures taken to alleviate the weaker cash flows. It remains to be seen whether PNM will eventually do so, especially as it is facing other regulatory headwinds. On the other hand, FirstEnergy Corp. issued \$1.62 billion of mandatory convertible stock and \$850 million of common equity on Jan. 22 and explicitly referenced the need to support its credit metrics in the face of the new tax code in announcing the move. That is exactly the kind of proactive financial management that we will be looking for to fortify credit quality and promote ratings stability.

## Related Criteria And Research

### Related Research

- FirstEnergy Corp.'s Convertible Preferred Stock Issuance Rated 'BB'; Other Ratings Affirmed, Jan. 22, 2018
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- How Will Bonus Depreciation Affect The Credit Quality of U.S. Electric Utilities? May 9, 2011

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## How 'Virtual Power Plants' Are Allowing U.S. Utilities To Embrace Disruptive Technologies

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## How 'Virtual Power Plants' Are Allowing U.S. Utilities To Embrace Disruptive Technologies

Distributed generation and other customer-focused technologies that are disrupting utilities have been grabbing the attention of both the industry and S&P Global Ratings for years. Not quite at the forefront of our thoughts during this time (but waiting patiently in the wings) has been battery technology, which could provide value to customers by making their power equipment more cost-effective and allowing them to store power for utilization during power outages or periods of higher priced power on the grid. The combined distributed-generation-and-battery-storage revolution is giving individual homes and businesses the ability to diminish—and in some extreme cases, completely end—their dependence on the established power grid.

However, some electric utilities have turned the tables and responded by investing in a new disruptive idea that works in their favor, called "virtual power plants": collecting and aggregating battery-stored power on customer properties, buying it back, and using it to help supply power to other customers during times of peak demand. Utilities adopting this sort of "behind the meter" approach believe that it's a more efficient and less expensive way of providing power during periods of high demand, especially when compared to the status quo—peaker power plants, which are increasingly beleaguered in nonregulated markets.

Utilities that invest in these innovative virtual power plants benefit from having a new source of regulated assets, better relationships with customers and regulators, and potentially, a more efficient grid. But these new technologies also carry economic, execution, and technology risks and for power producers, this new development could lead to lower net power demand.

### Overview

- Some regulated utilities are embracing disruptive technology by developing virtual power plants that allow them to aggregate and control batteries in customer homes and commercial properties and dispatch the consolidated power opportunistically.
- Investing in virtual power plants has multiple benefits for regulated utilities, such as new regulated investments to generate rate base growth that offsets the need to invest in riskier generating assets, enhanced stakeholder relationships, and improved grid efficiency.
- If executed as contemplated, virtual power plants could be a positive for utility credit quality.
- Pilot projects are in development despite near-term economic, execution, and technology hurdles.
- Perhaps predictably, virtual power plants could represent another small blow to the credit profile of power producers in the form of increased competition and reduced demand.

Regulators have taken note of disruptive trends in the industry. In its rationale for a new utility research project, the Illinois Commerce Commission noted that "...the advent of distributed generation and storage, demand response and energy efficiency, interconnected smart devices and appliances, micro-grids, electric vehicles, the use of big data and analytics, environmental objectives, and a host of new technologies, products, services—spurring the development of entirely new energy markets—is challenging existing network design, capability, and regulatory policy."

While that's quite a mouthful, we agree with the commission's point. The commission's report concluded that these developments are positive on the whole for electricity end users because customers can buy, sell, produce, and store electricity; effectively, they can exert more control over the power production process. But the trend contains risks for utilities and could contribute to mass decentralization and deterioration of a utility's value to its customers.

If this trend continues unabated beyond the next decade, credit quality of regulated utilities could be constrained as the new customer-focused power technology (such as solar panels and batteries) reduces the utility's role and slows load growth, leading to weakening financial performance and declining credit protection measures. Importantly, most transmission-and-distribution-only utilities have mitigated this risk through the use of revenue decoupling mechanisms that separate power demand and sales from revenue generation. However, integrated utilities that do care about energy sales growth remain exposed. Compounding this, customers investing in energy infrastructure reduces integrated utilities' needs for new regulated investments. Those utility investments have historically spurred rate base growth and in turn, earnings growth. Furthermore, when power supply technologies are taken out of the utility's control, the system's operating risks can increase and complicate energy management by making it harder to predict and match supply and demand.

Utilities have responded to this ongoing threat to their business by embracing these technologies, usually by investing in utility-scale assets that are most cost-effective. (See For Slow-Growth U.S. Electric Utilities, Batteries Could Be A Power Booster, published Nov. 2, 2017.) Smaller, behind-the-meter batteries are not as economic as utility-scale investments given the scale and logistics of hooking up one large battery compared to many smaller ones. However, even considering the presently underwhelming economics, some utilities are partnering with customers and energy services companies to turn distributed batteries into utility-run virtual power plants.

Why? For one thing, on-site power storage is useful during power outages. But a more important driver is market inefficiencies related to distributed generation that isn't paired with batteries. In some cases, customers who generate energy on their property have had to pay others to take their produced power, which is a result of producing energy when demand is low. This routinely occurs in California. The problem utilities are concerned with is the opposite: demand for power increases during the evening which drives wholesale prices higher while solar panels aren't producing. In this case, utilities are forced to buy expensive power from less-efficient "peaker plants," which only ramp up when demand is high. Virtual power plants are a relatively new idea, which calls for pairing batteries with distributed generation assets to avoid relying on these comparatively expensive peaking assets.

## **Designing Virtual Power Plants**

Utilities at the forefront of this trend are selling batteries to customers while retaining control of the power stored in the batteries to release at more opportune times. Green Mountain Power Corp. (GMP) has sold about 150 battery systems throughout its territory to both solar-producers and non-producing customers. While the mechanics can be complicated, the simplified process works as follows:

- The utility sells batteries to customers for a lower price than its market value. These customers pay through a monthly charge, similar to a rider. The utility can afford lower prices because the battery is expected to create value for the utility over its useful life.

- The batteries are rate-based and earn a return, but the associated increase to the regulated revenue requirement is paid for over its useful life solely by the new battery-owners. Other customers are not yet affected financially by the transaction.
- When demand naturally spikes in the evening, the utility remotely pulls power from the new batteries on the customer's property instead of filling the need with expensive power from traditional peaker plants. This is called "load-shaving," because it reduces the need for outside supply, and it results in lower power prices. The savings from power prices will be shared by the utility and its customers, with most of the savings directly benefitting customers. Regulators will decide how this sharing mechanism works but the lower costs benefit both parties.

There are other ways that utilities can use these programs to create economic value. One of which is by charging the batteries during low (or negative) price periods. Down the road, utilities might be able to use these new resources to bid into wholesale markets in the form of wholesale power, demand response, or even ancillary services.

Other U.S. utilities, such as New York's Consolidated Edison Inc., California's Sempra Energy, PG&E Corp., and Edison International, and North Carolina's Duke Energy Corp. are at different stages of experimenting with virtual power plants, although most U.S.-based utilities that are interested are still in the beginning phases. We expect that these programs will contain the same key elements discussed above.

## **Benefits To Customers**

Most importantly, customers interested in increasing their energy independence often seek to own energy infrastructure. To these customers, virtual power plants provide a "best of both worlds" approach. They allow customers to make the most of their solar panels, batteries, and smart technology, thereby reducing carbon footprints and increasing emergency preparedness. At the same time, these customers will have the security of remaining on the grid.

Consolidated Edison currently has an approved \$15 million budget for a small virtual power plant pilot project and a separate \$200 million more robust project that focuses on various demand management technologies. According to the company, the demand management program could postpone more than \$1 billion of investments in conventional power spending for another 20 years. The savings related to this reduction in capital expenditure needs is passed on to customers.

### **Is the delay in capital investment a negative for integrated utilities, which generally only grow by investing?**

The answer is complicated. Generally, anytime a regulator decreases a utility's capital spending budget because it deems a project unnecessary, unimportant, or non-urgent, the utility's earnings growth forecast suffers.

However, we would stress three things. First, the batteries will mostly offset power generation spending and therefore have a more pronounced impact on unregulated power generators than on the utilities, as discussed in "Uncharged: The Possible Market Impact Of Electricity Storage". Independent power producers (IPPs) are more likely to feel the impact of possible weaker pricing than utilities are. Second, virtual power plants transfer some operational and market risks from the utility to the customer. Virtual power plants will give customers more reason to own the riskier generation assets, leaving the less risky transmission and distribution assets as a larger part of the utility's asset base.



Finally, the growth of battery technology seems inevitable at this point, with the major question now about timing. Accordingly, our perspective is that utilities participating in battery projects and controlling these assets, whether they are utility-scale or behind-the-meter, are the best way to ensure that they stay relevant.

## **What Are The Positive Credit Considerations For Utilities?**

### **Virtual power plants can spur rate base growth**

Regulators will likely allow the utilities to rate-base batteries and therefore, battery sales will earn a return for investors. While most of the programs we've researched are limited and will have an insignificant effect on rate base growth, we believe utilities will earn a return in line with other regulated assets, probably in the 8%–10% range. If the economics improve as we expect, and there is more customer demand for batteries, this could eventually lead to more pronounced growth prospects. (See "Going With The Flow: How Battery Storage Economics Are Changing Power Consumption").

As discussed above, utilities would also likely share in the cost savings associated with shaving peak load. Before we get too optimistic on how this will affect a utility's bottom line though, we'll have to monitor how regulators approach the sharing mechanisms. Meanwhile, we still are waiting for more data on how much load-shaving value the utilities will realize.

Perhaps more of an aspirational goal for virtual power plants, we think batteries, in general, are likely to provide ancillary services to the grid given their ability to disperse power instantaneously (there is no ramp up time). Whether aggregated behind-the-meter batteries will be eligible to receive credit for ancillary services is uncertain, but it is a possibility.

### **Lower customer bills**

Behind-the-meter battery storage would compete directly with expensive peaker power generators, and batteries would have a competitive advantage because they are closer to load, have no variable costs, and can ramp up instantaneously. Therefore, there is a good reason to believe that power prices would decline during periods that have historically had the highest prices. This benefits regulated utilities in that it helps control the customer bill, which is a key concern for regulators. If customer bills are lower due to lower power prices (or any other reason for that matter), perhaps there's more room for utilities to invest in infrastructure to boost reliability. We've seen this trend play out as gas prices have remained low and gas utilities have been able to fill some of the gap in the customer bills with pipeline replacement programs.

### **Potential to contribute to smart grids**

Green Mountain Power's virtual power plant has important applications to energy efficiency and smart technology. In fact, the Vermont company has taken the customer interaction aspect much farther by collaborating with several energy services companies to set up a larger in-house ecosystem that includes Tesla Powerwall batteries, Nest Learning Thermostats, and an Aquanta smart water heater controller that essentially allows customers to use water heaters as batteries.



### **Improved relationships with regulators**

Utility-run programs that help regulators achieve their goals is good for business. Given that battery storage is carbon-free, and could contribute to lower pricing and improved grid reliability, virtual power plants would help regulators achieve some of their larger goals.

### **Risks And Obstacles**

Battery technology has been somewhat slow to evolve, hindered by prevailing higher costs that ultimately limit customer interest. As a result, the success of these projects revolves around the still uncertain economics of battery technology. It is possible that the economics never reach the point where customers are interested at adequate levels to justify investment, especially for residential customers. How jurisdictions price power produced from distributed generation customers will also play an important role here. For instance, customers who benefit from net metering rules (selling their energy for the full retail price) are much more likely to invest in solar panels. These rules vary across jurisdictions and are at continued risk of reform.

Given the novelty of these projects, some community stakeholders are apprehensive. For instance, while the Consolidated Edison programs are technically approved by the New York Public Service Commission because they qualify as "innovative projects," the Fire Department of the City of New York (FDNY) and the New York City Department of Buildings (DOB) oppose the use of residential batteries in some situations, citing safety reasons. This has delayed progress on the pilot programs and is a sign that initial projects in some regions might be limited to commercial premises where professional oversight can be implemented.

Technology risks are also a factor. Because these projects are the first wave, the software behind the aggregation of these assets might take time to perfect and prove at acceptable levels as there is an insufficient track record of this method working to shave peak load. For that matter, batteries in general lack a sufficient track record of long-term viability and safety. Providing a new untested service to customers (especially considering the safety concerns) might prove to be a significant headache for first movers in the U.S.

### **More Troubling News For Power Producers**

We believe the emergence of energy storage, both utility scale and customer scale, will be more detrimental and disruptive to nonregulated power generators than it will be for utilities. As seen throughout the U.S., renewable penetration, low gas prices, mild weather in recent years, and energy-efficiency gains have reduced demand for power. Adding batteries to the mix will only intensify the trend of decreasing or stagnating demand. Regardless of whether you're generating power from fossil fuels, renewable energy, or nuclear technology, new competition from batteries will eventually start to reduce the need for additional power generation.

In particular, peakers are at most risk because stored power is most efficiently used when demand rises during peak times. Instead of buying expensive power from a peaker 100 miles away, why not just draw from the batteries in a utility's (literal) backyard?

Virtual power plants are a great example of some utilities' efforts at disrupting the disruptors--taking advantage of a potentially negative trend and making it work in their favor. While these projects are still relatively new and generally small in the U.S., the sudden interest across the country from Vermont to California could be the first inkling that a new strategy is budding at home. Globally, things are a bit farther along. In Australia, Europe, and Japan, virtual power plants are already functioning in various forms. To meet the global demand, vendors (such as Sunverge Energy and Siemens) have developed early iterations of energy technologies and cloud-based software systems to aggregate and control these resources. While the U.S. is a relative latecomer to the trend, there is reason to believe that this model could work here.

A report from energy consulting firm Navigant Research estimates that total annual revenue for energy storage assets that support renewable generation will exceed \$23 billion globally by 2026. The company also notes that while the economics seem to support utility-scale batteries, other drivers (such as peak-shaving) might accelerate the behind-the-meter market to account for as much as two-thirds of its forecast global capacity by that point.

Over the next few years, battery economics will be a major driver, but utilities will also have to prove that this concept benefits all stakeholders--including themselves, customers, and regulators. If they can do that, virtual power plants could take off on a larger scale and utilities will have a new tool for growth and energy management, while having to contend with new risks. One thing is clear though--once these take hold, there will be no looking back.

## **Related Criteria And Research**

### **Related Research**

- Going With The Flow: How Battery Storage Economics Are Changing Power Consumption, Jan. 11, 2018
- Uncharged: The Possible Market Impact Of Electricity Storage, Jan. 10, 2018
- Future Shock: Will Better Batteries Dim Electric Utilities' Prospects?, Nov. 3, 2017
- For Slow-Growth U.S. Electric Utilities, Batteries Could Be A Power Booster, Nov. 2, 2017
- Storage: The Final Piece In The Global Energy Transition Puzzle, June 10, 2016
- Batteries: A Revolution In Store?, webcast:  
[https://event.on24.com/eventRegistration/EventLobbyServlet?target=reg20.jsp&mkt\\_tok=eyJpIjoiTkRkaFpUUXdZemxqWWp!](https://event.on24.com/eventRegistration/EventLobbyServlet?target=reg20.jsp&mkt_tok=eyJpIjoiTkRkaFpUUXdZemxqWWp!)

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## Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?

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Smart Meters Continue To Experience Significant Growth

Smart Meters Can Help Some Electric Utilities Manage Costs...

...And Enable Shifts In Regulatory Policies For Other Electric Utilities

The Verdict

Related Criteria And Research

# Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?

We live in an age of big data. Merriam-Webster defines big data as "an accumulation of data that is too large and complex for processing by traditional database management tools". And we expect the volume of data will only continue to grow. For example, social media giant Facebook now has 2 billion monthly active users. But what does this mean for some investor-owned regulated electric utilities? Smart meters, an essential element of a modernized grid, are capable of producing vast quantities of data. Data that will someday be available to three key stakeholders--electric utilities, customers, and regulators.

In this inaugural article in a series that explores key issues related to modernizing the electric grid, S&P Global Ratings looks at how the growing use of smart meters could affect electric utilities. We discuss the implications for growth, cost control, and demand response that together could affect electric utilities' management of regulatory risk, and the regulatory construct under a future modernized grid. We also examine how smart meters can enable a shift in regulatory policies or practices, which if too restrictive could undermine our otherwise favorable view of smart meters for electric utilities. From a credit quality perspective, will smart meters preserve or disrupt the regulatory construct for some investor-owned electric utilities in the future?

By regulatory construct, we mean the relative credit supportiveness of a regulatory framework under a future state that reflects a modernized grid, including the data-rich power of smart meters. The regulatory framework is important because it defines the environment in which a utility operates and can affect a utility's credit quality.

## Overview

- In the first of a series of articles exploring key issues related to modernizing the electric grid, we discuss smart meters and how its widespread adoption could affect the regulatory construct for investor-owned electric utilities.
- Smart meters continue to experience significant growth, and the penetration rate of these meters suggests that there is still potential headroom for low-risk rate base growth.
- However, smart meters can also enable a shift in regulatory policies or practices that if too restrictive could change our otherwise favorable view of smart meters for some electric utilities.
- We expect any structural shifts in regulatory policies or practices aided by smart meters will be gradual, giving electric utilities sufficient time to adapt.

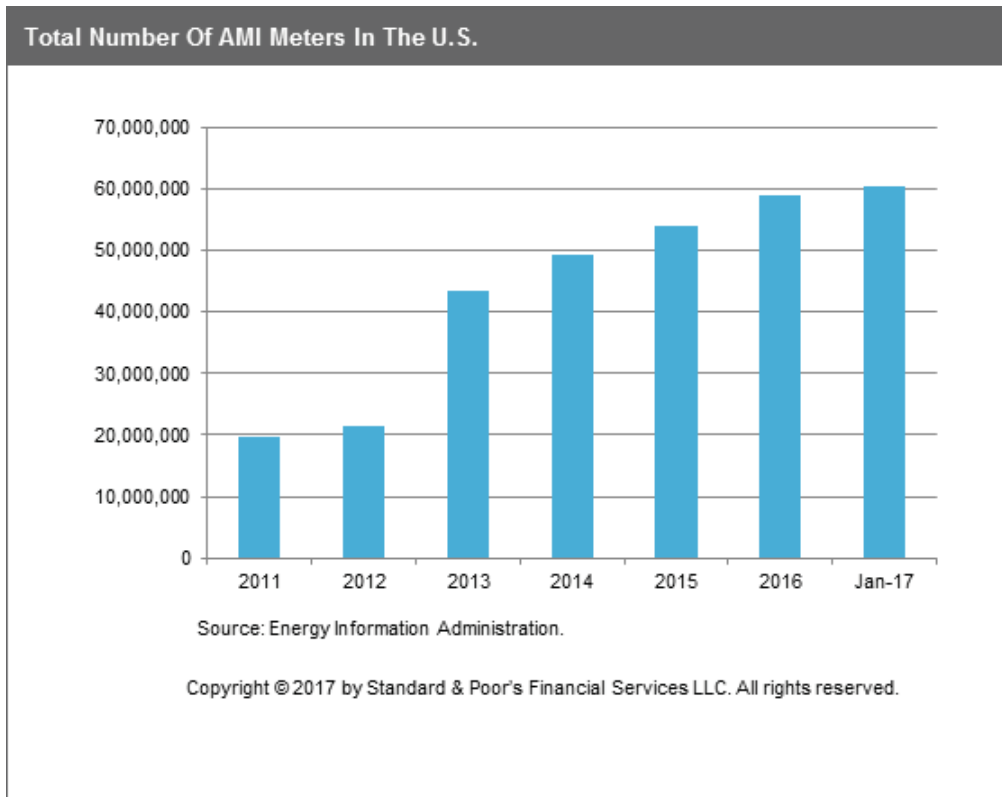
## Smart Meters Continue To Experience Significant Growth

We expect the rollout of smart meters to result in rate base growth for most regulated utilities. By smart meters we mean Advanced Metering Infrastructure or AMI, which differ from meters that have Automated Meter Reading (AMR)

*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

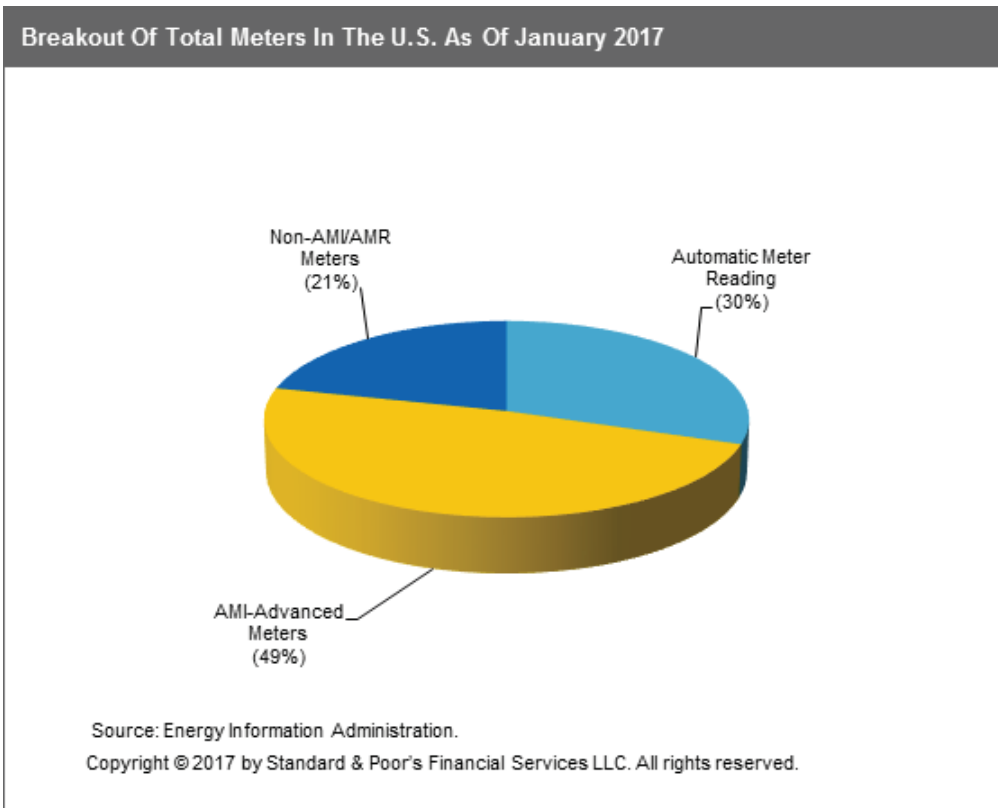
capabilities that primarily automate the collection of usage data. An AMI by contrast also enhances two-way communication between the utility and its customers, making smart meters essential to the proper functioning of a modernized grid. Smart meters continue to experience significant growth with over 60 million installed AMI meters in the U.S. as of January 2017, compared to about 20 million just six years ago (see chart 1). In addition, the penetration rate of smart meters suggests that there is still potential headroom for low-risk rate base growth, because total installed smart meters currently represent close to half of the approximately 125 million installed meters (see chart 2). In general, we view low-risk rate base growth as favorable for regulated utility bondholders because of the strong link between rate base growth and cash flow generation for most regulated utilities.

**Chart 1**



*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

**Chart 2**



For example, Consolidated Edison Co. of New York Inc. (CECONY) has the most rate base growth potential stemming from smart meters, with over 3 million traditional meters as of 2016. In March 2016, the New York Public Service Commission (NYSPSC) issued an order, approving CECONY's AMI plan. CECONY is a subsidiary of Consolidated Edison Inc. The company plans to spend close to \$1.3 billion to deploy AMI meters to its customers over the next five years. Penetration rate reflects AMI meters as a percent of total meters.

**Table 1**

Some Regulated Electric Utilities With Potential For Growth In Smart Meters						
Electric utility	Parent holding company	State	Total AMI meters as of 2016	Total meters as of 2016	Penetration rate	
Consolidated Edison Co. of New York Inc.	Consolidated Edison Inc.	NY	0	3,434,895	0%	
Public Service Electric & Gas Co.	Public Service Enterprise Group Inc.	NJ	14,676	2,199,607	1%	
Niagara Mohawk Power Corp.	National Grid PLC	NY	3,293	1,930,167	0%	
Duke Energy Florida LLC	Duke Energy Corp.	FL	77,709	1,746,145	4%	
Duke Energy Progress LLC	Duke Energy Corp.	NC	0	1,368,308	0%	
Massachusetts Electric Co.	Eversource Energy	MA	15,158	1,363,376	1%	
Public Service Co. of Colorado	Xcel Energy Inc.	CO	15,883	1,314,458	1%	

*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

**Table 1**

Some Regulated Electric Utilities With Potential For Growth In Smart Meters (cont.)					
Electric utility	Parent holding company	State	Total AMI meters as of 2016	Total meters as Of 2016	Penetration rate
Connecticut Light & Power Co.	Eversource Energy	CT	0	1,263,831	0%
NSTAR Electric Co.	Eversource Energy	MA	0	1,219,207	0%
Union Electric Co.	Ameren Corp.	MO	0	1,216,759	0%
Puget Sound Energy Inc.	Puget Energy Inc.	WA	4,954	1,149,123	0%
Jersey Central Power & Light Co.	FirstEnergy Corp.	NJ	0	1,133,503	0%
Northern States Power Co.	Xcel Energy Inc.	MN	0	1,112,133	0%
Entergy Louisiana LLC	Entergy Corp.	LA	12,210	1,090,299	1%
Ohio Edison Co.	FirstEnergy Corp.	OH	11	1,052,079	0%

Source: Energy Information Administration.

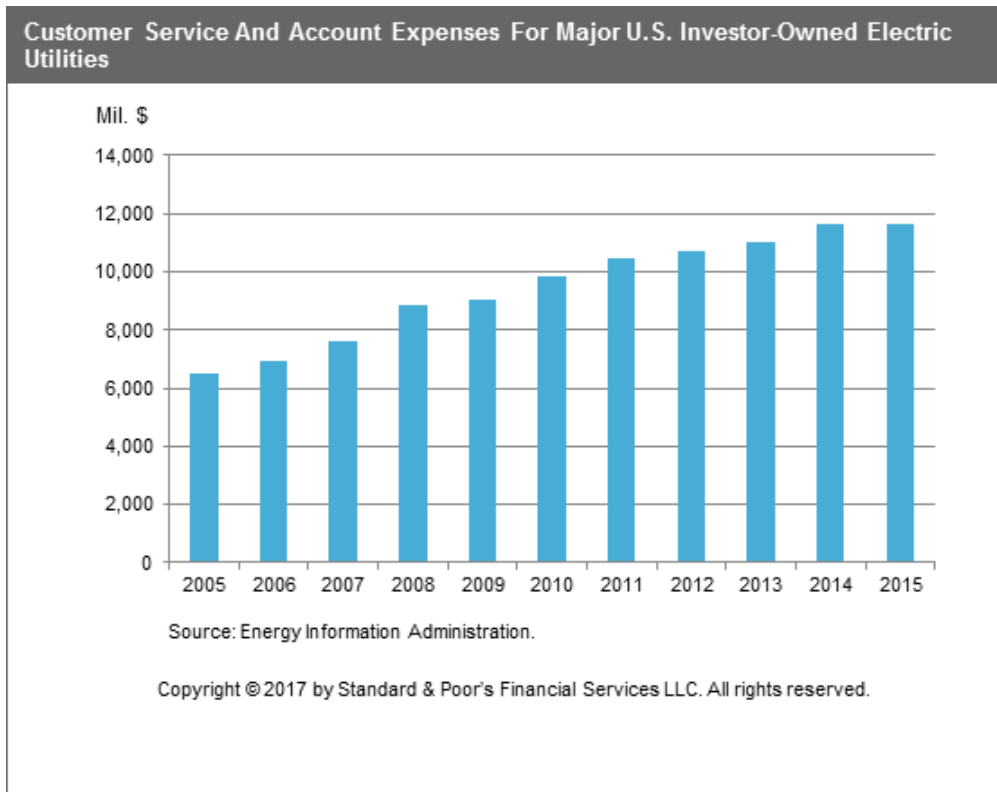
### Smart Meters Can Help Some Electric Utilities Manage Costs...

A utility's ability to manage both fixed and variable costs in line with regulatory expectations is among one of many factors that we evaluate when assessing operating efficiency for regulated utilities, which can affect business risk. It is likely that smart meters could help electric utilities manage costs such as billing, meter reading, and customer call centers traditionally associated with servicing customer accounts. For example, 2015 marked the first time in the past 10 years where major U.S. investor-owned electric utilities saw an actual decrease in customer centric operating expenses (see chart 3).



*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

Chart 3



We expect the widespread adoption of smart meters to replace the need for utilities to maintain large meter-reading personnel. Smart meters can also help electric utilities realize cost savings through reduced truck rolls, and during mass power outages caused by storms. Truck rolls occur when utilities dispatch service personnel to help troubleshoot a customer's power outage during normal weather conditions. We expect such cost control to marginally enhance the utilities' ability to effectively manage regulatory risk because savings passed on to customers generally foster good relationships with utility regulators and create more headroom for capital investment.

### **...And Enable Shifts In Regulatory Policies For Other Electric Utilities**

#### **New York**

Back to New York, it is worth noting that the deployment of CECONY's smart meters or AMI plan is also part of a broader effort for CECONY to implement Gov. Andrew Cuomo's Reforming The Energy Vision (REV) plan. At its core, REV aims to modernize the electricity grid to improve electric system efficiency and reliability, encourage more distributed generation (DG), and empower customer choice. Electric utilities in New York are not permitted to own DG resources except in limited circumstances, which we view as somewhat restrictive. Since its inception in 2014, REV has expanded to include much broader policy goals, including a clean energy standard that mandates that 50% of New York State's electricity come from renewable energy resources, and for reducing carbon emissions by 40% by 2030. In

*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

March 2017, the NYSPSC issued another related REV order on net energy metering, gradually phasing in a new market-based compensation mechanism for DG by developing Value of Distributed Energy (VDER) tariffs. Although still in its infancy, these developments signal a shift in regulatory policy in New York that is somewhat restrictive, potentially undermining our otherwise favorable view of smart meters for electric utilities operating in the state.

**California**

The California Public Utilities Commission (CPUC) will require electric utilities to change residential customers' tariffs to reflect time-of-use (TOU) rates by January 2019 (see California's Rate Reforms Underscore The Importance Of Managing Regulatory Risk, Oct. 2, 2015). TOU are rates that vary depending on the time of day electricity is used. One of the guiding principles behind residential rate reform in California is to encourage more demand response from customers, which means encouraging customers to reduce their energy consumption during certain periods of the day, when the energy needs of the electric system is at its highest. We expect most affected electric utilities in California will successfully implement this change in part due to the widespread availability of residential smart meters. For example, almost all residential meters of the big-three investor-owned electric utilities, Pacific Gas & Electric Co., Southern California Edison Co., and San Diego Gas & Electric Co., are smart meters.

Will the proliferation of smart meters prompt other states to follow New York and California? (See "Utility Regulatory Hot Spots In North America: Six U.S. States To Watch," Jan. 24, 2017). We suspect that gradual regulatory shifts could occur in states where electric prices are higher than the national average (see table 2), with smart meters serving as technological enablers of change.

**Table 2**

Ranking Of 2016 Statewide Price To Ultimate Customers (Cents/kWh)													
		Average price (cents/kWh)											
		Ultimate			Residential			Commercial			Industrial		
Rank	State	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014
1	Hawaii	23.54	25.95	33.15	27.38	29.62	36.96	24.44	26.81	34.01	20.28	22.71	29.82
2	New Hampshire	19.2	18.62	17.65	18.69	18.52	17.76	19.26	18.33	16.92	29.16	21.72	20.96
3	Connecticut	18.84	19.87	17.87	19.75	20.73	18.83	16.1	17.54	16.01	14.37	16.14	14.42
4	Massachusetts	18.33	19.73	17	19.75	20.77	17.81	15.33	17.58	15.65	14.37	17.42	14.98
5	Rhode Island	17.71	18.62	16.31	18.43	19.2	17.06	16.26	17.66	15.38	15.19	17.33	14.89
6	California	16.61	16.84	16.47	18.1	17.63	16.81	16.22	17.2	17.18	14	14.07	13.83
7	New York	16.28	17.52	19.35	17.03	18.19	20.17	15.69	17.18	18.83	6.65	7.58	9.93
8	New Jersey	14.48	14.53	14.49	15.63	15.62	15.37	12.84	13.02	13.32	6.31	7.09	8.56
9	Vermont	14.1	14.01	14.24	17.27	16.91	17.44	14.35	14.33	14.41	9.77	9.81	9.73
10	Maryland	13.66	13.35	12.99	14.16	13.64	13.26	12.05	12.52	12.38	9.87	10.28	10.07
11	Maine	13.63	13.66	12.93	14.62	14.61	15.18	11.49	11.77	12.29	--	--	--
12	Delaware	13.34	13.33	13.05	13.68	13.7	13.66	12.41	12.43	11.35	9.49	8.84	9.6
13	Pennsylvania	12.88	12.58	12.26	13.58	13.17	12.8	11.12	11.42	11.14	7.79	8.2	9.29
14	District of Columbia	12.22	12.27	12.38	12.21	12.3	12.49	12.24	12.23	12.24	--	--	--
15	Ohio	11.7	11.57	11.57	12.5	12.94	13.13	10.76	11.34	12.03	6.95	6.4	6.3
16	Michigan	11.67	11.34	11.66	15.41	14.51	14.6	10.93	10.89	11.29	7.16	7.31	8.09
17	Arizona	11.46	11.4	11.14	12.58	12.51	12.28	11.38	11.34	11.1	8.01	8.07	7.82

*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

**Table 2**

Ranking Of 2016 Statewide Price To Ultimate Customers (Cents/kWh) (cont.)													
		Average price (cents/kWh)											
		Ultimate			Residential			Commercial			Industrial		
Rank	State	2016	2015	2014	2016	2015	2014	2016	2015	2014	2016	2015	2014
18	Montana	10.86	10.9	10.07	11.55	11.58	10.57	11.08	11.15	10.37	7.52	7.69	7.15
19	Wisconsin	10.85	10.93	10.74	14.35	14.44	13.93	10.84	10.97	10.87	7.6	7.68	7.59
20	Alaska	10.75	10.38	10.44	11.84	11.85	11.85	9.82	9.75	9.92	10.42	9.45	9.42
21	Kansas	10.63	10.06	10.01	13.09	12.15	11.93	10.14	9.73	9.72	7.64	7.4	7.49
22	South Dakota	10.57	10.16	9.52	12.09	11.6	10.78	10.6	10.07	9.51	7.39	7.45	6.82
23	Illinois	10.36	10.59	10.01	11.78	12.28	11.38	8.94	9.45	9.52	5.23	5.26	5.88
24	Washington	9.97	9.63	9.16	10.61	10.08	9.46	9.8	9.64	9.29	7.73	7.62	7.31
25	Alabama	9.82	9.39	9.23	12.66	12.2	11.8	11.59	11.13	10.89	6.35	6.14	6.22
26	Florida	9.72	10.33	10.59	10.85	11.45	11.75	8.63	9.26	9.52	7.39	8.07	8.12
27	Missouri	9.7	9.36	8.97	11.4	11.58	10.87	9.16	9.07	8.77	7.04	6.16	6.05
28	Oregon	9.69	9.61	9.55	11.24	11.36	11.24	9.24	9.17	9.1	7.09	6.87	6.85
29	Colorado	9.55	9.74	9.97	11.74	11.86	12.05	9.41	9.82	10.14	6.68	6.68	6.82
30	South Carolina	9.44	9.49	9.52	12.58	12.57	12.35	9.99	9.98	10.05	5.94	6.17	6.3
31	Minnesota	9.29	8.95	9.07	12.58	12.05	12.21	9.65	9.23	9.93	6.66	6.58	6.26
32	Georgia	9.16	9.21	9.86	12.03	12.15	12.37	9.45	9.56	10.22	5.44	5.48	6.48
33	Indiana	9.1	8.9	9.07	11.48	11.17	11.21	9.93	9.68	9.94	7.11	7.01	7.23
34	North Dakota	9.1	8.78	8.36	10.11	9.57	9.01	8.86	8.52	8.49	7.05	7.36	7.06
35	New Mexico	8.97	9.69	9.77	11.7	12.33	12.17	9.55	10.32	10.33	4.89	5.42	5.92
36	Nevada	8.9	10.22	10.45	11.46	12.9	13.09	8.26	9.66	9.95	6.48	7.69	7.98
37	West Virginia	8.87	8.08	7.61	11.18	10.04	9.27	9.33	8.58	7.95	6.57	6.09	5.87
38	Virginia	8.86	8.99	8.92	11.22	11.09	10.93	7.7	7.97	7.92	6.34	6.54	6.59
39	Kentucky	8.73	8.48	8.34	10.24	9.88	9.65	9.36	9.2	9.12	6.38	6.28	6.17
40	Utah	8.73	8.55	8.35	11.59	11.49	11.22	8.81	8.66	8.6	6.29	6.13	5.97
41	North Carolina	8.63	8.75	8.7	10.57	10.78	10.54	8.14	8.18	8.22	6.11	6.31	6.28
42	Iowa	8.21	7.94	7.71	12	11.55	10.98	9.2	8.86	8.53	5.77	5.58	5.38
43	Idaho	8.2	8.2	8.06	10.21	10.2	9.98	7.95	7.96	7.92	6.68	6.73	6.59
44	Arkansas	8.09	8.17	7.64	9.96	9.84	9.14	7.95	8.09	7.63	6.29	6.49	6.07
45	Mississippi	8.01	9.46	9.66	9.38	11.03	11.19	8.51	10.11	10.4	6.03	7.07	7.18
46	Wyoming	7.96	7.87	7.62	12.22	12.1	11.43	10.11	9.87	9.44	6.68	6.61	6.45
47	Tennessee	7.3	7.07	7.48	8.49	8.32	8.61	8.72	8.35	8.75	5.73	5.66	6.1
48	Louisiana	7.27	7.72	8.3	9.34	9.61	10	8.55	8.86	9.48	4.98	5.36	6
49	Oklahoma	7.26	7.33	7.65	9.67	9.59	9.53	6.94	6.99	7.52	4.56	4.94	5.37
50	Texas	7.21	7.27	7.6	10.18	10.05	10.31	7.75	7.91	8.21	4.88	4.96	5.44
	Industry average/total	10.58	10.77	10.81	12.86	12.97	12.81	10.35	10.7	10.88	6.89	7.06	7.27

Source: S&P Global Market Intelligence.

*Will Smart Meters Preserve Or Disrupt The Regulatory Construct For Investor-Owned Electric Utilities?*

## The Verdict

Overall, we expect U.S. investor-owned electric utilities will ultimately manage to preserve their regulatory constructs under a modernized grid that includes smart meters. For one, electric utilities have historically shown resilience in the face of other seemingly disruptive forces, including deregulation, shifts in commodity prices, and catastrophic weather conditions such as hurricanes. In addition, we view the rate base growth potential, and cost control as generally favorable for credit quality, making smart meters a viable technology that we expect will enable most electric utilities to effectively manage regulatory risk. Furthermore, given the essential nature of the service electric utilities provide, we expect any structural shifts in regulatory policies or practices aided by smart meters will be gradual, giving electric utilities sufficient time to adapt.

## Related Criteria And Research

### Related Research

- Utility Regulatory Hot Spots In North America: Six U.S. States To Watch, Jan. 24, 2017
- California's Rate Reforms Underscore The Importance Of Managing Regulatory Risk, Oct. 2, 2015

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**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 5**

**Responding Witness: Daniel K. Arbough**

- Q-5. Please provide the most recent senior secured, unsecured and corporate credit ratings and outlook of KU assigned by S&P, Moody's and Fitch. Also, please provide their S&P business and financial risk profiles.
- A-5. The most recent ratings and outlook assigned by S&P and Moody's and the S&P business and financial risk profiles are provided below. In January 2015, Fitch withdrew its ratings for KU at the request of the Company.

<u>Ratings</u>	<u>KU</u>		<u>PPL</u>	
	<u>S&amp;P</u>	<u>Moody's</u>	<u>S&amp;P</u>	<u>Moody's</u>
Senior Secured	A	A1	N/A	N/A
Unsecured	N/A	N/A	N/A	N/A
Corporate Credit	A-	A3	A-	Baa2
Outlook	Stable	Stable	Stable	Stable
Business Risk	Excellent		Excellent	
Financial Risk	Significant		Significant	

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 6**

**Responding Witness: Daniel K. Arbough**

- Q-6. Please provide all copies of all correspondence, presentations and all other materials that KU provided to credit and equity analysts over the last two years.
- A-6. See the response to LFUCG 1-86.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 7**

**Responding Witness: Daniel K. Arbough**

- Q-7. In an electronic spreadsheet with all formulas intact, please provide the monthly average balances for construction work in progress and short-term debt for the most recent 13-month period. Please separate and identify the amounts associated with each jurisdiction and separated by electric and gas operations.
- A-7. See attachment being provided in Excel format.



The attachment is being provided in a separate file in Excel format.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
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**Case No. 2018-00294**

**Question No. 8**

**Responding Witness: Daniel K. Arbough**

- Q-8. In an electronic spreadsheet with all formulas intact, please provide the five-year projected and five-year historical capital structure, capital expenditures and capital funding.
  
- A-8. See the attachment being provided in Excel format. The base period and three years of projections have been provided consistent with the filing requirements Section 16(7)(b), Section 16(7)(h)(2) and Section 16(7)(h)(3).

The attachment is being provided in a separate file in Excel format.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 9**

**Responding Witness: Daniel K. Arbough / Robert M. Conroy**

- Q-9. Please identify the common equity ratio and return on equity approved in KU's last fully litigated rate case for its KY retail operations.
- A-9. See the Commission's Order issued June 22, 2017 in Case No. 2016-00370.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 10**

**Responding Witness: Daniel K. Arbough**

Q-10. Please provide copies of all credit reports published by Standard & Poor's ("S&P"), Moody's and Fitch Ratings for KU and their parent company issued over the last two years.

A-10. See the response to LFUCG 1-88.

**KENTUCKY UTILITIES COMPANY**

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Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 11**

**Responding Witness: Daniel K. Arbough**

- Q-11. Please provide the amount of capitalized interest estimated to be paid during the test year related to construction projects. Please separate and identify the amounts associated with each jurisdiction and separated by electric and gas operations.
- A-11. KU estimated \$6,206 of capitalized interest related to construction projects during the test year of which \$4,834 is allocated to the Kentucky jurisdictional customers.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 12**

**Responding Witness: Daniel K. Arbough**

- Q-12. Please state whether KU's regulated electric retail operations has any off balance sheet debt such as purchased power agreements and operating leases. If the answer is "yes," provide the amount of each off-balance sheet debt item and estimate the related imputed interest and amortization expense associated with these off balance sheet debt equivalents specific to KU's jurisdictional regulated retail electric operations.
- A-12. Yes, the Company's operating leases and pension are treated as an off-balance sheet debt adjustment. See the response to US DOD 1-2 where the operating leases and pension debt amounts are included in the adjusted debt balance for S&P. The operating lease and pension imputed interest and amortization expense are \$4,413,022 and \$(9,619,628) respectively.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 13**

**Responding Witness: Daniel K. Arbough**

Q-13. To the extent not already provided, please provide in electronic format with all formulas intact, the calculation of KU's credit metric calculations by Standard and Poor's and Moody's.

A-13. See the response to Question No. 2.



**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
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**Case No. 2018-00294**

**Question No. 14**

**Responding Witness: Daniel K. Arbough**

Q-14. Please provide a detailed explanation of KU's dividend payment and debt financing plans through the test period.

A-14. Dividends are calculated every quarter in the projected portion of the base and test year using a payout assumption of 65% of the previous quarter's net income. To the extent cash from operations is not sufficient to fund capital expenditures and financing cash flows for dividends and debt maturities, the Company funds those needs with short-term debt, typically in the form of commercial paper, until the prescribed maximum has been reached. At that time, the Company issues long-term debt to reduce the amount of outstanding short-term debt.

See Tab 16 Filing Requirement Section 16(7)(c) Item A pages 15 through 16 of 19 which provides an in-depth discussion of the methodology used to calculate dividend payments and the determination of financing.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 15**

**Responding Witness: Daniel K. Arbough**

Q-15. Do any of KU's outstanding long-term debt issues have call provisions? If the answer is "yes," please provide a list of the callable issues with the following:

- a. outstanding balance
- b. issuance date
- c. maturity date
- d. coupon payment percent
- e. annual interest expense
- f. call price (as a percent of par).

A-15. A listing of KU's callable debt is as follows:

<b>Outstanding Balance</b>	<b>Issuance Date</b>	<b>Maturity Date</b>	<b>Coupon Payment Percent</b>	<b>Annual Interest Expense</b>	<b>Call Price (As a Percent of Par)</b>	<b>Call Date</b>
a	b	c	d	r	f	
\$ 500,000,000	11/16/2010	11/1/2020	3.250%	\$ 16,250,000	100%	8/1/2020
250,000,000	9/28/2015	10/1/2025	3.300%	8,250,000	100%	7/1/2025
750,000,000	11/16/2010	11/1/2040	5.125%	38,437,500	100%	5/1/2040
250,000,000	11/14/2013	11/15/2043	4.650%	11,625,000	100%	5/15/2043
250,000,000	9/28/2015	10/1/2045	4.375%	10,937,500	100%	4/1/2045
17,875,000	9/5/2018	2/1/2026	3.375%	603,281	100%	12/1/2023

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 16**

**Responding Witness: Daniel K. Arbough**

- Q-16. Has KU performed any debt refinancing feasibility studies on its outstanding debt issues? If the answer is “yes,” please provide the following:
- a. A detailed description of the results from the study.
  - b. A detailed description of the conclusions(s) made by KU based on the results of the study.
  - c. All debt refinancing feasibility studies in an electronic spreadsheet with all formulas intact.
- A-16. The Company has not performed any debt refinancing feasibility studies. As noted in the response to Question No. 15, there are no bonds currently callable. The Company’s large taxable first mortgage bonds may only be redeemed via paying the make-whole premium included in the terms of the bonds or via a tender offer. The discount rates used to determine the make-whole premium are much lower than the current credit spreads thereby making refinancing unattractive. Likewise, the Company has not seen opportunities to refinance via a tender offer that results in savings.
- a. Not applicable.
  - b. Not applicable.
  - c. Not applicable.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
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**Case No. 2018-00294**

**Question No. 17**

**Responding Witness: Daniel K. Arbough**

Q-17. Please confirm that PPL Corporation or KU are not on credit watch, review for downgrade, or have anything other than a “stable” outlook by any of the major ratings agencies. If this cannot be confirmed, please provide all reports in support of your response.

A-17. See the response to Question No. 5.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 18**

**Responding Witness: Adrien M. McKenzie**

- Q-18. Mr. McKenzie relies on “threshold tests employed by FERC” to establish low-end and high-end outliers. Please state whether or not Mr. McKenzie is familiar with the FERC’s proposed methodology for high-end outliers in 165 FERC ¶ 61,030.
- A-18. Mr. McKenzie has reviewed FERC’s October 16, 2018 order in Docket No. EL11-66, 165 FERC ¶ 61,030 (“Coakley Remand Order”), including the proposed methodology for evaluating estimates at the upper end of the ranges produced by the discounted cash flow (“DCF”) model, the Capital Asset Pricing Model (“CAPM”), and the Expected Earnings method.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 19**

**Responding Witness: Adrien M. McKenzie**

- Q-19. If Mr. McKenzie is familiar with the methodology proposed in 165 FERC ¶ 61,030, please apply FERC's proposed high-end outlier test of 1.5x the median before any outliers are removed, to Mr. McKenzie's DCF results.
- A-19. Mr. McKenzie did not conduct the requested analysis in the course of preparing his testimony in this proceeding. Moreover, the methodology to evaluate upper-end cost of equity estimates proposed in the Coakley Remand Order has not been approved by FERC, which has requested briefing on this issue and all other aspects of FERC's proposed ROE methodology. In addition, the proposed test of upper end values is only one aspect of the ROE methodology presented in the Coakley Remand Order. As a result, application of this test in isolation to the results of a different DCF approach in this proceeding, while ignoring other important aspects of FERC's proposed ROE methodology would not provide a meaningful basis on which to evaluate a fair ROE for KU in this proceeding.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 20**

**Responding Witness: John J. Spanos**

- Q-20. Please provide Gannett Fleming's most recent version of the database it maintains for the Service Life and Net Salvage Statistics by FERC Account for U.S. Electric Utilities, in Microsoft Excel format.
- A-20. See attachment being provided in Excel format. The attachment sets forth the most recent version of the industry service life and net salvage statistics by FERC account for steam assets.

The attachment is being provided in a separate file in Excel format.



**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 21**

**Responding Witness: John J. Spanos**

Q-21. Please provide all data utilized to create the original life tables presented in the depreciation study, as well as any applicable transaction or location code keys. Additionally, Please provide in Excel format or .csv format, the original life tables for all accounts presented in Part VII of the depreciation study filed as Exhibit JJS-KU-1. If not available in the requested format, Microsoft Word format will suffice.

A-21. See Attachment 1. The attached file presents the original life tables in the depreciation study.

See Attachment 2 being provided in Excel format. The attached file provides the location identifiers.

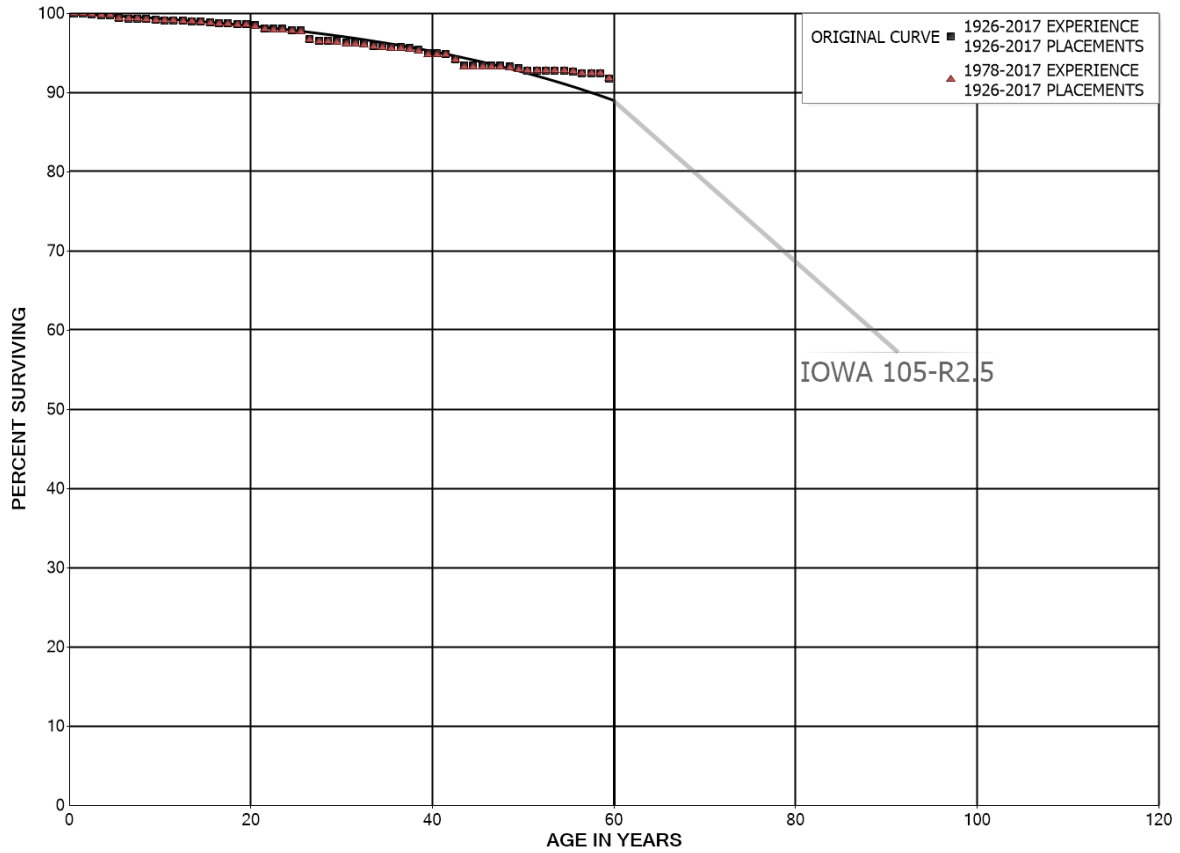
See Attachment 3 being provided in Excel format. The attached file sets forth all data utilized to create the original life tables presented in the depreciation study.

See Attachment 4 which provides the applicable transaction codes.

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY  
ACCOUNT 311 STRUCTURES AND IMPROVEMENTS  
ORIGINAL AND SMOOTH SURVIVOR CURVES



Attachment 1 to Response to US DOD-1 Question No. 21

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1926-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	358,518,587		0.0000	1.0000	100.00
0.5	351,924,916	5,735	0.0000	1.0000	100.00
1.5	328,708,696	542,452	0.0017	0.9983	100.00
2.5	315,469,873	186,540	0.0006	0.9994	99.83
3.5	295,009,739	50,433	0.0002	0.9998	99.77
4.5	246,487,512	892,904	0.0036	0.9964	99.76
5.5	243,542,184	151,374	0.0006	0.9994	99.40
6.5	183,713,875	21,095	0.0001	0.9999	99.33
7.5	181,393,884	167,151	0.0009	0.9991	99.32
8.5	180,443,088	170,873	0.0009	0.9991	99.23
9.5	179,882,605	39,157	0.0002	0.9998	99.14
10.5	162,876,515	27,824	0.0002	0.9998	99.12
11.5	162,624,174	27,779	0.0002	0.9998	99.10
12.5	145,848,932	154,244	0.0011	0.9989	99.08
13.5	142,441,493	120,680	0.0008	0.9992	98.98
14.5	142,016,095	118,767	0.0008	0.9992	98.89
15.5	157,096,352	64,102	0.0004	0.9996	98.81
16.5	155,914,569	78,589	0.0005	0.9995	98.77
17.5	155,523,308	109,268	0.0007	0.9993	98.72
18.5	155,346,066	62,571	0.0004	0.9996	98.65
19.5	154,987,568	206,911	0.0013	0.9987	98.61
20.5	143,402,327	580,656	0.0040	0.9960	98.48
21.5	187,437,754	106,129	0.0006	0.9994	98.08
22.5	186,832,000	15,619	0.0001	0.9999	98.03
23.5	170,218,360	232,862	0.0014	0.9986	98.02
24.5	169,366,818	175,871	0.0010	0.9990	97.88
25.5	168,105,725	1,787,256	0.0106	0.9894	97.78
26.5	161,493,737	306,243	0.0019	0.9981	96.74
27.5	120,744,487	17,931	0.0001	0.9999	96.56
28.5	119,429,170	61,674	0.0005	0.9995	96.54

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	118,796,303	298,696	0.0025	0.9975	96.49	
30.5	115,686,197	3,716	0.0000	1.0000	96.25	
31.5	112,904,819	114,710	0.0010	0.9990	96.25	
32.5	111,638,165	307,859	0.0028	0.9972	96.15	
33.5	95,247,801	87,047	0.0009	0.9991	95.89	
34.5	95,146,045	41,008	0.0004	0.9996	95.80	
35.5	93,353,668	77,282	0.0008	0.9992	95.76	
36.5	58,530,613	44,328	0.0008	0.9992	95.68	
37.5	58,057,903	111,949	0.0019	0.9981	95.60	
38.5	57,138,911	262,133	0.0046	0.9954	95.42	
39.5	56,794,416		0.0000	1.0000	94.98	
40.5	40,448,823	63,504	0.0016	0.9984	94.98	
41.5	40,385,319	270,668	0.0067	0.9933	94.83	
42.5	39,696,986	344,462	0.0087	0.9913	94.20	
43.5	24,909,022		0.0000	1.0000	93.38	
44.5	24,883,859		0.0000	1.0000	93.38	
45.5	24,815,328	5,000	0.0002	0.9998	93.38	
46.5	17,322,875	2,942	0.0002	0.9998	93.36	
47.5	17,304,689	17,705	0.0010	0.9990	93.35	
48.5	17,283,856	35,694	0.0021	0.9979	93.25	
49.5	17,231,852	60,621	0.0035	0.9965	93.06	
50.5	17,167,131		0.0000	1.0000	92.73	
51.5	16,395,544	1,141	0.0001	0.9999	92.73	
52.5	16,375,513		0.0000	1.0000	92.72	
53.5	16,373,692	9,523	0.0006	0.9994	92.72	
54.5	13,953,787	13,326	0.0010	0.9990	92.67	
55.5	13,906,348	30,823	0.0022	0.9978	92.58	
56.5	13,642,481	829	0.0001	0.9999	92.38	
57.5	13,620,945	1,385	0.0001	0.9999	92.37	
58.5	11,482,732	82,243	0.0072	0.9928	92.36	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	11,376,042	943	0.0001	0.9999	91.70	
60.5	9,789,416		0.0000	1.0000	91.69	
61.5	7,235,866		0.0000	1.0000	91.69	
62.5	7,182,368		0.0000	1.0000	91.69	
63.5	5,617,756		0.0000	1.0000	91.69	
64.5	5,297,850		0.0000	1.0000	91.69	
65.5	4,606,841		0.0000	1.0000	91.69	
66.5	3,367,891		0.0000	1.0000	91.69	
67.5	2,386,014	11,983	0.0050	0.9950	91.69	
68.5	2,370,273		0.0000	1.0000	91.23	
69.5	2,065,836		0.0000	1.0000	91.23	
70.5	1,041,808		0.0000	1.0000	91.23	
71.5	1,041,808		0.0000	1.0000	91.23	
72.5	1,041,808		0.0000	1.0000	91.23	
73.5	1,041,808		0.0000	1.0000	91.23	
74.5	1,041,808		0.0000	1.0000	91.23	
75.5	1,041,808		0.0000	1.0000	91.23	
76.5					91.23	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1978-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	299,600,037		0.0000	1.0000	100.00
0.5	310,488,444	5,735	0.0000	1.0000	100.00
1.5	287,321,240	542,452	0.0019	0.9981	100.00
2.5	274,726,156	186,540	0.0007	0.9993	99.81
3.5	269,204,050	50,433	0.0002	0.9998	99.74
4.5	220,709,661	867,876	0.0039	0.9961	99.72
5.5	218,028,572	142,045	0.0007	0.9993	99.33
6.5	165,915,832	21,095	0.0001	0.9999	99.27
7.5	163,705,191	167,151	0.0010	0.9990	99.25
8.5	162,787,096	170,873	0.0010	0.9990	99.15
9.5	162,229,923	35,941	0.0002	0.9998	99.05
10.5	145,245,245	18,151	0.0001	0.9999	99.03
11.5	145,014,156	27,779	0.0002	0.9998	99.01
12.5	128,259,088	135,057	0.0011	0.9989	98.99
13.5	124,903,848	120,680	0.0010	0.9990	98.89
14.5	125,758,862	118,767	0.0009	0.9991	98.79
15.5	140,839,120	64,102	0.0005	0.9995	98.70
16.5	139,677,521	77,268	0.0006	0.9994	98.66
17.5	139,344,819	107,012	0.0008	0.9992	98.60
18.5	141,554,132	62,571	0.0004	0.9996	98.53
19.5	141,276,145	206,911	0.0015	0.9985	98.48
20.5	129,690,904	579,229	0.0045	0.9955	98.34
21.5	176,232,830	106,129	0.0006	0.9994	97.90
22.5	175,667,733	15,619	0.0001	0.9999	97.84
23.5	160,832,895	232,862	0.0014	0.9986	97.83
24.5	161,850,851	122,952	0.0008	0.9992	97.69
25.5	160,642,956	1,737,271	0.0108	0.9892	97.62
26.5	154,905,635	306,243	0.0020	0.9980	96.56
27.5	116,958,729	17,931	0.0002	0.9998	96.37
28.5	115,682,950	61,174	0.0005	0.9995	96.35

Attachment 1 to Response to US DOD-1 Question No. 21

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	115,412,545	298,696	0.0026	0.9974	96.30	
30.5	114,519,665	3,716	0.0000	1.0000	96.05	
31.5	111,738,287	114,710	0.0010	0.9990	96.05	
32.5	110,471,633	307,859	0.0028	0.9972	95.95	
33.5	94,081,269	87,047	0.0009	0.9991	95.69	
34.5	93,979,513	41,008	0.0004	0.9996	95.60	
35.5	92,187,136	77,282	0.0008	0.9992	95.56	
36.5	57,364,081	44,328	0.0008	0.9992	95.47	
37.5	56,891,371	111,949	0.0020	0.9980	95.40	
38.5	55,995,116	262,133	0.0047	0.9953	95.21	
39.5	55,650,621		0.0000	1.0000	94.77	
40.5	39,305,028	33,715	0.0009	0.9991	94.77	
41.5	39,271,313	270,668	0.0069	0.9931	94.69	
42.5	38,582,980	344,462	0.0089	0.9911	94.03	
43.5	23,795,016		0.0000	1.0000	93.19	
44.5	23,769,853		0.0000	1.0000	93.19	
45.5	23,701,322		0.0000	1.0000	93.19	
46.5	16,213,869	2,942	0.0002	0.9998	93.19	
47.5	16,195,683	17,705	0.0011	0.9989	93.18	
48.5	16,174,850	35,694	0.0022	0.9978	93.08	
49.5	16,122,846	18,423	0.0011	0.9989	92.87	
50.5	16,100,323		0.0000	1.0000	92.76	
51.5	16,395,544	1,141	0.0001	0.9999	92.76	
52.5	16,375,513		0.0000	1.0000	92.76	
53.5	16,373,692	9,523	0.0006	0.9994	92.76	
54.5	13,953,787	13,326	0.0010	0.9990	92.70	
55.5	13,906,348	30,823	0.0022	0.9978	92.62	
56.5	13,642,481	829	0.0001	0.9999	92.41	
57.5	13,620,945	1,385	0.0001	0.9999	92.40	
58.5	11,482,732	82,243	0.0072	0.9928	92.39	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

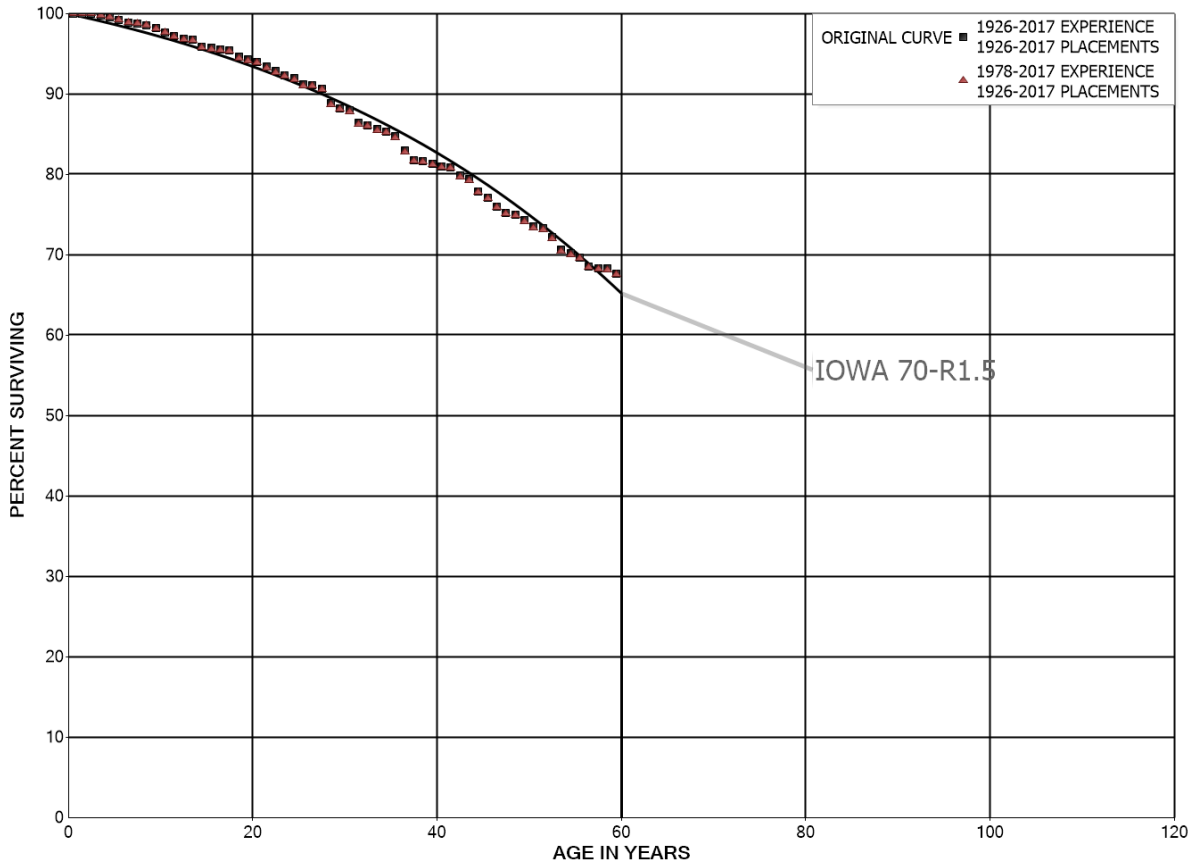
PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	11,376,042	943	0.0001	0.9999	91.73	
60.5	9,789,416		0.0000	1.0000	91.73	
61.5	7,235,866		0.0000	1.0000	91.73	
62.5	7,182,368		0.0000	1.0000	91.73	
63.5	5,617,756		0.0000	1.0000	91.73	
64.5	5,297,850		0.0000	1.0000	91.73	
65.5	4,606,841		0.0000	1.0000	91.73	
66.5	3,367,891		0.0000	1.0000	91.73	
67.5	2,386,014	11,983	0.0050	0.9950	91.73	
68.5	2,370,273		0.0000	1.0000	91.26	
69.5	2,065,836		0.0000	1.0000	91.26	
70.5	1,041,808		0.0000	1.0000	91.26	
71.5	1,041,808		0.0000	1.0000	91.26	
72.5	1,041,808		0.0000	1.0000	91.26	
73.5	1,041,808		0.0000	1.0000	91.26	
74.5	1,041,808		0.0000	1.0000	91.26	
75.5	1,041,808		0.0000	1.0000	91.26	
76.5					91.26	



Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY  
ACCOUNT 312 BOILER PLANT EQUIPMENT  
ORIGINAL AND SMOOTH SURVIVOR CURVES



Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
0.0	4,159,160,426	628,572	0.0002	0.9998	100.00	
0.5	4,102,565,263	73,861	0.0000	1.0000	99.98	
1.5	3,983,390,994	2,670,287	0.0007	0.9993	99.98	
2.5	3,576,555,643	8,372,094	0.0023	0.9977	99.92	
3.5	2,920,023,261	5,297,148	0.0018	0.9982	99.68	
4.5	2,542,611,810	8,847,635	0.0035	0.9965	99.50	
5.5	1,898,389,862	5,321,171	0.0028	0.9972	99.16	
6.5	1,320,175,658	1,613,167	0.0012	0.9988	98.88	
7.5	1,255,324,757	2,600,881	0.0021	0.9979	98.76	
8.5	1,224,744,277	4,930,048	0.0040	0.9960	98.55	
9.5	1,193,168,148	6,014,361	0.0050	0.9950	98.16	
10.5	1,060,904,142	5,829,846	0.0055	0.9945	97.66	
11.5	1,036,359,392	3,358,366	0.0032	0.9968	97.12	
12.5	952,096,033	1,082,835	0.0011	0.9989	96.81	
13.5	750,877,056	6,642,177	0.0088	0.9912	96.70	
14.5	735,574,350	1,152,589	0.0016	0.9984	95.84	
15.5	775,689,957	1,433,490	0.0018	0.9982	95.69	
16.5	766,312,885	1,048,295	0.0014	0.9986	95.52	
17.5	764,470,085	6,401,936	0.0084	0.9916	95.39	
18.5	751,319,521	2,630,376	0.0035	0.9965	94.59	
19.5	746,195,650	2,501,448	0.0034	0.9966	94.26	
20.5	704,753,222	4,309,440	0.0061	0.9939	93.94	
21.5	737,940,907	4,218,001	0.0057	0.9943	93.37	
22.5	721,374,095	3,867,817	0.0054	0.9946	92.83	
23.5	629,563,724	2,903,728	0.0046	0.9954	92.33	
24.5	607,766,242	4,688,331	0.0077	0.9923	91.91	
25.5	589,984,333	940,249	0.0016	0.9984	91.20	
26.5	581,255,942	2,874,827	0.0049	0.9951	91.05	
27.5	530,070,177	10,521,562	0.0198	0.9802	90.60	
28.5	517,310,244	3,369,517	0.0065	0.9935	88.80	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	508,837,169	1,852,641	0.0036	0.9964	88.23	
30.5	503,872,687	8,746,216	0.0174	0.9826	87.91	
31.5	493,560,467	1,591,460	0.0032	0.9968	86.38	
32.5	491,681,469	2,973,812	0.0060	0.9940	86.10	
33.5	354,672,584	1,008,415	0.0028	0.9972	85.58	
34.5	353,090,051	2,616,046	0.0074	0.9926	85.34	
35.5	343,993,127	7,279,466	0.0212	0.9788	84.70	
36.5	206,709,645	2,826,368	0.0137	0.9863	82.91	
37.5	202,021,484	357,029	0.0018	0.9982	81.78	
38.5	193,547,312	705,265	0.0036	0.9964	81.63	
39.5	190,357,746	805,630	0.0042	0.9958	81.34	
40.5	127,569,712	185,770	0.0015	0.9985	80.99	
41.5	115,979,194	1,510,705	0.0130	0.9870	80.87	
42.5	109,909,164	654,781	0.0060	0.9940	79.82	
43.5	59,060,708	1,095,896	0.0186	0.9814	79.35	
44.5	56,152,378	549,870	0.0098	0.9902	77.87	
45.5	55,189,645	815,815	0.0148	0.9852	77.11	
46.5	30,839,865	318,881	0.0103	0.9897	75.97	
47.5	30,506,677	83,359	0.0027	0.9973	75.19	
48.5	30,409,129	293,407	0.0096	0.9904	74.98	
49.5	30,112,180	310,091	0.0103	0.9897	74.26	
50.5	29,790,936	87,355	0.0029	0.9971	73.49	
51.5	27,790,332	432,169	0.0156	0.9844	73.28	
52.5	27,328,258	590,281	0.0216	0.9784	72.14	
53.5	26,654,042	152,249	0.0057	0.9943	70.58	
54.5	18,013,474	132,553	0.0074	0.9926	70.18	
55.5	17,879,094	288,131	0.0161	0.9839	69.66	
56.5	13,793,187	49,273	0.0036	0.9964	68.54	
57.5	13,710,633	11,088	0.0008	0.9992	68.29	
58.5	13,686,544	123,614	0.0090	0.9910	68.24	

Attachment 1 to Response to US DOD-1 Question No. 21

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
59.5	11,898,476		0.0000	1.0000	67.62
60.5	7,471,926	46,504	0.0062	0.9938	67.62
61.5	565,974	18,726	0.0331	0.9669	67.20
62.5	546,419		0.0000	1.0000	64.98
63.5	546,419	56,616	0.1036	0.8964	64.98
64.5	489,803		0.0000	1.0000	58.24
65.5	407,486	235,381	0.5776	0.4224	58.24
66.5	166,261		0.0000	1.0000	24.60
67.5	127,433		0.0000	1.0000	24.60
68.5	127,433		0.0000	1.0000	24.60
69.5	127,433		0.0000	1.0000	24.60
70.5	127,433		0.0000	1.0000	24.60
71.5	127,433		0.0000	1.0000	24.60
72.5	127,433		0.0000	1.0000	24.60
73.5	127,433		0.0000	1.0000	24.60
74.5	127,433		0.0000	1.0000	24.60
75.5	127,433		0.0000	1.0000	24.60
76.5					24.60

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1978-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	3,918,084,638	563,333	0.0001	0.9999	100.00
0.5	3,937,027,303	63,679	0.0000	1.0000	99.99
1.5	3,826,869,212	2,670,287	0.0007	0.9993	99.98
2.5	3,432,350,876	8,261,305	0.0024	0.9976	99.91
3.5	2,843,684,961	5,289,712	0.0019	0.9981	99.67
4.5	2,469,845,390	8,821,493	0.0036	0.9964	99.49
5.5	1,827,605,232	5,321,171	0.0029	0.9971	99.13
6.5	1,282,694,112	1,602,217	0.0012	0.9988	98.84
7.5	1,218,086,501	2,600,881	0.0021	0.9979	98.72
8.5	1,187,527,918	4,885,279	0.0041	0.9959	98.51
9.5	1,156,009,559	6,008,235	0.0052	0.9948	98.10
10.5	1,023,765,869	5,778,138	0.0056	0.9944	97.59
11.5	999,317,632	3,323,366	0.0033	0.9967	97.04
12.5	915,139,091	1,064,979	0.0012	0.9988	96.72
13.5	714,047,233	6,623,097	0.0093	0.9907	96.61
14.5	705,833,450	1,139,041	0.0016	0.9984	95.71
15.5	745,962,604	1,387,304	0.0019	0.9981	95.56
16.5	736,631,719	1,030,251	0.0014	0.9986	95.38
17.5	734,816,007	6,235,301	0.0085	0.9915	95.25
18.5	727,251,508	2,615,262	0.0036	0.9964	94.44
19.5	722,452,318	2,435,670	0.0034	0.9966	94.10
20.5	681,944,735	4,262,079	0.0062	0.9938	93.78
21.5	720,039,405	4,188,824	0.0058	0.9942	93.20
22.5	703,511,416	3,838,884	0.0055	0.9945	92.65
23.5	615,474,137	2,903,728	0.0047	0.9953	92.15
24.5	597,282,266	4,663,795	0.0078	0.9922	91.71
25.5	579,555,624	578,270	0.0010	0.9990	91.00
26.5	573,171,153	2,865,527	0.0050	0.9950	90.91
27.5	525,929,611	10,515,735	0.0200	0.9800	90.45
28.5	513,232,121	3,369,517	0.0066	0.9934	88.64

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1978-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
29.5	506,376,596	1,852,029	0.0037	0.9963	88.06
30.5	502,669,808	8,725,800	0.0174	0.9826	87.74
31.5	492,378,004	1,591,460	0.0032	0.9968	86.22
32.5	490,499,492	2,973,812	0.0061	0.9939	85.94
33.5	353,490,607	1,008,415	0.0029	0.9971	85.42
34.5	351,908,074	2,616,046	0.0074	0.9926	85.17
35.5	342,811,150	7,279,466	0.0212	0.9788	84.54
36.5	205,527,668	2,826,368	0.0138	0.9862	82.74
37.5	200,839,507	357,029	0.0018	0.9982	81.61
38.5	193,419,879	705,265	0.0036	0.9964	81.46
39.5	190,230,313	805,630	0.0042	0.9958	81.16
40.5	127,442,279	185,770	0.0015	0.9985	80.82
41.5	115,851,761	1,510,705	0.0130	0.9870	80.70
42.5	109,781,731	654,781	0.0060	0.9940	79.65
43.5	58,933,275	1,095,896	0.0186	0.9814	79.18
44.5	56,024,945	549,870	0.0098	0.9902	77.70
45.5	55,062,212	815,815	0.0148	0.9852	76.94
46.5	30,712,432	318,881	0.0104	0.9896	75.80
47.5	30,379,244	83,359	0.0027	0.9973	75.01
48.5	30,281,696	293,407	0.0097	0.9903	74.81
49.5	29,984,747	310,091	0.0103	0.9897	74.08
50.5	29,663,503	87,355	0.0029	0.9971	73.32
51.5	27,790,332	432,169	0.0156	0.9844	73.10
52.5	27,328,258	590,281	0.0216	0.9784	71.96
53.5	26,654,042	152,249	0.0057	0.9943	70.41
54.5	18,013,474	132,553	0.0074	0.9926	70.01
55.5	17,879,094	288,131	0.0161	0.9839	69.49
56.5	13,793,187	49,273	0.0036	0.9964	68.37
57.5	13,710,633	11,088	0.0008	0.9992	68.13
58.5	13,686,544	123,614	0.0090	0.9910	68.07

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

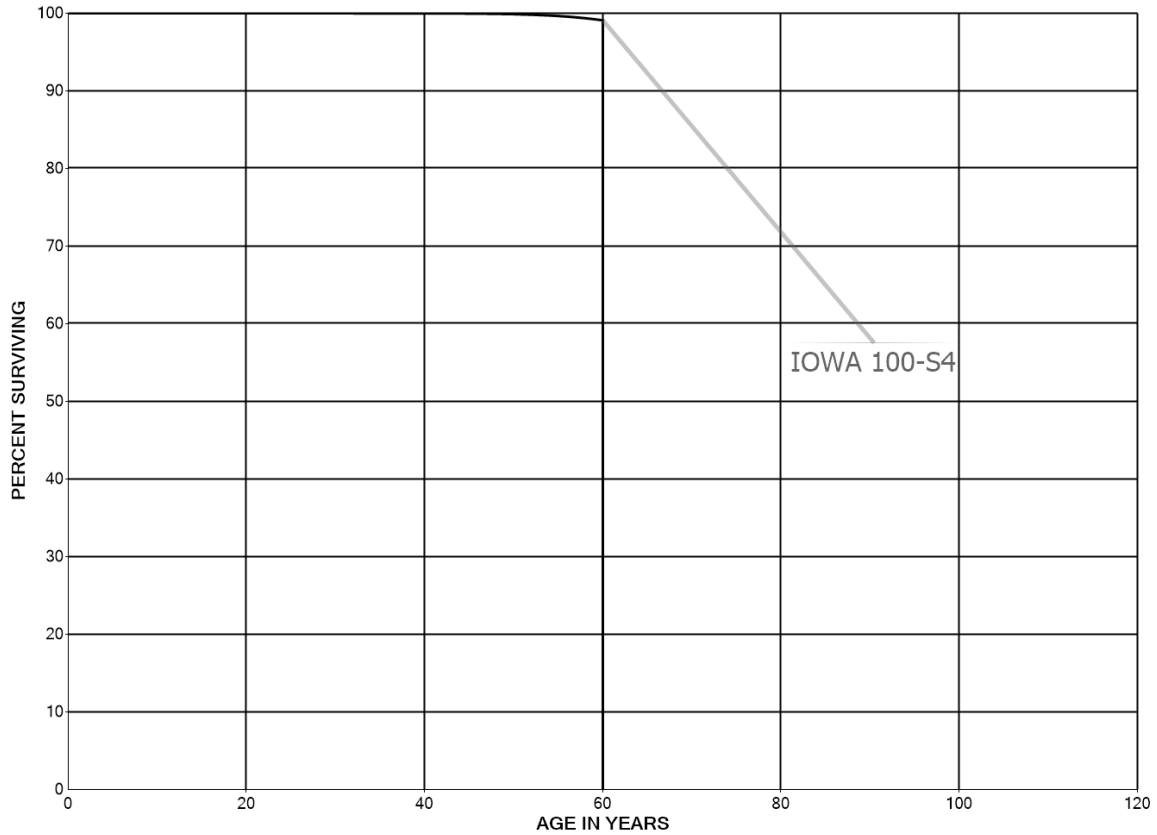
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
59.5	11,898,476		0.0000	1.0000	67.46
60.5	7,471,926	46,504	0.0062	0.9938	67.46
61.5	565,974	18,726	0.0331	0.9669	67.04
62.5	546,419		0.0000	1.0000	64.82
63.5	546,419	56,616	0.1036	0.8964	64.82
64.5	489,803		0.0000	1.0000	58.10
65.5	407,486	235,381	0.5776	0.4224	58.10
66.5	166,261		0.0000	1.0000	24.54
67.5	127,433		0.0000	1.0000	24.54
68.5	127,433		0.0000	1.0000	24.54
69.5	127,433		0.0000	1.0000	24.54
70.5	127,433		0.0000	1.0000	24.54
71.5	127,433		0.0000	1.0000	24.54
72.5	127,433		0.0000	1.0000	24.54
73.5	127,433		0.0000	1.0000	24.54
74.5	127,433		0.0000	1.0000	24.54
75.5	127,433		0.0000	1.0000	24.54
76.5	127,433		0.0000	1.0000	24.54

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Spanos

KENTUCKY UTILITIES COMPANY  
ACCOUNT 312.1 BOILER PLANT EQUIPMENT - ASH PONDS  
SMOOTH SURVIVOR CURVE

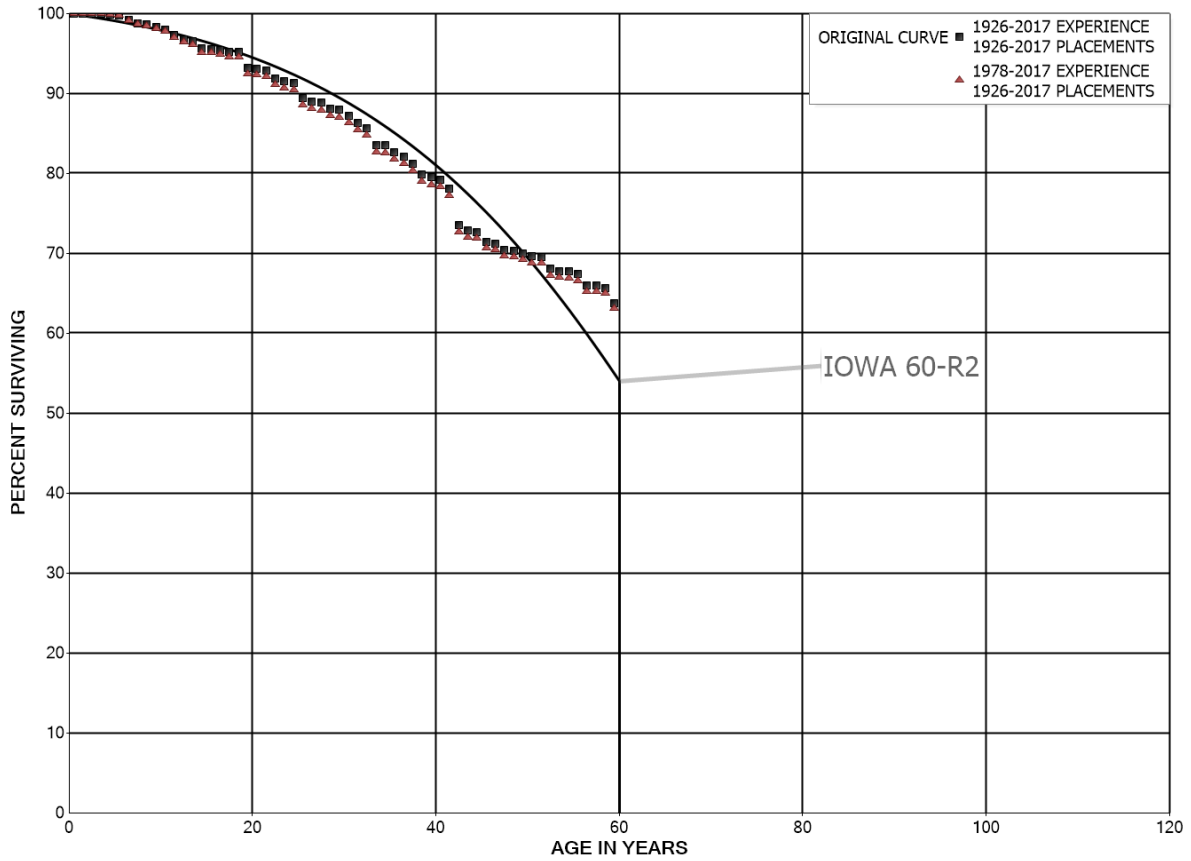




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KENTUCKY UTILITIES COMPANY  
ACCOUNT 314 TURBOGENERATOR UNITS  
ORIGINAL AND SMOOTH SURVIVOR CURVES



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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	387,725,214		0.0000	1.0000	100.00
0.5	381,139,714		0.0000	1.0000	100.00
1.5	377,024,441	11,405	0.0000	1.0000	100.00
2.5	366,972,073	134,051	0.0004	0.9996	100.00
3.5	369,243,964	480,666	0.0013	0.9987	99.96
4.5	364,618,100	214,298	0.0006	0.9994	99.83
5.5	338,511,844	2,099,708	0.0062	0.9938	99.77
6.5	267,811,351	1,122,467	0.0042	0.9958	99.15
7.5	265,677,115	366,895	0.0014	0.9986	98.74
8.5	255,946,338	960,583	0.0038	0.9962	98.60
9.5	231,476,191	612,448	0.0026	0.9974	98.23
10.5	228,911,154	1,663,343	0.0073	0.9927	97.97
11.5	220,734,432	1,152,535	0.0052	0.9948	97.26
12.5	211,958,656	495,156	0.0023	0.9977	96.75
13.5	206,744,669	2,047,398	0.0099	0.9901	96.53
14.5	198,855,521	34,900	0.0002	0.9998	95.57
15.5	196,943,842	371,673	0.0019	0.9981	95.55
16.5	195,741,809	496,466	0.0025	0.9975	95.37
17.5	195,244,667	3,600	0.0000	1.0000	95.13
18.5	189,949,254	3,863,067	0.0203	0.9797	95.13
19.5	185,546,481	335,070	0.0018	0.9982	93.19
20.5	174,311,539	367,194	0.0021	0.9979	93.03
21.5	181,798,746	1,871,499	0.0103	0.9897	92.83
22.5	176,719,003	705,556	0.0040	0.9960	91.87
23.5	172,200,433	449,660	0.0026	0.9974	91.51
24.5	171,538,771	3,527,233	0.0206	0.9794	91.27
25.5	167,953,310	787,410	0.0047	0.9953	89.39
26.5	167,144,409	348,432	0.0021	0.9979	88.97
27.5	156,276,738	1,236,741	0.0079	0.9921	88.79
28.5	154,668,125	304,676	0.0020	0.9980	88.08

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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	154,363,449	1,256,147	0.0081	0.9919	87.91	
30.5	152,939,072	1,627,433	0.0106	0.9894	87.20	
31.5	151,154,931	1,126,634	0.0075	0.9925	86.27	
32.5	149,329,159	3,695,495	0.0247	0.9753	85.62	
33.5	97,401,801	58,664	0.0006	0.9994	83.51	
34.5	97,306,760	937,038	0.0096	0.9904	83.46	
35.5	95,889,706	645,550	0.0067	0.9933	82.65	
36.5	71,520,235	818,379	0.0114	0.9886	82.10	
37.5	70,696,428	1,109,198	0.0157	0.9843	81.16	
38.5	68,486,755	349,329	0.0051	0.9949	79.88	
39.5	63,818,569	198,474	0.0031	0.9969	79.48	
40.5	46,303,642	682,698	0.0147	0.9853	79.23	
41.5	45,620,787	2,664,171	0.0584	0.9416	78.06	
42.5	42,917,695	412,494	0.0096	0.9904	73.50	
43.5	28,807,630	59,844	0.0021	0.9979	72.79	
44.5	28,745,409	482,943	0.0168	0.9832	72.64	
45.5	28,261,577	97,246	0.0034	0.9966	71.42	
46.5	21,538,845	221,501	0.0103	0.9897	71.18	
47.5	21,317,345	33,901	0.0016	0.9984	70.45	
48.5	21,283,444	118,197	0.0056	0.9944	70.33	
49.5	21,159,472	106,372	0.0050	0.9950	69.94	
50.5	21,010,641	23,139	0.0011	0.9989	69.59	
51.5	19,465,619	418,909	0.0215	0.9785	69.51	
52.5	19,020,248	82,920	0.0044	0.9956	68.02	
53.5	18,934,135	11,547	0.0006	0.9994	67.72	
54.5	12,618,892	63,208	0.0050	0.9950	67.68	
55.5	12,555,028	261,631	0.0208	0.9792	67.34	
56.5	9,566,731	1,805	0.0002	0.9998	65.94	
57.5	9,564,926	38,530	0.0040	0.9960	65.93	
58.5	9,511,514	275,161	0.0289	0.9711	65.66	

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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	8,459,169	73,616	0.0087	0.9913	63.76	
60.5	5,573,236		0.0000	1.0000	63.21	
61.5	96,695		0.0000	1.0000	63.21	
62.5	96,695		0.0000	1.0000	63.21	
63.5	96,695		0.0000	1.0000	63.21	
64.5	96,695	68,206	0.7054	0.2946	63.21	
65.5	28,489		0.0000	1.0000	18.62	
66.5	28,489		0.0000	1.0000	18.62	
67.5	28,489		0.0000	1.0000	18.62	
68.5	28,489		0.0000	1.0000	18.62	
69.5	28,489		0.0000	1.0000	18.62	
70.5	28,489		0.0000	1.0000	18.62	
71.5	28,489		0.0000	1.0000	18.62	
72.5	28,489		0.0000	1.0000	18.62	
73.5	28,489		0.0000	1.0000	18.62	
74.5	28,489		0.0000	1.0000	18.62	
75.5	28,489		0.0000	1.0000	18.62	
76.5					18.62	

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ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	307,782,419		0.0000	1.0000	100.00
0.5	321,891,794		0.0000	1.0000	100.00
1.5	317,776,677	11,405	0.0000	1.0000	100.00
2.5	312,399,690	134,051	0.0004	0.9996	100.00
3.5	330,352,173	480,666	0.0015	0.9985	99.95
4.5	325,728,685	214,298	0.0007	0.9993	99.81
5.5	302,569,441	2,099,708	0.0069	0.9931	99.74
6.5	242,427,874	1,122,467	0.0046	0.9954	99.05
7.5	240,300,992	366,895	0.0015	0.9985	98.59
8.5	230,570,215	960,583	0.0042	0.9958	98.44
9.5	206,113,423	612,448	0.0030	0.9970	98.03
10.5	203,548,386	1,663,343	0.0082	0.9918	97.74
11.5	195,371,665	1,152,535	0.0059	0.9941	96.94
12.5	186,631,654	495,156	0.0027	0.9973	96.37
13.5	181,417,896	2,047,398	0.0113	0.9887	96.11
14.5	178,908,685	34,900	0.0002	0.9998	95.03
15.5	176,997,006	371,673	0.0021	0.9979	95.01
16.5	175,801,839	496,466	0.0028	0.9972	94.81
17.5	175,305,353		0.0000	1.0000	94.54
18.5	174,275,484	3,863,067	0.0222	0.9778	94.54
19.5	169,880,170	331,470	0.0020	0.9980	92.45
20.5	158,648,828	367,194	0.0023	0.9977	92.27
21.5	170,385,312	1,871,499	0.0110	0.9890	92.05
22.5	165,305,569	703,027	0.0043	0.9957	91.04
23.5	163,294,916	449,660	0.0028	0.9972	90.66
24.5	164,953,342	3,508,835	0.0213	0.9787	90.41
25.5	161,422,188	787,410	0.0049	0.9951	88.48
26.5	162,142,671	348,432	0.0021	0.9979	88.05
27.5	153,589,431	1,236,741	0.0081	0.9919	87.86
28.5	151,980,818	304,676	0.0020	0.9980	87.15

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ACCOUNT 314 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	152,521,532	1,251,617	0.0082	0.9918	86.98	
30.5	151,852,173	1,627,433	0.0107	0.9893	86.27	
31.5	150,068,032	1,126,634	0.0075	0.9925	85.34	
32.5	148,242,260	3,695,495	0.0249	0.9751	84.70	
33.5	96,314,902	58,664	0.0006	0.9994	82.59	
34.5	96,219,861	937,038	0.0097	0.9903	82.54	
35.5	94,802,807	645,550	0.0068	0.9932	81.73	
36.5	70,433,336	818,379	0.0116	0.9884	81.18	
37.5	69,609,529	1,109,198	0.0159	0.9841	80.23	
38.5	68,458,266	349,329	0.0051	0.9949	78.96	
39.5	63,790,080	198,474	0.0031	0.9969	78.55	
40.5	46,275,153	682,698	0.0148	0.9852	78.31	
41.5	45,592,298	2,664,171	0.0584	0.9416	77.15	
42.5	42,889,206	412,494	0.0096	0.9904	72.65	
43.5	28,779,141	59,844	0.0021	0.9979	71.95	
44.5	28,716,920	482,943	0.0168	0.9832	71.80	
45.5	28,233,088	97,246	0.0034	0.9966	70.59	
46.5	21,510,356	221,501	0.0103	0.9897	70.35	
47.5	21,288,856	33,901	0.0016	0.9984	69.62	
48.5	21,254,955	118,197	0.0056	0.9944	69.51	
49.5	21,130,983	106,372	0.0050	0.9950	69.12	
50.5	20,982,152	23,139	0.0011	0.9989	68.78	
51.5	19,465,619	418,909	0.0215	0.9785	68.70	
52.5	19,020,248	82,920	0.0044	0.9956	67.22	
53.5	18,934,135	11,547	0.0006	0.9994	66.93	
54.5	12,618,892	63,208	0.0050	0.9950	66.89	
55.5	12,555,028	261,631	0.0208	0.9792	66.55	
56.5	9,566,731	1,805	0.0002	0.9998	65.17	
57.5	9,564,926	38,530	0.0040	0.9960	65.15	
58.5	9,511,514	275,161	0.0289	0.9711	64.89	

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Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

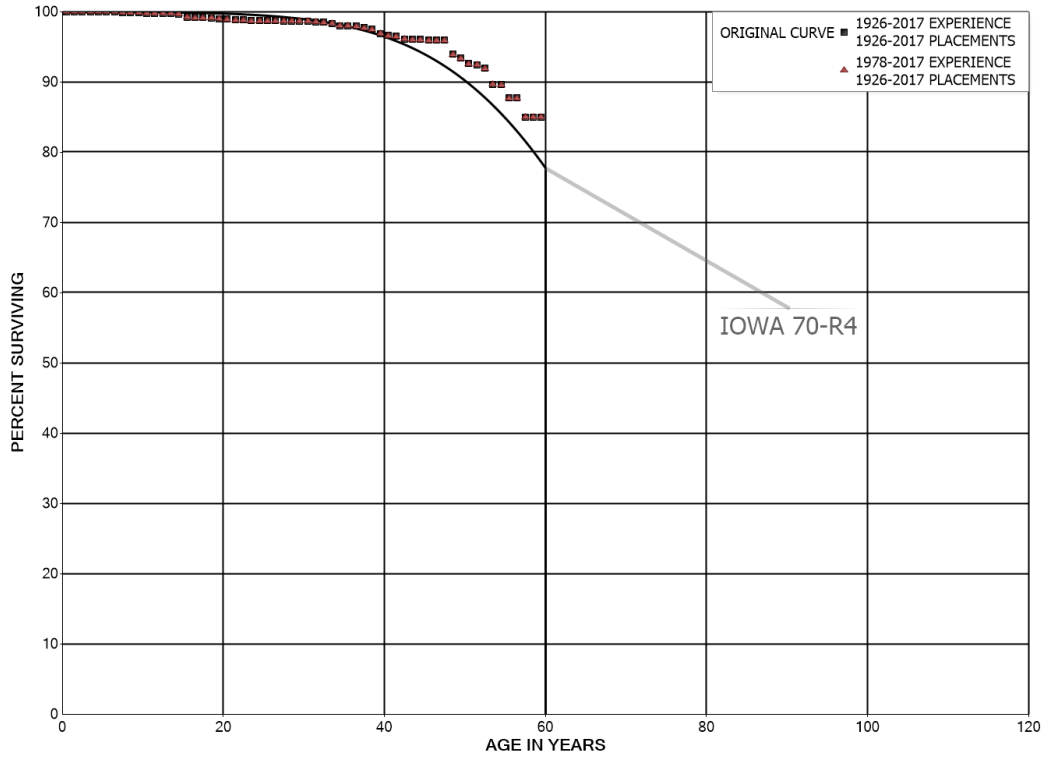
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	8,459,169	73,616	0.0087	0.9913	63.01	
60.5	5,573,236		0.0000	1.0000	62.47	
61.5	96,695		0.0000	1.0000	62.47	
62.5	96,695		0.0000	1.0000	62.47	
63.5	96,695		0.0000	1.0000	62.47	
64.5	96,695	68,206	0.7054	0.2946	62.47	
65.5	28,489		0.0000	1.0000	18.40	
66.5	28,489		0.0000	1.0000	18.40	
67.5	28,489		0.0000	1.0000	18.40	
68.5	28,489		0.0000	1.0000	18.40	
69.5	28,489		0.0000	1.0000	18.40	
70.5	28,489		0.0000	1.0000	18.40	
71.5	28,489		0.0000	1.0000	18.40	
72.5	28,489		0.0000	1.0000	18.40	
73.5	28,489		0.0000	1.0000	18.40	
74.5	28,489		0.0000	1.0000	18.40	
75.5	28,489		0.0000	1.0000	18.40	
76.5					18.40	

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ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT  
ORIGINAL AND SMOOTH SURVIVOR CURVES





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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1926-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	236,765,620	2,825	0.0000	1.0000	100.00
0.5	231,708,286	60,852	0.0003	0.9997	100.00
1.5	225,886,012	1,251	0.0000	1.0000	99.97
2.5	221,422,167	53,197	0.0002	0.9998	99.97
3.5	194,995,759		0.0000	1.0000	99.95
4.5	164,517,676	19,085	0.0001	0.9999	99.95
5.5	135,305,190	29,193	0.0002	0.9998	99.94
6.5	98,974,416	30,588	0.0003	0.9997	99.91
7.5	98,459,887	61,116	0.0006	0.9994	99.88
8.5	97,775,254	9,673	0.0001	0.9999	99.82
9.5	104,517,017	55,311	0.0005	0.9995	99.81
10.5	90,447,262	16,618	0.0002	0.9998	99.76
11.5	89,641,053	24,289	0.0003	0.9997	99.74
12.5	89,177,905		0.0000	1.0000	99.71
13.5	89,030,022	112,214	0.0013	0.9987	99.71
14.5	88,812,753	366,252	0.0041	0.9959	99.59
15.5	88,446,501	30,424	0.0003	0.9997	99.18
16.5	88,295,371	11,364	0.0001	0.9999	99.14
17.5	81,504,981	43,711	0.0005	0.9995	99.13
18.5	81,461,270	87,989	0.0011	0.9989	99.08
19.5	81,357,650	38,097	0.0005	0.9995	98.97
20.5	77,244,094	77,507	0.0010	0.9990	98.92
21.5	87,735,181	16,906	0.0002	0.9998	98.82
22.5	86,937,871	77,981	0.0009	0.9991	98.81
23.5	85,738,860	4,526	0.0001	0.9999	98.72
24.5	85,519,905	7,439	0.0001	0.9999	98.71
25.5	87,617,079	21,218	0.0002	0.9998	98.70
26.5	87,584,833	15,600	0.0002	0.9998	98.68
27.5	76,914,661	2,400	0.0000	1.0000	98.66
28.5	76,168,176	8,680	0.0001	0.9999	98.66

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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	76,080,939	21,169	0.0003	0.9997	98.65	
30.5	75,990,976	51,076	0.0007	0.9993	98.62	
31.5	76,808,216	75,706	0.0010	0.9990	98.55	
32.5	76,683,426	137,955	0.0018	0.9982	98.46	
33.5	53,447,278	150,784	0.0028	0.9972	98.28	
34.5	53,296,494	13,931	0.0003	0.9997	98.00	
35.5	52,250,948	40,930	0.0008	0.9992	97.98	
36.5	27,162,297	60,283	0.0022	0.9978	97.90	
37.5	27,702,446	54,375	0.0020	0.9980	97.68	
38.5	27,484,311	175,203	0.0064	0.9936	97.49	
39.5	26,439,415	76,829	0.0029	0.9971	96.87	
40.5	16,568,382	18,279	0.0011	0.9989	96.59	
41.5	15,910,467	63,328	0.0040	0.9960	96.48	
42.5	15,846,566	13,078	0.0008	0.9992	96.10	
43.5	9,466,997		0.0000	1.0000	96.02	
44.5	9,396,128	8,553	0.0009	0.9991	96.02	
45.5	5,179,230		0.0000	1.0000	95.93	
46.5	5,410,401	530	0.0001	0.9999	95.93	
47.5	5,404,561	109,351	0.0202	0.9798	95.92	
48.5	5,569,459	34,150	0.0061	0.9939	93.98	
49.5	5,529,355	47,257	0.0085	0.9915	93.40	
50.5	5,475,143	10,923	0.0020	0.9980	92.61	
51.5	5,151,310	26,194	0.0051	0.9949	92.42	
52.5	5,057,986	127,637	0.0252	0.9748	91.95	
53.5	4,927,600	3,485	0.0007	0.9993	89.63	
54.5	3,014,647	63,419	0.0210	0.9790	89.57	
55.5	3,555,458	185	0.0001	0.9999	87.68	
56.5	3,040,640	94,142	0.0310	0.9690	87.68	
57.5	2,942,091	306	0.0001	0.9999	84.96	
58.5	2,925,460		0.0000	1.0000	84.96	

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Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	3,067,535	11,578	0.0038	0.9962	84.96	
60.5	2,473,101		0.0000	1.0000	84.63	
61.5	671,690	883	0.0013	0.9987	84.63	
62.5	639,898	9,782	0.0153	0.9847	84.52	
63.5	439,626		0.0000	1.0000	83.23	
64.5	439,626	65,636	0.1493	0.8507	83.23	
65.5	153,727	8,820	0.0574	0.9426	70.80	
66.5	144,907		0.0000	1.0000	66.74	
67.5	144,907		0.0000	1.0000	66.74	
68.5	144,907		0.0000	1.0000	66.74	
69.5	144,523		0.0000	1.0000	66.74	
70.5	144,523		0.0000	1.0000	66.74	
71.5	144,523		0.0000	1.0000	66.74	
72.5	144,523		0.0000	1.0000	66.74	
73.5	144,523		0.0000	1.0000	66.74	
74.5	144,523		0.0000	1.0000	66.74	
75.5	144,523		0.0000	1.0000	66.74	
76.5					66.74	

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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1978-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	210,281,179		0.0000	1.0000	100.00
0.5	215,399,686	60,852	0.0003	0.9997	100.00
1.5	209,585,266		0.0000	1.0000	99.97
2.5	205,122,672	41,086	0.0002	0.9998	99.97
3.5	185,246,033		0.0000	1.0000	99.95
4.5	154,837,395	19,085	0.0001	0.9999	99.95
5.5	129,774,535	29,193	0.0002	0.9998	99.94
6.5	93,446,113	30,504	0.0003	0.9997	99.92
7.5	92,932,461	55,034	0.0006	0.9994	99.88
8.5	92,253,910	9,673	0.0001	0.9999	99.83
9.5	99,000,875	55,311	0.0006	0.9994	99.81
10.5	84,931,119	16,618	0.0002	0.9998	99.76
11.5	84,125,307	24,289	0.0003	0.9997	99.74
12.5	83,727,163		0.0000	1.0000	99.71
13.5	83,609,405	112,214	0.0013	0.9987	99.71
14.5	84,090,004	366,252	0.0044	0.9956	99.58
15.5	83,723,752	30,424	0.0004	0.9996	99.14
16.5	83,572,621	11,364	0.0001	0.9999	99.11
17.5	76,793,187	43,711	0.0006	0.9994	99.09
18.5	77,355,946	86,930	0.0011	0.9989	99.04
19.5	77,272,677	37,072	0.0005	0.9995	98.93
20.5	73,163,230	77,507	0.0011	0.9989	98.88
21.5	84,642,261	16,906	0.0002	0.9998	98.77
22.5	83,852,827	77,981	0.0009	0.9991	98.75
23.5	83,190,019	4,526	0.0001	0.9999	98.66
24.5	84,090,545		0.0000	1.0000	98.66
25.5	86,201,755	21,218	0.0002	0.9998	98.66
26.5	86,489,345	15,600	0.0002	0.9998	98.63
27.5	76,397,351		0.0000	1.0000	98.61
28.5	75,653,266	8,680	0.0001	0.9999	98.61

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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	75,706,049	21,169	0.0003	0.9997	98.60	
30.5	75,714,843	51,076	0.0007	0.9993	98.58	
31.5	76,553,335	75,706	0.0010	0.9990	98.51	
32.5	76,428,545	137,955	0.0018	0.9982	98.41	
33.5	53,192,397	150,784	0.0028	0.9972	98.23	
34.5	53,041,613	13,931	0.0003	0.9997	97.96	
35.5	51,996,067	40,930	0.0008	0.9992	97.93	
36.5	26,907,416	60,283	0.0022	0.9978	97.85	
37.5	27,447,565	54,375	0.0020	0.9980	97.63	
38.5	27,334,430	175,203	0.0064	0.9936	97.44	
39.5	26,289,534	76,829	0.0029	0.9971	96.82	
40.5	16,418,501	18,279	0.0011	0.9989	96.53	
41.5	15,760,586	63,328	0.0040	0.9960	96.43	
42.5	15,696,685	13,078	0.0008	0.9992	96.04	
43.5	9,317,116		0.0000	1.0000	95.96	
44.5	9,246,247	8,553	0.0009	0.9991	95.96	
45.5	5,029,349		0.0000	1.0000	95.87	
46.5	5,260,520	530	0.0001	0.9999	95.87	
47.5	5,254,680	109,351	0.0208	0.9792	95.86	
48.5	5,419,578	34,150	0.0063	0.9937	93.86	
49.5	5,379,474	41,899	0.0078	0.9922	93.27	
50.5	5,330,620	10,923	0.0020	0.9980	92.55	
51.5	5,151,310	26,194	0.0051	0.9949	92.36	
52.5	5,057,986	127,637	0.0252	0.9748	91.89	
53.5	4,927,600	3,485	0.0007	0.9993	89.57	
54.5	3,014,647	63,419	0.0210	0.9790	89.51	
55.5	3,555,458	185	0.0001	0.9999	87.62	
56.5	3,040,640	94,142	0.0310	0.9690	87.62	
57.5	2,942,091	306	0.0001	0.9999	84.91	
58.5	2,925,460		0.0000	1.0000	84.90	

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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

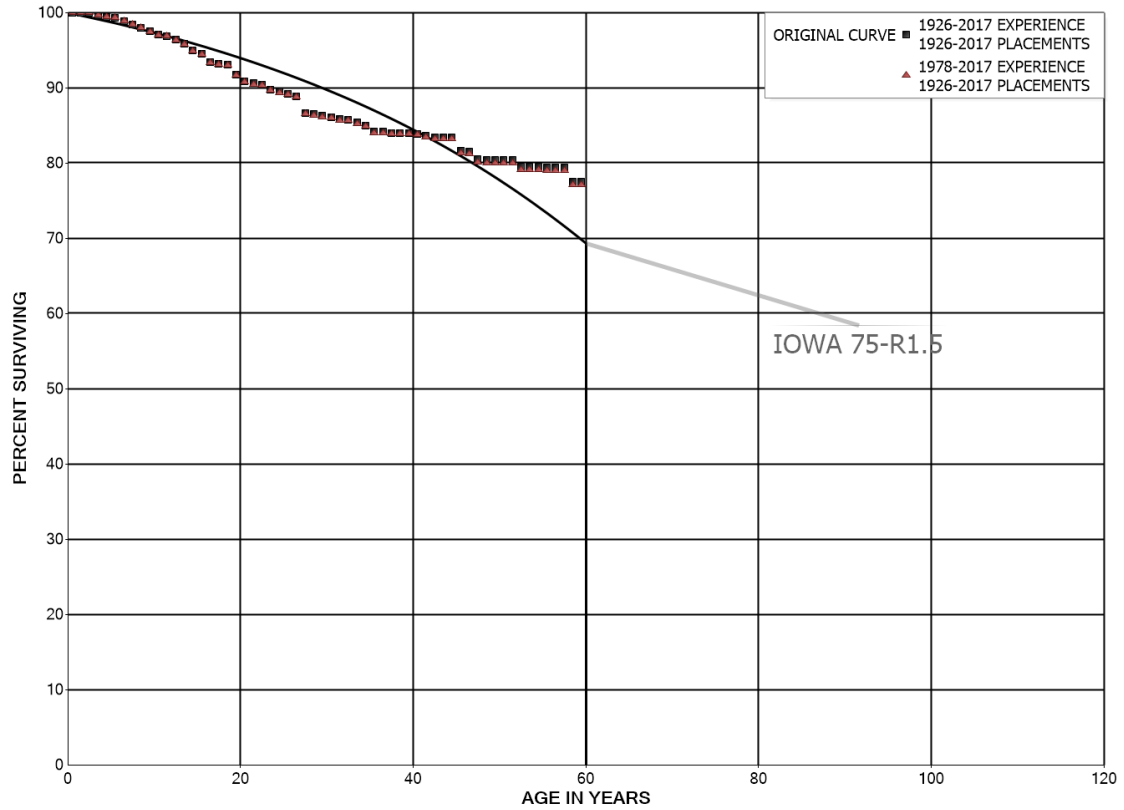
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	3,067,535	11,578	0.0038	0.9962	84.90	
60.5	2,473,101		0.0000	1.0000	84.58	
61.5	671,690	883	0.0013	0.9987	84.58	
62.5	639,898	9,782	0.0153	0.9847	84.46	
63.5	439,626		0.0000	1.0000	83.17	
64.5	439,626	65,636	0.1493	0.8507	83.17	
65.5	153,727	8,820	0.0574	0.9426	70.76	
66.5	144,907		0.0000	1.0000	66.70	
67.5	144,907		0.0000	1.0000	66.70	
68.5	144,907		0.0000	1.0000	66.70	
69.5	144,523		0.0000	1.0000	66.70	
70.5	144,523		0.0000	1.0000	66.70	
71.5	144,523		0.0000	1.0000	66.70	
72.5	144,523		0.0000	1.0000	66.70	
73.5	144,523		0.0000	1.0000	66.70	
74.5	144,523		0.0000	1.0000	66.70	
75.5	144,523		0.0000	1.0000	66.70	
76.5					66.70	

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KENTUCKY UTILITIES COMPANY  
ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT  
ORIGINAL AND SMOOTH SURVIVOR CURVES



Attachment 1 to Response to US DOD-1 Question No. 21

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KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
0.0	43,050,630	1,108	0.0000	1.0000	100.00	
0.5	41,182,460	5,849	0.0001	0.9999	100.00	
1.5	40,211,977	3,818	0.0001	0.9999	99.98	
2.5	38,718,681	117,883	0.0030	0.9970	99.97	
3.5	36,066,852	91,858	0.0025	0.9975	99.67	
4.5	34,348,177	58,752	0.0017	0.9983	99.42	
5.5	32,796,479	142,990	0.0044	0.9956	99.25	
6.5	26,917,416	104,872	0.0039	0.9961	98.81	
7.5	25,388,431	128,040	0.0050	0.9950	98.43	
8.5	24,934,467	116,507	0.0047	0.9953	97.93	
9.5	24,693,591	107,515	0.0044	0.9956	97.47	
10.5	24,024,308	44,310	0.0018	0.9982	97.05	
11.5	23,641,590	114,108	0.0048	0.9952	96.87	
12.5	23,043,472	134,225	0.0058	0.9942	96.40	
13.5	22,214,442	197,348	0.0089	0.9911	95.84	
14.5	20,576,476	112,147	0.0055	0.9945	94.99	
15.5	20,111,394	232,788	0.0116	0.9884	94.47	
16.5	19,592,885	48,424	0.0025	0.9975	93.38	
17.5	19,371,767	10,956	0.0006	0.9994	93.15	
18.5	17,995,734	266,714	0.0148	0.9852	93.10	
19.5	17,594,677	169,390	0.0096	0.9904	91.72	
20.5	15,905,188	44,000	0.0028	0.9972	90.83	
21.5	15,175,280	30,647	0.0020	0.9980	90.58	
22.5	14,313,625	103,845	0.0073	0.9927	90.40	
23.5	13,684,588	39,193	0.0029	0.9971	89.74	
24.5	13,215,175	50,089	0.0038	0.9962	89.49	
25.5	12,753,822	48,388	0.0038	0.9962	89.15	
26.5	11,972,251	292,258	0.0244	0.9756	88.81	
27.5	10,878,268	19,028	0.0017	0.9983	86.64	
28.5	10,086,599	25,435	0.0025	0.9975	86.49	



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KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	9,605,922	19,156	0.0020	0.9980	86.27	
30.5	9,037,831	31,787	0.0035	0.9965	86.10	
31.5	8,736,254	3,204	0.0004	0.9996	85.80	
32.5	8,588,171	40,979	0.0048	0.9952	85.76	
33.5	6,360,976	26,656	0.0042	0.9958	85.35	
34.5	6,258,722	59,208	0.0095	0.9905	85.00	
35.5	5,925,080	4,866	0.0008	0.9992	84.19	
36.5	3,750,341	6,027	0.0016	0.9984	84.12	
37.5	3,735,650		0.0000	1.0000	83.99	
38.5	3,716,037	112	0.0000	1.0000	83.99	
39.5	3,115,040	3,911	0.0013	0.9987	83.99	
40.5	2,400,375	8,454	0.0035	0.9965	83.88	
41.5	2,243,134	4,684	0.0021	0.9979	83.59	
42.5	2,152,483	1,516	0.0007	0.9993	83.41	
43.5	1,115,496	3	0.0000	1.0000	83.35	
44.5	1,113,361	23,469	0.0211	0.9789	83.35	
45.5	1,083,348	1,852	0.0017	0.9983	81.59	
46.5	704,258	8,685	0.0123	0.9877	81.46	
47.5	692,384	600	0.0009	0.9991	80.45	
48.5	629,130		0.0000	1.0000	80.38	
49.5	621,643		0.0000	1.0000	80.38	
50.5	620,999		0.0000	1.0000	80.38	
51.5	606,027	6,885	0.0114	0.9886	80.38	
52.5	597,151		0.0000	1.0000	79.47	
53.5	592,857		0.0000	1.0000	79.47	
54.5	465,373	657	0.0014	0.9986	79.47	
55.5	461,815		0.0000	1.0000	79.36	
56.5	394,863		0.0000	1.0000	79.36	
57.5	394,796	9,195	0.0233	0.9767	79.36	
58.5	368,899	47	0.0001	0.9999	77.51	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1926-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	370,854	54,060	0.1458	0.8542	77.50	
60.5	305,062		0.0000	1.0000	66.20	
61.5	198,685	1,111	0.0056	0.9944	66.20	
62.5	196,652	2,505	0.0127	0.9873	65.83	
63.5	184,483	1,443	0.0078	0.9922	64.99	
64.5	183,040		0.0000	1.0000	64.48	
65.5	133,514	34,060	0.2551	0.7449	64.48	
66.5	99,454		0.0000	1.0000	48.03	
67.5	57,780		0.0000	1.0000	48.03	
68.5	57,780	3,383	0.0585	0.9415	48.03	
69.5	54,397		0.0000	1.0000	45.22	
70.5	54,397		0.0000	1.0000	45.22	
71.5	54,397		0.0000	1.0000	45.22	
72.5	54,397		0.0000	1.0000	45.22	
73.5	54,397		0.0000	1.0000	45.22	
74.5	54,133		0.0000	1.0000	45.22	
75.5	54,133		0.0000	1.0000	45.22	
76.5					45.22	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017

EXPERIENCE BAND 1978-2017

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	39,478,933	1,108	0.0000	1.0000	100.00
0.5	38,341,313	5,849	0.0002	0.9998	100.00
1.5	37,497,340	2,159	0.0001	0.9999	99.98
2.5	36,190,633	116,722	0.0032	0.9968	99.98
3.5	34,616,059	85,423	0.0025	0.9975	99.65
4.5	32,915,299	58,572	0.0018	0.9982	99.41
5.5	31,401,220	140,917	0.0045	0.9955	99.23
6.5	25,953,453	100,265	0.0039	0.9961	98.79
7.5	24,435,454	127,461	0.0052	0.9948	98.40
8.5	24,061,109	115,968	0.0048	0.9952	97.89
9.5	23,825,436	104,631	0.0044	0.9956	97.42
10.5	23,162,259	43,405	0.0019	0.9981	96.99
11.5	22,792,828	113,113	0.0050	0.9950	96.81
12.5	22,199,524	131,492	0.0059	0.9941	96.33
13.5	21,375,396	194,864	0.0091	0.9909	95.76
14.5	19,807,626	111,353	0.0056	0.9944	94.89
15.5	19,348,864	220,268	0.0114	0.9886	94.35
16.5	18,845,522	47,436	0.0025	0.9975	93.28
17.5	18,633,467	10,428	0.0006	0.9994	93.04
18.5	17,364,443	264,139	0.0152	0.9848	92.99
19.5	16,968,031	167,387	0.0099	0.9901	91.58
20.5	15,284,284	38,417	0.0025	0.9975	90.67
21.5	14,737,305	29,085	0.0020	0.9980	90.45
22.5	13,900,687	103,728	0.0075	0.9925	90.27
23.5	13,298,791	38,998	0.0029	0.9971	89.59
24.5	12,844,704	44,700	0.0035	0.9965	89.33
25.5	12,395,034	46,319	0.0037	0.9963	89.02
26.5	11,641,660	292,258	0.0251	0.9749	88.69
27.5	10,718,459	19,028	0.0018	0.9982	86.46
28.5	9,935,033	25,435	0.0026	0.9974	86.31

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
29.5	9,489,264	19,146	0.0020	0.9980	86.09	
30.5	8,962,034	31,787	0.0035	0.9965	85.91	
31.5	8,662,438	3,204	0.0004	0.9996	85.61	
32.5	8,514,368	40,979	0.0048	0.9952	85.58	
33.5	6,287,268	26,656	0.0042	0.9958	85.16	
34.5	6,185,014	59,208	0.0096	0.9904	84.80	
35.5	5,851,899	4,779	0.0008	0.9992	83.99	
36.5	3,678,447	6,027	0.0016	0.9984	83.92	
37.5	3,663,756		0.0000	1.0000	83.78	
38.5	3,656,781	13	0.0000	1.0000	83.78	
39.5	3,055,883	3,911	0.0013	0.9987	83.78	
40.5	2,341,218	8,454	0.0036	0.9964	83.68	
41.5	2,183,977	4,684	0.0021	0.9979	83.38	
42.5	2,093,326	1,516	0.0007	0.9993	83.20	
43.5	1,056,339	3	0.0000	1.0000	83.14	
44.5	1,054,204	23,469	0.0223	0.9777	83.14	
45.5	1,024,191	1,852	0.0018	0.9982	81.29	
46.5	645,101	8,685	0.0135	0.9865	81.14	
47.5	633,227	600	0.0009	0.9991	80.05	
48.5	569,973		0.0000	1.0000	79.97	
49.5	562,486		0.0000	1.0000	79.97	
50.5	561,842		0.0000	1.0000	79.97	
51.5	606,027	6,885	0.0114	0.9886	79.97	
52.5	597,151		0.0000	1.0000	79.06	
53.5	592,857		0.0000	1.0000	79.06	
54.5	465,373	657	0.0014	0.9986	79.06	
55.5	461,815		0.0000	1.0000	78.95	
56.5	394,863		0.0000	1.0000	78.95	
57.5	394,796	9,195	0.0233	0.9767	78.95	
58.5	368,899	47	0.0001	0.9999	77.11	

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1978-2017			
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
59.5	370,854	54,060	0.1458	0.8542	77.10	
60.5	305,062		0.0000	1.0000	65.86	
61.5	198,685	1,111	0.0056	0.9944	65.86	
62.5	196,652	2,505	0.0127	0.9873	65.49	
63.5	184,483	1,443	0.0078	0.9922	64.66	
64.5	183,040		0.0000	1.0000	64.15	
65.5	133,514	34,060	0.2551	0.7449	64.15	
66.5	99,454		0.0000	1.0000	47.79	
67.5	57,780		0.0000	1.0000	47.79	
68.5	57,780	3,383	0.0585	0.9415	47.79	
69.5	54,397		0.0000	1.0000	44.99	
70.5	54,397		0.0000	1.0000	44.99	
71.5	54,397		0.0000	1.0000	44.99	
72.5	54,397		0.0000	1.0000	44.99	
73.5	54,397		0.0000	1.0000	44.99	
74.5	54,133		0.0000	1.0000	44.99	
75.5	54,133		0.0000	1.0000	44.99	
76.5					44.99	

The attachments are  
being provided in  
separate files in Excel  
format.

TRANSACTION CODE DESCRIPTIONS

<u>Code</u>	<u>Description</u>
0	<u>Regular Retirement.</u> All retirements from plant which occur in the course of normal operations for causes that are to be covered by depreciation accruals. Typically, these include all causes other than those listed below.
1	<u>Reimbursed Retirement.</u> Retirement for which the Company received payment approximating or exceeding the depreciated original cost of the property, and such payment was recorded as a credit to the depreciation reserve account. Reimbursed retirements are usually related to extraordinary circumstances such as fire or other accidents for which the loss is covered by insurance, and to property moved or abandoned due to the requirements or requests of outside parties, for which the Company is reimbursed.
2	<u>Sale.</u> Transfer of ownership of property for which the Company received payment approximating or exceeding the depreciated original cost, and the property would not have been retired at or near that time if the sale had not occurred. Sales are generally related to circumstances in which the property has not actually been retired, but continues in public service following the transaction. Sales in lieu of abandonment are classified as regular retirements.
3	<u>Transfer.</u> Transfer of property between accounts or property groups. Use for both transfers-in and transfers-out, and for intraaccount transfers.
4	<u>Beginning-of-Interval Transfer.</u> Transfer of property between accounts or property groups that is to be considered as occurring at the beginning rather than the end of the age interval. Includes major transfers of property into the account or property group, such as to initiate an account or to substantially increase the size of an existing account.
5	<u>Acquisition.</u> Purchase, trade, or similar transaction where property previously in public service was acquired.
6	<u>Adjustment.</u> Used for control purposes in Plant Accounting data, and for adjustments, special appropriations, or transfers to or from the Depreciation Reserve account in Cost of Removal and Salvage data.
7	<u>Outlier Retirement.</u> A retirement that occurs under unusual circumstances such that the analyst deems it appropriate that it be excluded from the retirements used in the service life or salvage study.
8	<u>Ending Balance.</u> The balance of plant in service as of December 31 of the most recent year included in the Experience Band, or as of a specific calculation date.
9	<u>Beginning Balance.</u> The balance of plant in service as of December 31 of the year preceding the first year included in the Experience Band.
9	<u>Gross Addition.</u> Placements of plant in service as replacements of plant retired or as additions to plant in service.

Note: Corrections should be assigned the same code as the transaction being corrected.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 22**

**Responding Witness: John J. Spanos**

- Q-22. Please provide all data utilized to create the summary of book salvage for all accounts presented in the depreciation study, as well as any applicable transaction or location code keys. Additionally, Please provide in Excel format or .csv format, the summary of book salvage tables for all accounts presented in Part VIII of the depreciation study filed as Exhibit JJS-KU-1. If not available in the requested format, Microsoft Word format will suffice.
- A-22. See Attachment 1 for a summary of book salvage tables presented in the depreciation study.

See Attachment 2 being provided in Excel format. The attached file sets forth the data utilized to create the summary of book salvage for all accounts presented in the depreciation study.



Attachment 1 to Response to US DOD-1 Question No. 22

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1988	6,045		0		0		0
1989	2,547		0		0		0
1990	54,378		0		0		0
1991							
1992							
1993							
1994							
1995	86,278	10,005	12	2,930	3	7,074-	8-
1996	2,936	609	21	3,210	109	2,601	89
1997	103,244	8,046	8		0	8,046-	8-
1998	32,510	16,167	50		0	16,167-	50-
1999	5,858-	1,967-	34		0	1,967	34-
2000	11,626		0		0		0
2001	144,193	33,335	23		0	33,335-	23-
2002	370,024	20,477	6	241,345	65	220,868	60
2003							
2004	228,612	46,180	20		0	46,180-	20-
2005							
2006	137,959	47,675	35		0	47,675-	35-
2007	2,213,101	777,334	35		0	777,334-	35-
2008	89,209	20,700	23		0	20,700-	23-
2009	145,695	45,964	32	87,350	60	41,386	28
2010	88,392	12,254	14		0	12,254-	14-
2011	681,753	435,245	64		0	435,245-	64-
2012	243,522	153,934	63	2,596	1	151,338-	62-
2013	290,864	98,691	34	276	0	98,416-	34-
2014	674,281	1,428,648	212	38,924-	6-	1,467,572-	218-
2015	1,711,254	156,217	9	30,000	2	126,217-	7-
2016	856,221	350,961	41	1,307	0	349,653-	41-
2017	562,235	496,650	88	1,285	0	495,366-	88-
TOTAL	8,731,023	4,157,125	48	331,375	4	3,825,750-	44-

Attachment 1 to Response to US DOD-1 Question No. 22

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
88-90	20,990		0		0		0
89-91	18,975		0		0		0
90-92	18,126		0		0		0
91-93							
92-94							
93-95	28,759	3,335	12	977	3	2,358-	8-
94-96	29,738	3,538	12	2,047	7	1,491-	5-
95-97	64,153	6,220	10	2,047	3	4,173-	7-
96-98	46,230	8,274	18	1,070	2	7,204-	16-
97-99	43,299	7,415	17		0	7,415-	17-
98-00	12,759	4,733	37		0	4,733-	37-
99-01	49,987	10,456	21		0	10,456-	21-
00-02	175,281	17,937	10	80,448	46	62,511	36
01-03	171,406	17,937	10	80,448	47	62,511	36
02-04	199,545	22,219	11	80,448	40	58,229	29
03-05	76,204	15,393	20		0	15,393-	20-
04-06	122,191	31,285	26		0	31,285-	26-
05-07	783,687	275,003	35		0	275,003-	35-
06-08	813,423	281,903	35		0	281,903-	35-
07-09	816,002	281,333	34	29,117	4	252,216-	31-
08-10	107,766	26,306	24	29,117	27	2,811	3
09-11	305,280	164,488	54	29,117	10	135,371-	44-
10-12	337,889	200,478	59	865	0	199,613-	59-
11-13	405,380	229,290	57	957	0	228,333-	56-
12-14	402,889	560,424	139	12,018-	3-	572,442-	142-
13-15	892,133	561,185	63	2,883-	0	564,068-	63-
14-16	1,080,585	645,275	60	2,539-	0	647,814-	60-
15-17	1,043,236	334,609	32	10,864	1	323,745-	31-

FIVE-YEAR AVERAGE

13-17	818,971	506,233	62	1,211-	0	507,445-	62-
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## Attachment 1 to Response to US DOD-1 Question No. 21

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Spanos

## KENTUCKY UTILITIES COMPANY

## ACCOUNT 312 BOILER PLANT EQUIPMENT

## SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1988	5,472,744	33,162-	1-	85,506	2	118,668	2
1989	140,477		0		0		0
1990	139,953		0		0		0
1991							
1992	3,381,168	126,229	4	2,358	0	123,871-	4-
1993	73,171	586,475	802	202,990-	277-	789,466-	
1994	3,105,560	1,235,481	40	5,496	0	1,229,984-	40-
1995	2,831,089	887,355	31	88,317	3	799,038-	28-
1996	2,448,557	1,372,067	56	1,245,733	51	126,335-	5-
1997	3,497,148	736,637	21	6,713	0	729,924-	21-
1998	614,620	826,172	134	14,906-	2-	841,078-	137-
1999	855,983	776,825	91	5,197	1	771,628-	90-
2000	4,074,449		0	20,250	0	20,250	0
2001	2,773,207	973,763	35	350	0	973,413-	35-
2002	1,580,022	47,752	3	842,803	53	795,051	50
2003	3,081,492	1,016,856	33		0	1,016,856-	33-
2004	2,629,000	1,220,722	46		0	1,220,722-	46-
2005	2,723,301	1,455,836	53	3,066	0	1,452,769-	53-
2006	8,467,051	5,300,625	63	17,365	0	5,283,260-	62-
2007	5,552,705	1,817,773	33	176,926	3	1,640,847-	30-
2008	1,602,275	654,037	41		0	654,037-	41-
2009	4,750,276	2,120,465	45	20,000	0	2,100,465-	44-
2010	8,267,108	974,238	12	10,802	0	963,435-	12-
2011	7,436,356	1,421,560	19	342,587	5	1,078,973-	15-
2012	23,431,274	5,029,476	21	172,783	1	4,856,693-	21-
2013	5,299,416	4,590,997	87	323,182	6	4,267,815-	81-
2014	12,989,896	2,451,690	19	186,603	1	2,265,087-	17-
2015	18,285,838	1,902,123	10	260,531	1	1,641,592-	9-
2016	10,706,444	3,910,726	37	199,327	2	3,711,400-	35-
2017	8,820,017	5,529,286	63	131,933	1	5,397,354-	61-
TOTAL	155,030,596	46,932,006	30	3,929,933	3	43,002,073-	28-

## Attachment 1 to Response to US DOD-1 Question No. 21

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Spanos

## KENTUCKY UTILITIES COMPANY

## ACCOUNT 312 BOILER PLANT EQUIPMENT

## SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
88-90	1,917,725	11,054-	1-	28,502	1	39,556	2
89-91	93,477		0		0		0
90-92	1,173,707	42,076	4	786	0	41,290-	4-
91-93	1,151,446	237,568	21	66,877-	6-	304,446-	26-
92-94	2,186,633	649,395	30	65,045-	3-	714,440-	33-
93-95	2,003,273	903,104	45	36,392-	2-	939,496-	47-
94-96	2,795,069	1,164,968	42	446,515	16	718,452-	26-
95-97	2,925,598	998,687	34	446,921	15	551,766-	19-
96-98	2,186,775	978,292	45	412,513	19	565,779-	26-
97-99	1,655,917	779,878	47	999-	0	780,877-	47-
98-00	1,848,351	534,332	29	3,514	0	530,819-	29-
99-01	2,567,880	583,529	23	8,599	0	574,930-	22-
00-02	2,809,226	340,505	12	287,801	10	52,704-	2-
01-03	2,478,240	679,457	27	281,051	11	398,406-	16-
02-04	2,430,171	761,777	31	280,934	12	480,842-	20-
03-05	2,811,264	1,231,138	44	1,022	0	1,230,116-	44-
04-06	4,606,451	2,659,061	58	6,811	0	2,652,250-	58-
05-07	5,581,019	2,858,078	51	65,786	1	2,792,292-	50-
06-08	5,207,344	2,590,812	50	64,764	1	2,526,048-	49-
07-09	3,968,419	1,530,758	39	65,642	2	1,465,117-	37-
08-10	4,873,220	1,249,580	26	10,267	0	1,239,312-	25-
09-11	6,817,913	1,505,421	22	124,463	2	1,380,958-	20-
10-12	13,044,913	2,475,091	19	175,391	1	2,299,700-	18-
11-13	12,055,682	3,680,678	31	279,518	2	3,401,160-	28-
12-14	13,906,862	4,024,055	29	227,523	2	3,796,532-	27-
13-15	12,191,717	2,981,604	24	256,772	2	2,724,832-	22-
14-16	13,994,059	2,754,847	20	215,487	2	2,539,360-	18-
15-17	12,604,100	3,780,712	30	197,263	2	3,583,449-	28-

## FIVE-YEAR AVERAGE

13-17	11,220,322	3,676,965	33	220,315	2	3,456,650-	31-
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Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1994	1,285,265	314,381	24		0	314,381-	24-
1995	1,942,977	374,438	19	110,477	6	263,960-	14-
1996	1,313,231	452,454	34	2,403,674	183	1,951,220	149
1997	3,603,445	466,687	13		0	466,687-	13-
1998	210,345	173,846	83		0	173,846-	83-
1999	152,655	85,180	56		0	85,180-	56-
2000	32,604		0		0		0
2001	100,327	27,123	27		0	27,123-	27-
2002	405,528	42,556	10	314,790	78	272,234	67
2003	3,275,422	878,306	27	61,336	2	816,969-	25-
2004	1,624,795	449,310	28		0	449,310-	28-
2005	771,200	302,941	39		0	302,941-	39-
2006	3,934,128	1,012,073	26		0	1,012,073-	26-
2007	832,436	139,427	17	582,620	70	443,192	53
2008	3,477,445	544,686	16		0	544,686-	16-
2009	4,484,265	1,068,154	24	167,816	4	900,337-	20-
2010	133,532	18,175	14		0	18,175-	14-
2011	1,816,683	534,507	29	920,288	51	385,780	21
2012	957,971	536,939	56		0	536,939-	56-
2013	3,284,484	330,529	10		0	330,529-	10-
2014	1,010,285	223,264	22		0	223,264-	22-
2015	4,274,069	850,763	20		0	850,763-	20-
2016	513,878	481,408	94		0	481,408-	94-
2017	4,382,123	490,378	11	48,995	1	441,383-	10-
TOTAL	43,819,093	9,797,523	22	4,609,996	11	5,187,526-	12-

THREE-YEAR MOVING AVERAGES

94-96	1,513,824	380,424	25	838,051	55	457,626	30
95-97	2,286,551	431,193	19	838,051	37	406,858	18
96-98	1,709,007	364,329	21	801,225	47	436,896	26
97-99	1,322,148	241,904	18		0	241,904-	18-
98-00	131,868	86,342	65		0	86,342-	65-
99-01	95,195	37,434	39		0	37,434-	39-

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
00-02	179,486	23,226	13	104,930	58	81,704	46
01-03	1,260,426	315,995	25	125,376	10	190,619-	15-
02-04	1,768,582	456,724	26	125,376	7	331,348-	19-
03-05	1,890,472	543,519	29	20,446	1	523,073-	28-
04-06	2,110,041	588,108	28		0	588,108-	28-
05-07	1,845,921	484,814	26	194,207	11	290,607-	16-
06-08	2,748,003	565,395	21	194,207	7	371,189-	14-
07-09	2,931,382	584,089	20	250,145	9	333,944-	11-
08-10	2,698,414	543,672	20	55,939	2	487,733-	18-
09-11	2,144,827	540,279	25	362,701	17	177,578-	8-
10-12	969,395	363,207	37	306,762	32	56,445-	6-
11-13	2,019,713	467,325	23	306,762	15	160,563-	8-
12-14	1,750,913	363,577	21		0	363,577-	21-
13-15	2,856,280	468,185	16		0	468,185-	16-
14-16	1,932,744	518,478	27		0	518,478-	27-
15-17	3,056,690	607,516	20	16,332	1	591,184-	19-
FIVE-YEAR AVERAGE							
13-17	2,692,968	475,268	18	9,799	0	465,469-	17-

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1991	6,329		0		0		0
1992							
1993	37,232	74,358	200	396,748-		471,106-	
1994	9,852	977	10		0	977-	10-
1995	145,075	11,330	8	7,322	5	4,008-	3-
1996	76,925	10,741	14	124,975	162	114,234	149
1997	38,297	2,010	5		0	2,010-	5-
1998							
1999							
2000							
2001	16,118	6,569	41		0	6,569-	41-
2002	434		0	64,999		64,999	
2003	836		0		0		0
2004	28,226	7,603	27		0	7,603-	27-
2005							
2006	108,356	11,238	10		0	11,238-	10-
2007	195,095	71,257	37		0	71,257-	37-
2008	975		0		0		0
2009	69,407	58,030	84		0	58,030-	84-
2010	33,428	2,689	8	9,196	28	6,507	19
2011	909,711	308,869	34	119,912	13	188,957-	21-
2012	151,980	93,390	61	618	0	92,772-	61-
2013	363,097	239,415	66	2,808	1	236,607-	65-
2014	50,933	3,296	6	2,842	6	454-	1-
2015	30,263	7,973	26		0	7,973-	26-
2016	248,392	40,448	16		0	40,448-	16-
2017	115,065	15,658	14		0	15,658-	14-
TOTAL	2,636,025	965,851	37	64,076-	2-	1,029,928-	39-

THREE-YEAR MOVING AVERAGES

91-93	14,520	24,786	171	132,249-	911-	157,035-	
92-94	15,695	25,112	160	132,249-	843-	157,361-	
93-95	64,053	28,888	45	129,809-	203-	158,697-	248-

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
94-96	77,284	7,682	10	44,099	57	36,416	47
95-97	86,766	8,027	9	44,099	51	36,072	42
96-98	38,407	4,250	11	41,658	108	37,408	97
97-99	12,766	670	5		0	670-	5-
98-00							
99-01	5,373	2,190	41		0	2,190-	41-
00-02	5,517	2,190	40	21,666	393	19,477	353
01-03	5,796	2,190	38	21,666	374	19,477	336
02-04	9,832	2,534	26	21,666	220	19,132	195
03-05	9,687	2,534	26		0	2,534-	26-
04-06	45,527	6,280	14		0	6,280-	14-
05-07	101,150	27,498	27		0	27,498-	27-
06-08	101,475	27,498	27		0	27,498-	27-
07-09	88,492	43,096	49		0	43,096-	49-
08-10	34,603	20,240	58	3,065	9	17,174-	50-
09-11	337,515	123,196	37	43,036	13	80,160-	24-
10-12	365,039	134,983	37	43,242	12	91,741-	25-
11-13	474,929	213,891	45	41,113	9	172,779-	36-
12-14	188,670	112,034	59	2,089	1	109,944-	58-
13-15	148,098	83,562	56	1,883	1	81,678-	55-
14-16	109,862	17,239	16	947	1	16,292-	15-
15-17	131,240	21,360	16		0	21,360-	16-
FIVE-YEAR AVERAGE							
13-17	161,550	61,358	38	1,130	1	60,228-	37-



Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
		AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1988	7,815		0	100	1	100	1
1989	20,616		0	4,480	22	4,480	22
1990	4,249,398		0	164,118	4	164,118	4
1991	4,929		0		0		0
1992	55,521	958	2		0	958-	2-
1993	11,206	383	3	37,633	336	37,251	332
1994	24,722	42	0	337	1	295	1
1995	52,493	70	0	6,472	12	6,402	12
1996	50,369	120	0	7,529	15	7,409	15
1997	244,396	219	0	3,617	1	3,397	1
1998	65,320	374	1	12,212-	19-	12,586-	19-
1999	111,838	432	0	5,234	5	4,802	4
2000	472		0		0		0
2001	25,187		0		0		0
2002	56,542-		0	23,399	41-	23,399	41-
2003							
2004	186,564	10,310	6		0	10,310-	6-
2005							
2006	122,613	3,804	3	567	0	3,237-	3-
2007	196,052	737	0		0	737-	0
2008	15,404		0		0		0
2009	39,354	1,153	3		0	1,153-	3-
2010	20,830	3,603	17		0	3,603-	17-
2011	365,962	8,495	2		0	8,495-	2-
2012	149,327	7,193	5		0	7,193-	5-
2013	10,638	4,091	38		0	4,091-	38-
2014	191,506		0		0		0
2015	81,385	261,730	322		0	261,730-	322-
2016	470,726	10,352	2		0	10,352-	2-
2017	375,840	22,778	6	27,560	7	4,782	1
TOTAL	7,093,940	336,845	5	268,834	4	68,011-	1-

Attachment 1 to Response to US DOD-1 Question No. 21

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
88-90	1,425,943		0	56,233	4	56,233	4
89-91	1,424,981		0	56,199	4	56,199	4
90-92	1,436,616	319	0	54,706	4	54,387	4
91-93	23,885	447	2	12,544	53	12,098	51
92-94	30,483	461	2	12,657	42	12,196	40
93-95	29,474	165	1	14,814	50	14,649	50
94-96	42,528	77	0	4,779	11	4,702	11
95-97	115,753	137	0	5,872	5	5,736	5
96-98	120,028	238	0	356-	0	593-	0
97-99	140,518	342	0	1,121-	1-	1,462-	1-
98-00	59,210	269	0	2,326-	4-	2,595-	4-
99-01	45,832	144	0	1,745	4	1,601	3
00-02	10,294-		0	7,800	76-	7,800	76-
01-03	10,452-		0	7,800	75-	7,800	75-
02-04	43,341	3,437	8	7,800	18	4,363	10
03-05	62,188	3,437	6		0	3,437-	6-
04-06	103,059	4,705	5	189	0	4,516-	4-
05-07	106,222	1,514	1	189	0	1,325-	1-
06-08	111,356	1,514	1	189	0	1,325-	1-
07-09	83,603	630	1		0	630-	1-
08-10	25,196	1,585	6		0	1,585-	6-
09-11	142,049	4,417	3		0	4,417-	3-
10-12	178,706	6,430	4		0	6,430-	4-
11-13	175,309	6,593	4		0	6,593-	4-
12-14	117,157	3,762	3		0	3,762-	3-
13-15	94,509	88,607	94		0	88,607-	94-
14-16	247,872	90,694	37		0	90,694-	37-
15-17	309,317	98,287	32	9,187	3	89,100-	29-
FIVE-YEAR AVERAGE							
13-17	226,019	59,790	26	5,512	2	54,278-	24-

The attachment is being provided in a separate file in Excel format.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 23**

**Responding Witness: John J. Spanos**

- Q-23. For each FERC account studied in the depreciation study filed as Exhibit JJS-KU-1, please identify and explain all adjustments Mr. Spanos or Gannett Fleming made to KU's accounting data prior to conducting the life and net salvage analyses that are presented in sections VII and VIII of the depreciation study filed as Exhibit JJS-KU-1.
- A-23. No adjustments were made to KU's accounting data prior to conducting life and net salvage analysis. The salvage analysis does exclude entries identified as final retirements and reimbursements.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 24**

**Responding Witness: John J. Spanos**

- Q-24. Please provide in Excel format or .csv format, the calculation of remaining life depreciation accrual for all accounts presented in Part IX Detailed Depreciation Calculations of the depreciation study filed as Exhibit JJS-KU-1. If not available in the requested format, Microsoft Word format will suffice.
- A-24. See attached. The attached file sets forth the remaining life depreciation accrual for all accounts presented in Part IX of the depreciation study.

Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRIMBLE COUNTY UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2066						
NET SALVAGE PERCENT.. -13						
1990	34,837,229.35	14,383,181	17,854,686	21,511,383	45.30	474,865
1997	449,904.13	152,019	188,710	319,682	45.97	6,954
2002	24,848.68	6,832	8,481	19,598	46.37	423
2003	61,493.38	16,069	19,947	49,540	46.44	1,067
2008	53,301.70	9,900	12,289	47,941	46.77	1,025
2011	58,056,256.74	7,772,711	9,648,722	55,954,848	46.95	1,191,797
2012	377,820.80	43,560	54,074	372,864	47.00	7,933
2013	79,448.45	7,645	9,490	80,287	47.05	1,706
2014	158,517.38	12,057	14,967	164,158	47.11	3,485
2015	163,213.72	9,037	11,218	173,213	47.16	3,673
2016	855,810.63	29,205	36,254	930,812	47.20	19,721
2017	1,189,423.20	13,790	17,118	1,326,930	47.25	28,083
	96,307,268.16	22,456,006	27,875,957	80,951,256		1,740,732

TRIMBLE COUNTY UNIT 2 SCRUBBER  
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5  
PROBABLE RETIREMENT YEAR.. 6-2066  
NET SALVAGE PERCENT.. -13

1990	5,493,644.11	2,268,150	3,219,207	2,988,611	45.30	65,974
2012	62,807.35	7,241	10,277	60,695	47.00	1,291
	5,556,451.46	2,275,391	3,229,484	3,049,306		67,265

SYSTEM LABORATORY  
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5  
PROBABLE RETIREMENT YEAR.. 6-2040  
NET SALVAGE PERCENT.. 0

1989	724,776.82	403,382	589,890	134,887	21.99	6,134
1990	58,100.00	31,838	46,559	11,541	22.00	525

Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SYSTEM LABORATORY						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. 0						
1994	6,176.00	3,143	4,596	1,580	22.07	72
1997	16,663.00	7,916	11,576	5,087	22.11	230
2011	19,253.00	4,298	6,285	12,968	22.27	582
2012	255,306.75	49,956	73,054	182,253	22.28	8,180
2014	8,935.37	1,197	1,750	7,185	22.30	322
2015	13,745.45	1,371	2,005	11,741	22.30	527
2017	14,162.74	304	445	13,718	22.32	615
	1,117,119.13	503,405	736,160	380,959		17,187

BROWN UNIT 1  
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1956	2,426,213.14	2,522,150	2,571,786
1958	382.11	397	405
1965	283.00	293	300
1979	14,516.00	14,925	15,387
1982	91,160.00	93,496	96,630
1983	1,965.00	2,014	2,083
1984	5,212.00	5,335	5,525
1985	1,849.00	1,891	1,960
1987	43,137.68	44,014	45,726
1988	45,243.11	46,105	47,958
1989	64,194.00	65,331	68,046
1990	658.09	669	698
1991	23,174.40	23,515	24,565
1994	666,989.00	673,178	707,008
1995	352,899.61	355,426	374,074
1996	94,854.89	95,316	100,546
1997	72,522.04	72,690	76,873

Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
1998	11,065.00	11,060	11,729			
2004	108,817.17	106,102	115,346			
2005	71,616.67	69,387	75,914			
2006	35,830.85	34,460	37,981			
2007	85,296.44	81,319	90,414			
2008	436,431.15	411,697	462,617			
2014	8,914.20	7,077	8,993	456	1.17	390
2015	13,918.24	10,037	12,754	1,999	1.17	1,709
	4,677,142.79	4,747,884	4,955,316	2,455		2,099

BROWN UNIT 2  
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1963	1,268,530.68	1,315,679	1,344,643			
1965	11,653.00	12,077	12,352			
1966	10,986.00	11,381	11,645			
1967	2,142.72	2,219	2,271			
1979	24,545.95	25,237	26,019			
1980	400.00	411	424			
1983	1,964.15	2,013	2,082			
1992	96,409.90	97,665	102,194			
1997	19,477.46	19,523	20,646			
2004	43,200.52	42,123	45,793			
2005	5,793.58	5,613	6,141			
2007	565,018.59	538,668	598,920			
2009	21,690.24	20,201	22,992			



Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
2012	133,555.40	116,661	141,569			
2015	91,828.24	66,222	84,186	13,152	1.17	11,241
2016	12,530.96	7,440	9,458	3,825	1.17	3,269
	2,309,727.39	2,283,133	2,431,335	16,976		14,510

BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1967	1,440.97	1,129	1,300	227	16.88	13
1968	93.83	73	84	15	16.90	1
1971	7,455,327.76	5,715,511	6,583,108	1,319,539	16.96	77,803
1972	56,652.66	43,172	49,725	10,326	16.98	608
1973	11,995.55	9,086	10,465	2,250	16.99	132
1974	2,999.00	2,257	2,600	579	17.01	34
1975	15,098.31	11,286	12,999	3,005	17.03	176
1977	1,211,596.00	892,827	1,028,355	255,936	17.06	15,002
1979	8,850.03	6,421	7,396	1,985	17.09	116
1980	275,262.00	198,097	228,168	63,610	17.10	3,720
1983	3,928.40	2,751	3,169	996	17.14	58
1984	146,459.90	101,557	116,973	38,274	17.15	2,232
1985	37,553.55	25,772	29,684	10,123	17.16	590
1986	44,536.07	30,229	34,818	12,391	17.17	722
1987	251,180.26	168,476	194,050	72,201	17.19	4,200
1988	56,900.74	37,703	43,426	16,889	17.20	982
1989	477,066.00	312,031	359,396	146,294	17.21	8,501
1990	19,516.88	12,591	14,502	6,186	17.22	359
1991	68,381.00	43,480	50,080	22,404	17.23	1,300
1992	756,531.00	473,688	545,592	256,330	17.24	14,868
1993	84,689.00	52,157	60,074	29,696	17.25	1,722

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KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1995	22,964.00	13,643	15,714	8,628	17.26	500
1997	196,910.73	112,184	129,213	79,512	17.28	4,601
1998	127,955.64	71,207	82,016	53,617	17.29	3,101
2001	83,885.45	43,000	49,527	39,391	17.31	2,276
2003	193,441.22	92,561	106,611	98,436	17.33	5,680
2004	122,280.23	56,258	64,798	64,819	17.33	3,740
2005	95,151.19	41,875	48,231	52,629	17.34	3,035
2007	8,016,945.98	3,175,264	3,657,259	4,840,703	17.35	279,003
2009	200,931.69	69,398	79,932	133,055	17.36	7,664
2010	423,902.15	134,239	154,616	294,720	17.37	16,967
2011	43,327.16	12,394	14,275	31,651	17.37	1,822
2012	602,913.83	152,135	175,229	463,860	17.38	26,689
2013	504,143.53	108,936	125,472	408,920	17.38	23,528
2014	966,396.11	169,996	195,801	828,579	17.39	47,647
2015	57,124.43	7,531	8,674	51,878	17.39	2,983
2016	3,484,095.76	291,463	335,706	3,357,435	17.39	193,067
2017	2,625,976.32	76,241	87,814	2,695,721	17.40	154,926
	28,754,404.33	12,768,619	14,706,856	15,772,813		910,368

BROWN UNITS 1, 2 AND 3 SCRUBBER

INTERIM SURVIVOR CURVE.. IOWA 105-R2.5

PROBABLE RETIREMENT YEAR.. 6-2035

NET SALVAGE PERCENT.. -6

2013	45,235,689.37	9,774,573	12,240,569	35,709,262	17.38	2,054,618
2015	146,854.51	19,360	24,244	131,422	17.39	7,557
	45,382,543.88	9,793,933	12,264,813	35,840,684		2,062,175

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KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 1 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1997	8,362,584.36	4,984,716	7,487,753	1,543,838	16.31	94,656
2007	34,607.76	14,486	21,760	15,616	16.37	954
	8,397,192.12	4,999,202	7,509,513	1,559,454		95,610
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1974	14,424,151.94	11,243,950	14,576,346	1,001,738	16.07	62,336
1979	287,003.73	216,033	280,059	29,905	16.14	1,853
1980	27,171.00	20,290	26,303	3,041	16.15	188
1981	10,791.00	7,992	10,361	1,294	16.16	80
1985	107,260.53	76,532	99,214	16,627	16.20	1,026
1987	218,325.45	152,432	197,609	38,183	16.22	2,354
1988	97,360.62	67,175	87,084	18,066	16.23	1,113
1992	29,300.00	19,139	24,811	6,833	16.27	420
1994	74,968.00	47,379	61,421	19,545	16.29	1,200
1995	60,912.73	37,820	49,029	16,757	16.29	1,029
1996	351,738.57	214,137	277,601	102,276	16.30	6,275
1997	33,704.37	20,090	26,044	10,357	16.31	635
2003	143,388.86	72,171	93,560	61,299	16.35	3,749
2005	240,490.70	111,520	144,571	115,159	16.36	7,039
2007	240,638.23	100,728	130,581	129,308	16.37	7,899
2009	333,988.93	122,179	158,389	202,319	16.38	12,352
2010	643,507.32	216,475	280,632	414,356	16.38	25,296
2011	511,676.99	155,538	201,635	350,976	16.39	21,414
2013	237,388.65	54,719	70,936	185,444	16.40	11,308

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KENTUCKY UTILITIES COMPANY

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
2015	1,094,293.61	155,246	201,257	980,580	16.40	59,791
2016	1,515,148.86	135,376	175,498	1,460,863	16.41	89,023
2017	662,038.58	21,143	27,409	687,592	16.41	41,901
	21,345,248.67	13,268,064	17,200,351	5,852,518		358,281
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1977	14,678,326.49	11,215,075	13,481,827	2,370,765	16.11	147,161
1979	227,477.00	171,226	205,834	39,842	16.14	2,469
1980	88,059.38	65,759	79,050	16,054	16.15	994
1981	10,786.00	7,989	9,604	2,045	16.16	127
1986	385,657.47	272,277	327,309	89,201	16.21	5,503
1988	13,292.75	9,171	11,025	3,332	16.23	205
1989	11,294.78	7,696	9,251	2,947	16.24	181
1991	1,929.73	1,280	1,539	545	16.26	34
1995	27,739.56	17,223	20,704	9,255	16.29	568
1998	67,159.90	39,131	47,040	25,493	16.32	1,562
2003	223,834.88	112,661	135,432	106,310	16.35	6,502
2013	194,635.03	44,864	53,932	156,274	16.40	9,529
2015	130,289.29	18,484	22,220	118,493	16.40	7,225
2016	351,144.86	31,374	37,715	341,521	16.41	20,812
2017	241,422.48	7,710	9,268	251,468	16.41	15,324
	16,653,049.60	12,021,920	14,451,749	3,533,545		218,196

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ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
1981	34,380,542.39	24,098,010	27,869,728	9,261,258	19.01	487,178
1982	1,235,435.00	857,535	991,753	342,517	19.03	17,999
1983	511.16	351	406	146	19.04	8
1987	2,248,542.00	1,475,414	1,706,340	722,086	19.10	37,806
1995	9,779.16	5,636	6,518	4,043	19.20	211
1996	195,780.51	110,454	127,742	83,701	19.21	4,357
2001	263,336.76	129,845	150,168	134,236	19.26	6,970
2002	234,131.24	111,545	129,004	123,858	19.27	6,428
2004	2,640,221.52	1,161,591	1,343,398	1,508,041	19.29	78,177
2005	105,410.84	44,326	51,264	62,580	19.29	3,244
2010	643,443.60	192,381	222,492	472,427	19.33	24,440
2011	109,662.90	29,482	34,096	84,340	19.34	4,361
2014	8,999,804.63	1,474,395	1,705,161	8,014,628	19.35	414,193
2016	64,860.31	5,006	5,790	64,260	19.36	3,319
2017	325,594.72	8,675	10,033	341,610	19.37	17,636
	51,457,056.74	29,704,646	34,353,891	21,219,730		1,106,327

GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
1984	15,364,534.75	10,252,914	9,452,560	7,141,138	20.00	357,057
1985	928,979.83	612,744	564,912	438,386	20.02	21,897
1986	734,905.00	478,798	441,422	352,275	20.04	17,579
1987	15,869.00	10,209	9,412	7,726	20.05	385
1988	8,118.00	5,152	4,750	4,018	20.07	200
1989	20,054.00	12,549	11,569	10,089	20.08	502
1990	23,192.76	14,292	13,176	11,872	20.10	591
1991	16,217.00	9,837	9,069	8,445	20.11	420
1992	24,302.00	14,490	13,359	12,887	20.13	640

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ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
1993	42,417.00	24,842	22,903	22,908	20.14	1,137
1994	11,881.56	6,827	6,294	6,538	20.15	324
1996	70,941.70	39,062	36,013	40,604	20.18	2,012
1997	1,942,669.00	1,044,866	963,303	1,134,780	20.19	56,205
2001	618,493.64	296,734	273,571	394,403	20.23	19,496
2002	186,501.00	86,387	79,644	121,778	20.24	6,017
2003	86,074.14	38,365	35,370	57,590	20.25	2,844
2004	276,923.25	118,309	109,074	190,003	20.26	9,378
2005	181,861.63	74,100	68,316	128,095	20.27	6,319
2007	7,212,117.43	2,627,726	2,422,603	5,366,484	20.29	264,489
2010	581,597.75	167,578	154,497	473,629	20.31	23,320
2011	437,903.41	113,415	104,562	368,374	20.32	18,129
2012	265,809.06	60,535	55,810	231,264	20.32	11,381
2013	1,076,247.83	208,351	192,087	970,261	20.33	47,726
2014	10,160,659.69	1,591,379	1,467,154	9,506,358	20.34	467,373
2015	462,088.77	54,043	49,824	449,232	20.34	22,086
2016	903,040.74	66,124	60,962	914,322	20.35	44,930
2017	1,617,760.77	41,897	38,626	1,708,555	20.35	83,958
	43,271,160.71	18,071,525	16,660,841	30,072,013		1,486,395

GHENT UNIT 2 SCRUBBER

INTERIM SURVIVOR CURVE.. IOWA 105-R2.5

PROBABLE RETIREMENT YEAR.. 6-2034

NET SALVAGE PERCENT.. -8

1994	15,816,339.70	9,995,838	14,084,948	2,996,699	16.29	183,959
	15,816,339.70	9,995,838	14,084,948	2,996,699		183,959

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ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2017	36,901.04	956		39,853	20.35	1,958
	36,901.04	956		39,853		1,958
	341,081,605.72	142,890,522	170,461,214	201,288,261		8,265,062
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						24.4 2.42

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ACCOUNT 311.2 STRUCTURES AND IMPROVEMENTS - RETIRED PLANT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
TYRONE UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2015						
NET SALVAGE PERCENT.. -10						
1947	559,688.83	615,658	615,658			
1948	291,289.73	320,419	320,419			
1949	3,757.35	4,133	4,133			
1951	449.85	495	495			
1953	284,320.41	312,752	312,752			
1954	19,256.64	21,182	21,182			
1955	1,152.61	1,268	1,268			
1966	18.41	20	20			
1970	15,244.21	16,769	16,769			
1973	0.48	1	1			
1978	45,723.00	50,295	50,295			
1987	1.57	2	2			
1989	18,427.65	20,270	20,270			
1994	23,811.21	26,192	26,192			
1995	7,264.00	7,990	7,990			
1996	21.00	23	23			
1998	6,158.71	6,775	6,775			
1999	1,781.97	1,960	1,960			
2000	10,208.60	11,229	11,229			
2003	10,426.12	11,469	11,469			
2004	2,086.10	2,295	2,295			
2007	135,867.17	149,454	149,454			
2009	157,801.67	173,582	173,582			
2011	10,306.64	11,337	11,337			
2013	6,150.84	6,766	6,766			
2015	209,964.73	230,961	230,961			
	1,821,179.50	2,003,297	2,003,297			



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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TYRONE UNITS 1 AND 2						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2015						
NET SALVAGE PERCENT.. -10						
1947	464,339.65	510,774	510,774			
1973	32,257.44	35,483	35,483			
1974	3,680.00	4,048	4,048			
2000	36,257.09	39,883	39,883			
2001	78,101.58	85,912	85,912			
2003	11,541.15	12,695	12,695			
2004	4,683.12	5,151	5,151			
	630,860.03	693,946	693,946			
GREEN RIVER UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2015						
NET SALVAGE PERCENT.. -10						
1954	1,550,242.02	1,705,266	1,705,266			
1955	34,484.51	37,933	37,933			
1977	454,212.76	499,634	499,634			
1978	2,303.00	2,533	2,533			
1982	372,934.13	410,228	410,228			
1985	19,443.60	21,388	21,388			
1996	107,389.55	118,129	118,129			
1997	26,427.69	29,070	29,070			
2007	40,561.24	44,617	44,617			
2011	107,003.10	117,703	117,703			
2012	10,061.86	11,068	11,068			
2013	31,239.04	34,363	34,363			
	2,756,302.50	3,031,932	3,031,933			

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ACCOUNT 311.2 STRUCTURES AND IMPROVEMENTS - RETIRED PLANT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GREEN RIVER UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2015						
NET SALVAGE PERCENT.. -10						
1954	1,164.00	1,280	1,280			
1959	2,161,579.97	2,377,738	2,377,738			
1960	9,468.10	10,415	10,415			
1965	0.10		0			
1966	2,606.00	2,867	2,867			
1971	881.40	970	970			
1972	65.10	72	72			
1974	36.19	40	40			
1975	1,648.52	1,813	1,813			
1980	42,214.04	46,435	46,435			
1981	66.60	73	73			
1982	1,306.83	1,438	1,438			
1984	7,645.65	8,410	8,410			
1985	24,235.92	26,660	26,660			
1986	79,771.36	87,748	87,748			
1987	8,740.03	9,614	9,614			
1988	18,125.00	19,938	19,938			
1989	156.90	173	173			
1990	0.35		0			
1991	152,430.19	167,673	167,673			
1992	2,336.56	2,570	2,570			
1993	4,681.88	5,150	5,150			
1994	0.20		0			
1995	35,470.17	39,017	39,017			
1996	148,489.00	163,338	163,338			
1997	103,109.11	113,420	113,420			
1999	13,769.35	15,146	15,146			
2000	125,696.00	138,266	138,266			
2001	42,304.92	46,535	46,535			
2003	61,159.54	67,275	67,275			
2004	23,213.76	25,535	25,535			
2005	230,880.63	253,969	253,969			

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GREEN RIVER UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2015						
NET SALVAGE PERCENT.. -10						
2006	23,820.27	26,202	26,202			
2007	126,896.02	139,586	139,586			
2009	247,241.98	271,966	271,966			
2010	93,859.03	103,245	103,245			
2011	463,969.76	510,367	510,367			
2012	520,231.89	572,255	572,255			
2013	809,993.40	890,993	890,993			
2016	42,182.68	46,401	46,401			
	5,631,448.40	6,194,593	6,194,593			

GREEN RIVER UNITS 1 AND 2  
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5  
PROBABLE RETIREMENT YEAR.. 12-2015  
NET SALVAGE PERCENT.. -10

1941	632.00	695	695			
1950	1,022,178.80	1,124,397	1,124,397			
1951	43,895.11	48,285	48,285			
1954	12,435.28	13,679	13,679			
1960	11,239.00	12,363	12,363			
1961	219.00	241	241			
1965	6,953.70	7,649	7,649			
1970	0.08		0			
1973	5,098.15	5,608	5,608			
1974	32,248.63	35,473	35,473			
1975	427,498.02	470,248	470,248			
1977	91,811.76	100,993	100,993			
1978	34,073.00	37,480	37,480			
1997	68,189.00	75,008	75,008			
	1,756,471.53	1,932,119	1,932,119			

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Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 311.2 STRUCTURES AND IMPROVEMENTS - RETIRED PLANT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
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PINEVILLE UNIT 3  
INTERIM SURVIVOR CURVE.. IOWA 105-R2.5  
PROBABLE RETIREMENT YEAR.. 12-2015  
NET SALVAGE PERCENT.. -10

1951	5,844.00	6,428	6,428
1963	7,129.00	7,842	7,842
1970	1,082.00	1,190	1,190
1975	8,772.00	9,649	9,649
1976	20.00	22	22
1978	2,577.11	2,835	2,835
1979	8,108.00	8,919	8,919
1988	1,821.00	2,003	2,003
1995	31,090.00	34,199	34,199
1997	6,678.00	7,346	7,346
2000	10,484.00	11,532	11,532
2002	51,958.50	57,154	57,154
2011	9,638.92	10,603	10,603
2013	37,239.96	40,964	40,964

182,442.49      200,686      200,687

12,778,704.45      14,056,573      14,056,575

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 0.0      0.00

Attachment to Response to US DOD-1 Question No. 24

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRIMBLE COUNTY UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2066						
NET SALVAGE PERCENT.. -13						
1990	30,411,667.13	12,652,230	17,857,673	16,507,510	38.51	428,655
1999	46,214.59	14,440	20,381	31,842	40.74	782
2002	235,262.87	64,194	90,605	175,242	41.37	4,236
2003	251,881.90	65,234	92,073	192,554	41.57	4,632
2004	103,726.28	25,377	35,818	81,393	41.76	1,949
2008	11,126.98	2,041	2,881	9,693	42.47	228
2011	479,985,991.31	63,350,471	89,414,437	452,969,733	42.95	10,546,443
2012	4,494,781.01	510,856	721,035	4,358,068	43.10	101,115
2013	836,833.81	79,319	111,953	833,669	43.25	19,276
2014	10,993,731.73	825,876	1,165,662	11,257,255	43.39	259,444
2015	5,565,936.43	303,909	428,945	5,860,563	43.53	134,633
2016	8,836,470.17	295,163	416,600	9,568,611	43.67	219,112
2017	12,492,828.31	140,463	198,253	13,918,643	43.80	317,777
	554,266,452.52	78,329,573	110,556,316	515,764,775		12,038,282

TRIMBLE COUNTY UNIT 2 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2066						
NET SALVAGE PERCENT.. -13						
1990	11,005,849.25	4,578,787	7,757,291	4,679,319	38.51	121,509
2003	51,829.65	13,423	22,741	35,827	41.57	862
2005	14,655.98	3,374	5,716	10,845	41.94	259
2007	131,148.15	26,142	44,289	103,908	42.30	2,456
2011	60,043,715.62	7,924,810	13,426,057	54,423,341	42.95	1,267,133
2012	1,218,956.00	138,541	234,713	1,142,707	43.10	26,513
2013	131,025.54	12,419	21,040	127,019	43.25	2,937
2014	338,774.33	25,450	43,117	339,698	43.39	7,829
2016	17,436.11	582	986	18,717	43.67	429
	72,953,390.63	12,723,528	21,555,951	60,881,380		1,429,927

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
1950	38,574.00	40,067	40,888			
1956	3,863,943.49	4,008,089	4,095,780			
1957	198,794.49	206,118	210,722			
1959	13,000.91	13,472	13,781			
1965	11,524.63	11,919	12,216			
1966	34.45	36	37			
1968	1,948.40	2,013	2,065			
1973	1,590,515.65	1,639,010	1,685,947			
1974	18,694.00	19,253	19,816			
1975	441,330.00	454,271	467,810			
1977	7,170.50	7,372	7,601			
1978	1,881.00	1,932	1,994			
1983	80,244.00	82,109	85,059			
1984	4,372.00	4,469	4,634			
1985	27,185.00	27,763	28,816			
1987	70,883.58	72,230	75,137			
1988	311,788.04	317,325	330,495			
1989	12,314.44	12,517	13,053			
1990	16,976.00	17,231	17,995			
1991	11,405,119.81	11,558,822	12,089,427			
1992	299,803.87	303,352	317,792			
1994	809,175.97	815,767	857,727			
1995	5,085.27	5,116	5,390			
1996	551,595.25	553,691	584,691			
1997	269,896.00	270,249	286,090			
1999	6,580.00	6,551	6,975			
2001	1,316,699.00	1,301,631	1,395,701			
2002	13,656.00	13,443	14,475			
2003	217,931.20	213,504	231,007			
2004	1,794,079.90	1,748,103	1,901,725			
2005	556,841.17	539,154	590,252			

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
2006	40,236.58	38,674	42,651			
2007	421,857.31	401,982	447,169			
2008	2,917,291.73	2,751,029	3,092,329			
2009	1,903,167.53	1,772,067	1,996,820	20,538	1.16	17,705
2010	2,427,890.91	2,224,821	2,506,997	66,567	1.16	57,385
2011	180,640.37	162,215	182,789	8,690	1.16	7,491
2012	3,112,190.42	2,719,994	3,064,974	233,948	1.16	201,679
2013	518,642.40	436,285	491,619	58,141	1.16	50,122
2014	64,953.85	51,638	58,187	10,664	1.16	9,193
2015	1,920,395.92	1,388,679	1,564,807	470,813	1.16	405,873
2016	629,503.50	376,282	424,006	243,267	1.16	209,713
2017	462,166.89	147,557	166,272	323,625	1.16	278,987
	38,556,575.43	36,737,802	39,433,716	1,436,254		1,238,148

BROWN UNIT 2  
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1963	4,969,891.71	5,143,600	5,268,085			
1964	83,935.36	86,839	88,971			
1965	2,736.70	2,830	2,901			
1966	425.52	440	451			
1975	2,622,355.35	2,699,252	2,779,697			
1976	19,653.62	20,218	20,833			
1977	1,845.00	1,897	1,956			
1978	16,079.65	16,519	17,044			
1980	82,061.00	84,181	86,985			
1985	3,930.00	4,013	4,166			
1988	117,057.24	119,136	124,081			
1989	38,963.27	39,603	41,301			

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
1990	28,392.45	28,819	30,096			
1991	382,847.00	388,006	405,818			
1992	195,307.00	197,618	207,025			
1993	2,164,127.18	2,185,883	2,293,975			
1994	3,820,792.27	3,851,912	4,050,040			
1995	314,560.32	316,469	333,434			
1998	380.00	379	403			
1999	1,985,695.00	1,976,947	2,104,837			
2002	30,185.00	29,713	31,996			
2003	419,887.86	411,357	445,081			
2004	3,336,963.09	3,251,447	3,537,181			
2005	115,467.62	111,800	122,396			
2007	319,765.64	304,701	338,952			
2008	38,247.48	36,068	40,542			
2009	5,684,731.37	5,293,136	6,025,815			
2010	1,991,547.56	1,824,973	2,111,040			
2011	636,571.01	571,641	674,765			
2012	6,650,986.04	5,812,833	6,880,984	169,061	1.16	145,742
2013	595,614.98	501,035	593,104	38,248	1.16	32,972
2014	1,500,354.55	1,192,782	1,411,965	178,411	1.16	153,803
2015	2,829,271.46	2,045,907	2,421,858	577,170	1.16	497,560
2016	838,753.03	501,360	593,489	295,590	1.16	254,819
2017	365,423.23	116,669	138,108	249,241	1.16	214,863
	42,204,805.56	39,169,983	43,229,373	1,507,721		1,299,759



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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1971	23,523,835.90	17,761,889	13,144,470	11,790,796	15.69	751,485
1972	227,473.81	170,702	126,326	114,796	15.75	7,289
1973	121,887.17	90,877	67,252	61,948	15.81	3,918
1974	23,028.00	17,059	12,624	11,785	15.86	743
1975	413.00	304	225	213	15.91	13
1976	8,312,827.29	6,073,393	4,494,541	4,317,056	15.96	270,492
1977	300,180.00	217,713	161,116	157,075	16.01	9,811
1980	328,422.00	232,514	172,069	176,058	16.15	10,901
1981	831.05	583	431	449	16.19	28
1982	1,751,913.00	1,218,619	901,824	955,204	16.23	58,854
1983	208,501.00	143,648	106,305	114,706	16.27	7,050
1984	583,948.05	398,267	294,733	324,252	16.31	19,881
1985	178,836.30	120,691	89,316	100,251	16.35	6,132
1986	6,308.00	4,211	3,116	3,570	16.38	218
1987	1,331,048.28	878,095	649,824	761,088	16.42	46,351
1988	825,544.36	538,032	398,164	476,913	16.45	28,992
1990	631,688.53	400,877	296,664	372,926	16.51	22,588
1991	23,220.54	14,524	10,748	13,865	16.54	838
1992	11,745,103.85	7,233,838	5,353,314	7,096,496	16.57	428,274
1993	2,346,857.63	1,421,703	1,052,114	1,435,555	16.60	86,479
1994	3,067,380.50	1,826,357	1,351,573	1,899,850	16.62	114,311
1995	750,300.20	438,387	324,423	470,895	16.65	28,282
1997	4,676,406.78	2,620,513	1,939,279	3,017,712	16.70	180,701
1998	68,370.00	37,441	27,708	44,764	16.72	2,677
1999	401,832.00	214,611	158,820	267,122	16.74	15,957
2000	127,001.94	66,001	48,843	85,779	16.76	5,118
2001	251,033.71	126,648	93,724	172,371	16.78	10,272
2002	74,954.25	36,601	27,086	52,365	16.80	3,117
2003	391,655.38	184,545	136,570	278,584	16.82	16,563
2004	86,283.64	39,073	28,915	62,545	16.84	3,714
2005	3,194,942.75	1,384,594	1,024,652	2,361,987	16.86	140,094
2006	3,039,853.38	1,253,679	927,770	2,294,475	16.88	135,929

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
2007	8,078,544.98	3,152,392	2,332,889	6,230,368	16.89	368,879
2008	1,093,013.42	400,097	296,087	862,507	16.91	51,006
2009	245,739.33	83,589	61,859	198,625	16.93	11,732
2010	1,198,155.42	374,346	277,030	993,015	16.94	58,620
2011	3,445,815.41	970,852	718,467	2,934,097	16.96	173,001
2012	126,893,443.63	31,595,706	23,382,018	111,125,032	16.97	6,548,322
2013	27,923,468.83	5,944,934	4,399,476	25,199,401	16.99	1,483,190
2014	2,079,275.62	361,020	267,168	1,936,864	17.00	113,933
2015	90,311,570.30	11,744,189	8,691,144	87,039,120	17.02	5,113,932
2016	99,107,043.92	8,137,442	6,022,015	99,031,452	17.03	5,815,118
2017	13,673,311.61	397,128	293,890	14,199,821	17.04	833,323
	442,651,264.76	108,327,684	80,166,586	389,043,755		22,988,128
BROWN UNITS 1, 2 AND 3 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1994	5,159,404.89	3,071,975	3,029,123	2,439,846	16.62	146,802
2010	31,326,108.76	9,787,373	9,650,845	23,554,831	16.94	1,390,486
2012	254,234.17	63,303	62,420	207,068	16.97	12,202
2013	295,455,751.48	62,902,825	62,025,367	251,157,730	16.99	14,782,680
2014	763,791.58	132,616	130,766	678,853	17.00	39,933
2015	578,635.26	75,246	74,196	539,157	17.02	31,678
2016	1,607,398.04	131,980	130,139	1,573,703	17.03	92,408
2017	33,243.04	966	953	34,285	17.04	2,012
	335,178,567.22	76,166,284	75,103,808	280,185,473		16,498,201

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 1 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1994	6,386.32	3,973	5,241	1,656	15.73	105
1997	21,423,616.00	12,575,465	16,588,163	6,549,342	15.79	414,778
2010	12,043.79	3,992	5,266	7,741	16.01	484
2011	759,148.82	227,705	300,363	519,517	16.02	32,429
2012	115,917,937.08	30,738,238	40,546,486	84,644,886	16.04	5,277,113
2013	152,123.49	34,589	45,626	118,667	16.05	7,394
2014	67,811.53	12,608	16,631	56,605	16.06	3,525
2015	452,417.04	63,260	83,446	405,165	16.07	25,213
2016	214,603.28	18,917	24,953	206,818	16.09	12,854
2017	570,048.23	17,823	23,510	592,142	16.10	36,779
	139,576,135.58	43,696,570	57,639,685	93,102,541		5,810,674

GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1958	50,033.00	41,562	39,426	14,609	14.07	1,038
1974	48,328,296.23	37,094,152	35,187,978	17,006,582	15.05	1,130,005
1979	153,844.00	113,980	108,123	58,029	15.27	3,800
1980	485,218.64	356,612	338,287	185,750	15.31	12,133
1981	6,294.00	4,587	4,351	2,446	15.35	159
1982	40,874.00	29,537	28,019	16,125	15.38	1,048
1983	0.16		0			
1984	705.60	500	474	288	15.45	19
1985	3,913.34	2,748	2,607	1,620	15.48	105
1986	20,989.71	14,577	13,828	8,841	15.52	570
1987	190,485.08	130,824	124,101	81,623	15.55	5,249
1989	84,769.00	56,835	53,914	37,636	15.60	2,413
1990	63,912.00	42,287	40,114	28,911	15.63	1,850
1991	310,440.00	202,523	192,116	143,159	15.66	9,142

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1992	354,903.01	228,156	216,432	166,864	15.68	10,642
1993	90,815.89	57,447	54,495	43,586	15.71	2,774
1994	379,207.79	235,902	223,780	185,765	15.73	11,810
1995	8,458,382.43	5,168,248	4,902,665	4,232,388	15.75	268,723
1996	787,729.69	472,080	447,821	402,927	15.77	25,550
1998	134,109.00	76,970	73,015	71,823	15.81	4,543
1999	149,045.50	83,471	79,182	81,788	15.83	5,167
2000	37,620.04	20,518	19,464	21,166	15.85	1,335
2001	4,242,188.53	2,247,394	2,131,906	2,449,657	15.87	154,358
2002	3,272,250.00	1,679,477	1,593,173	1,940,857	15.89	122,143
2003	1,517,122.97	752,363	713,701	924,792	15.90	58,163
2004	53,691,449.22	25,618,553	24,302,081	33,684,684	15.92	2,115,872
2005	6,533,312.05	2,985,313	2,831,905	4,224,072	15.94	264,998
2006	2,377,396.83	1,035,483	982,272	1,585,316	15.95	99,393
2007	1,359,443.47	560,456	531,656	936,543	15.97	58,644
2008	993,616.17	385,256	365,459	707,647	15.98	44,283
2009	3,419,068.72	1,232,920	1,169,563	2,523,031	16.00	157,689
2010	4,060,588.58	1,346,022	1,276,853	3,108,582	16.01	194,165
2011	4,926,814.09	1,477,790	1,401,850	3,919,109	16.02	244,639
2012	28,796,494.21	7,636,035	7,243,639	23,856,575	16.04	1,487,318
2013	1,552,115.87	352,908	334,773	1,341,512	16.05	83,583
2014	2,380,884.08	442,684	419,936	2,151,419	16.06	133,961
2015	166,530,486.47	23,285,558	22,088,972	157,763,953	16.07	9,817,296
2016	5,112,103.09	450,630	427,473	5,093,598	16.09	316,569
2017	5,034,197.76	157,399	149,311	5,287,623	16.10	328,424
	355,931,120.22	116,079,757	110,114,714	274,290,896		17,179,573

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KENTUCKY UTILITIES COMPANY

ACCOUNT 312 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1977	58,175,364.71	43,749,364	36,857,216	25,972,178	15.19	1,709,821
1978	378,364.00	282,472	237,972	170,661	15.23	11,206
1979	171,073.08	126,745	106,778	77,981	15.27	5,107
1980	41,332.94	30,378	25,592	19,047	15.31	1,244
1981	6,265.64	4,567	3,848	2,919	15.35	190
1982	74,950.00	54,161	45,629	35,317	15.38	2,296
1986	622,685.40	432,451	364,324	308,176	15.52	19,857
1987	303,212.93	208,245	175,439	152,031	15.55	9,777
1988	440,286.00	298,824	251,748	223,761	15.58	14,362
1989	22,395.85	15,016	12,650	11,537	15.60	740
1990	3,078.00	2,037	1,716	1,608	15.63	103
1991	159,055.00	103,763	87,416	84,363	15.66	5,387
1994	554,181.74	344,751	290,440	308,076	15.73	19,585
1995	192,226.00	117,454	98,951	108,653	15.75	6,899
1996	1,317,733.68	789,707	665,299	757,854	15.77	48,057
1997	1,696,598.00	995,887	838,998	993,328	15.79	62,909
1998	31,096.00	17,847	15,035	18,548	15.81	1,173
1999	1,037,479.70	581,024	489,491	630,987	15.83	39,860
2000	18,464.61	10,071	8,484	11,457	15.85	723
2001	406,215.00	215,201	181,299	257,413	15.87	16,220
2002	5,138,574.32	2,637,365	2,221,882	3,327,778	15.89	209,426
2003	281,262.34	139,482	117,508	186,255	15.90	11,714
2005	2,911,587.84	1,330,413	1,120,824	2,023,691	15.94	126,957
2006	388,451.69	169,191	142,537	276,991	15.95	17,366
2007	384,330.33	158,447	133,486	281,591	15.97	17,632
2008	179,568.29	69,624	58,656	135,278	15.98	8,465
2009	209,912.20	75,695	63,770	162,935	16.00	10,183
2010	5,115,447.96	1,695,691	1,428,557	4,096,127	16.01	255,848
2011	696,400.85	208,884	175,977	576,136	16.02	35,964
2012	30,284,534.59	8,030,623	6,765,502	25,941,795	16.04	1,617,319
2013	22,866,954.02	5,199,314	4,380,229	20,316,081	16.05	1,265,799
2014	1,722,539.16	320,277	269,821	1,590,521	16.06	99,036

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## KENTUCKY UTILITIES COMPANY

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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
2015	139,129,149.04	19,454,095	16,389,353	133,870,128	16.07	8,330,437
2016	1,134,039.40	99,965	84,217	1,140,546	16.09	70,885
2017	1,093,971.20	34,204	28,816	1,152,673	16.10	71,595
	277,188,781.51	88,003,235	74,139,461	225,224,423		14,124,142
GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
1981	128,887,548.59	88,829,556	94,419,316	44,779,236	17.85	2,508,641
1982	4,323,370.79	2,950,540	3,136,208	1,533,032	17.90	85,644
1983	175,918.00	118,824	126,301	63,690	17.95	3,548
1984	9,724,031.69	6,497,769	6,906,653	3,595,301	18.00	199,739
1985	13,041.58	8,618	9,160	4,925	18.04	273
1986	5,003.81	3,267	3,473	1,932	18.09	107
1987	773,529.19	498,833	530,223	305,189	18.13	16,833
1989	51,742.00	32,478	34,522	21,360	18.21	1,173
1990	148,350.00	91,757	97,531	62,687	18.25	3,435
1994	124,286.66	71,816	76,335	57,894	18.39	3,148
1995	694,601.50	393,284	418,032	332,138	18.43	18,022
1996	328,272.00	181,943	193,392	161,142	18.46	8,729
1997	1,620,817.00	878,077	933,332	817,151	18.49	44,194
1998	206,918.25	109,365	116,247	107,225	18.52	5,790
1999	5,607,517.20	2,887,012	3,068,682	2,987,436	18.54	161,135
2000	72,921.99	36,475	38,770	39,985	18.57	2,153
2002	602,894.00	282,393	300,163	350,962	18.62	18,849
2003	855,281.04	385,692	409,962	513,741	18.65	27,546
2004	70,682,706.81	30,583,785	32,508,325	43,828,998	18.67	2,347,563
2005	3,708,105.24	1,532,860	1,629,318	2,375,436	18.69	127,097
2006	1,083,127.40	425,343	452,108	717,669	18.71	38,358

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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
2007	170,859.09	63,278	67,260	117,268	18.74	6,258
2008	7,849.41	2,721	2,892	5,585	18.76	298
2009	5,797,862.51	1,862,352	1,979,544	4,282,148	18.78	228,016
2010	3,722,211.44	1,094,080	1,162,927	2,857,061	18.80	151,971
2011	2,923,273.40	773,782	822,474	2,334,662	18.82	124,052
2012	5,638,318.74	1,315,733	1,398,528	4,690,856	18.83	249,116
2013	5,171,161.32	1,027,501	1,092,158	4,492,696	18.85	238,339
2014	170,490,781.71	27,477,727	29,206,813	154,923,232	18.87	8,210,028
2015	3,549,687.32	427,377	454,270	3,379,392	18.89	178,898
2016	2,668,331.09	201,294	213,961	2,667,837	18.91	141,081
2017	3,657,764.25	97,733	103,883	3,846,502	18.92	203,303
	433,488,085.02	171,143,265	181,912,764	286,254,368		15,353,337

GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
1984	123,326,066.27	80,882,266	67,698,210	65,493,942	18.82	3,480,018
1986	209,125.43	133,871	112,050	113,806	18.93	6,012
1987	110,311.00	69,725	58,360	60,776	18.97	3,204
1989	864,078.80	530,938	444,393	488,812	19.07	25,633
1990	160,162.29	96,951	81,148	91,828	19.11	4,805
1991	11,877.00	7,076	5,923	6,905	19.15	361
1992	91,017.00	53,310	44,620	53,678	19.19	2,797
1994	36,963.56	20,856	17,456	22,464	19.27	1,166
1995	1,910,485.07	1,056,442	884,239	1,179,085	19.30	61,092
1996	704,727.26	381,139	319,012	442,093	19.34	22,859
1998	7,924.00	4,083	3,417	5,140	19.40	265
1999	1,429,371.01	716,750	599,918	943,803	19.43	48,575
2000	42,052.00	20,471	17,134	28,282	19.46	1,453

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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2001	373,444.57	176,065	147,366	255,954	19.49	13,133
2002	813,279.13	370,186	309,845	568,497	19.52	29,124
2003	2,723,839.24	1,192,613	998,213	1,943,533	19.55	99,413
2004	53,538,230.21	22,482,073	18,817,427	39,003,862	19.57	1,993,044
2005	4,262,301.29	1,706,852	1,428,630	3,174,655	19.60	161,972
2006	12,983.46	4,936	4,131	9,891	19.62	504
2007	728,088.85	260,773	218,266	568,070	19.65	28,909
2008	247,594.72	82,978	69,452	197,950	19.67	10,064
2009	8,610,056.79	2,672,214	2,236,635	7,062,226	19.69	358,671
2010	3,558,896.46	1,007,986	843,681	2,999,927	19.72	152,126
2011	6,272,978.31	1,597,299	1,336,934	5,437,882	19.74	275,475
2012	50,601,919.19	11,333,332	9,485,964	45,164,108	19.76	2,285,633
2013	11,920,334.08	2,272,512	1,902,086	10,971,875	19.78	554,695
2014	456,159,644.01	70,380,324	58,908,117	433,744,299	19.80	21,906,278
2015	1,868,343.42	214,695	179,699	1,838,112	19.82	92,740
2016	12,762,644.96	920,610	770,548	13,013,109	19.84	655,903
2017	7,837,630.42	195,702	163,802	8,300,839	19.86	417,968
	751,196,369.80	200,845,028	168,106,676	643,185,403		32,693,892

GHENT UNIT 2 SCRUBBER  
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5  
PROBABLE RETIREMENT YEAR.. 6-2034  
NET SALVAGE PERCENT.. -8

1994	55,574,813.33	34,572,580	57,134,124	2,886,674	15.73	183,514
2001	57,800.67	30,621	50,604	11,821	15.87	745
2002	373,088.95	191,487	316,449	86,488	15.89	5,443
2003	244,482.98	121,243	200,364	63,677	15.90	4,005
2004	463,143.19	220,986	365,198	134,997	15.92	8,480
2006	13,411.72	5,842	9,654	4,830	15.95	303
2012	8,780,826.10	2,328,433	3,847,933	5,635,359	16.04	351,332



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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 2 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
2013	297,276.90	67,593	111,703	209,356	16.05	13,044
2015	580,743.20	81,204	134,197	493,006	16.07	30,679
2016	41,434.95	3,652	6,035	38,715	16.09	2,406
2017	3,698,546.13	115,639	191,103	3,803,327	16.10	236,231
	70,125,568.12	37,739,280	62,367,365	13,368,249		836,182
GHENT 3 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
2007	109,685,027.52	40,622,245	37,585,192	80,874,638	18.74	4,315,616
2011	6,848,600.71	1,812,805	1,677,274	5,719,215	18.82	303,890
2012	249,577.51	58,240	53,886	215,658	18.83	11,453
2013	222,658.95	44,242	40,934	199,537	18.85	10,586
2014	567,246.36	91,422	84,587	528,039	18.87	27,983
2015	221,002.85	26,608	24,619	214,064	18.89	11,332
2016	437,494.93	33,004	30,537	441,958	18.91	23,372
2017	1,096,322.41	29,293	27,103	1,156,925	18.92	61,148
	119,327,931.24	42,717,859	39,524,131	89,350,035		4,765,380
GHENT 4 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2011	125,544.16	31,968	53,807	81,781	19.74	4,143
2012	251,732,171.56	56,380,555	94,897,318	176,973,428	19.76	8,956,145
2013	865,241.71	164,951	277,638	656,823	19.78	33,206
2014	435,675.38	67,220	113,142	357,388	19.80	18,050

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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT 4 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2015	75,609.90	8,688	14,623	67,035	19.82	3,382
2016	153,720.92	11,088	18,663	147,356	19.84	7,427
2017	773,684.26	19,319	32,517	803,062	19.86	40,436
	254,161,647.89	56,683,789	95,407,708	179,086,872		9,062,789
	3,886,806,695.50	1,108,363,637	1,159,258,254	3,052,682,145		155,318,414
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					19.7	4.00

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRIMBLE COUNTY UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. 0						
1990	4,493,379.64	3,688,615	3,041,332	1,452,048	6.00	242,008
2011	4,610,665.23	2,397,546	1,976,821	2,633,844	6.00	438,974
	9,104,044.87	6,086,161	5,018,153	4,085,892		680,982
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2019						
NET SALVAGE PERCENT.. 0						
2005	170,126.36	146,661	170,126			
2007	172,621.19	145,002	172,621			
2008	8,648.65	7,145	8,649			
2009	224,059.52	181,381	224,060			
	575,455.72	480,189	575,456			
GREEN RIVER UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2019						
NET SALVAGE PERCENT.. 0						
1978	931,932.13	887,022	931,932			
1985	296.57	279	297			
1997	5,030.40	4,583	5,030			
2004	49,756.95	43,337	49,757			
2005	26,461.24	22,811	26,461			
2007	72,732.11	61,095	72,732			
2009	246,680.85	199,693	246,681			

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GREEN RIVER UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2019						
NET SALVAGE PERCENT.. 0						
2010	130,846.99	103,300	130,847			
2011	334,280.60	255,628	334,281			
2012	33,823.14	24,804	33,823			
	1,831,840.98	1,602,552	1,831,841			
PINEVILLE UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2019						
NET SALVAGE PERCENT.. 0						
1977	50,117.00	47,758	50,117			
1978	41,148.89	39,166	41,149			
	91,265.89	86,924	91,266			
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2020						
NET SALVAGE PERCENT.. 0						
1993	9,299,115.00	8,284,675	9,298,845	270	3.00	90
	9,299,115.00	8,284,675	9,298,845	270		90

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BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2020						
NET SALVAGE PERCENT.. 0						
1993	3,909,061.67	3,482,622	2,991,413	917,649	3.00	305,883
	3,909,061.67	3,482,622	2,991,413	917,649		305,883
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2020						
NET SALVAGE PERCENT.. 0						
2008	19,802,080.26	15,049,581	5,142,558	14,659,522	3.00	4,886,507
	19,802,080.26	15,049,581	5,142,558	14,659,522		4,886,507
GHENT UNIT 1 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2020						
NET SALVAGE PERCENT.. 0						
1997	39,480.55	34,440	39,209	272	3.00	91
	39,480.55	34,440	39,209	272		91
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2022						
NET SALVAGE PERCENT.. 0						
1974	1,777,792.39	1,594,520	1,766,490	11,303	5.00	2,261
1987	322,828.55	277,358	307,271	15,557	5.00	3,111
	2,100,620.94	1,871,878	2,073,761	26,860		5,372

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2021						
NET SALVAGE PERCENT.. 0						
1994	16,544,368.68	14,137,990	7,607,181	8,937,188	4.00	2,234,297
2004	16,148,295.19	12,457,279	6,702,846	9,445,449	4.00	2,361,362
	32,692,663.87	26,595,269	14,310,027	18,382,637		4,595,659
GHENT UNIT 2 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 100-S4						
PROBABLE RETIREMENT YEAR.. 12-2020						
NET SALVAGE PERCENT.. 0						
1994	1,901,133.18	1,685,906	1,901,133			
	1,901,133.18	1,685,906	1,901,133			
	81,346,762.93	65,260,197	43,273,662	38,073,102		10,474,584
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						3.6 12.88

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Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRIMBLE COUNTY UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2066						
NET SALVAGE PERCENT.. -13						
1990	10,495,573.59	4,820,496	6,572,140	5,287,858	34.07	155,206
2008	10,044,788.71	1,960,024	2,672,246	8,678,365	41.30	210,130
2011	63,452,777.33	8,865,908	12,087,550	59,614,088	42.17	1,413,661
2012	35,891.34	4,312	5,879	34,678	42.45	817
2014	2,395,609.34	189,303	258,091	2,448,948	42.96	57,005
2015	581,903.51	33,515	45,693	611,857	43.20	14,163
2016	2,364,803.69	82,866	112,977	2,559,251	43.44	58,915
2017	614,976.53	7,401	10,090	684,833	43.66	15,686
	89,986,324.04	15,963,825	21,764,667	79,919,879		1,925,583

BROWN UNIT 1  
INTERIM SURVIVOR CURVE.. IOWA 60-R2  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1956	3,209,637.23	3,328,217	3,402,215
1959	14,882.13	15,418	15,775
1968	5,774.91	5,966	6,121
1985	11,462.31	11,709	12,150
1996	32,671.87	32,810	34,632
1997	17,942.90	17,974	19,019
2001	103,385.99	102,250	109,589
2004	163,261.40	159,155	173,057
2009	467,034.49	435,110	495,057
2010	0.03		0
2012	1,851,245.33	1,616,029	1,962,320
2013	77,712.20	65,286	82,375
2014	262,052.93	207,885	277,776

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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
2015	5,133,151.02	3,701,771	5,120,672	320,468	1.17	273,904
2016	10,064.58	5,976	8,267	2,402	1.17	2,053
2017	20,639.88	6,458	8,933	12,945	1.17	11,064
	11,380,919.20	9,712,014	11,727,960	335,814		287,021
BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
1963	4,017,807.85	4,157,984	4,258,876			
1965	26,462.00	27,368	28,050			
1985	8,768.76	8,957	9,295			
1990	23,666.17	24,030	25,086			
1994	1,497,407.00	1,510,206	1,587,251			
1995	574,163.49	577,891	608,613			
1996	32,822.53	32,961	34,792			
1997	33,091.00	33,149	35,076			
2002	1,508,264.00	1,485,472	1,598,760			
2003	362,121.20	354,952	383,848			
2004	1,221,923.10	1,191,192	1,295,238			
2005	146,394.62	141,825	155,178			
2006	632,295.16	608,082	670,233			
2007	2,547.40	2,429	2,700			
2009	927,175.48	863,798	982,806			
2010	840,714.12	769,915	891,157			
2011	13,859.99	12,433	14,529	163	1.17	139
2012	364,931.03	318,564	372,266	14,561	1.17	12,445
2013	35,612.96	29,919	34,963	2,787	1.17	2,382



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## KENTUCKY UTILITIES COMPANY

## ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
2014	1,106,284.24	877,608	1,025,550	147,111	1.17	125,736
2015	275,708.32	198,827	232,344	59,907	1.17	51,203
2017	51,040.14	15,970	18,662	35,440	1.17	30,291
	13,703,060.56	13,243,532	14,265,275	259,969		222,196
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1971	6,622,731.15	5,098,695	2,236,353	4,783,742	14.52	329,459
1973	2,376.00	1,805	792	1,727	14.76	117
1984	13,467.21	9,317	4,087	10,189	15.81	644
1993	6,448.62	3,956	1,735	5,100	16.38	311
1994	191,259.00	115,263	50,556	152,179	16.43	9,262
1995	421,519.00	249,293	109,343	337,467	16.48	20,477
1997	10,429,790.49	5,915,508	2,594,618	8,460,960	16.57	510,619
1998	297,088.00	164,605	72,198	242,715	16.61	14,613
1999	68,653.00	37,093	16,269	56,503	16.65	3,394
2003	61,008.77	29,060	12,746	51,923	16.80	3,091
2004	72,895.42	33,379	14,640	62,629	16.83	3,721
2005	4,204,448.97	1,840,668	807,341	3,649,375	16.87	216,323
2006	562,067.65	234,253	102,746	493,045	16.90	29,174
2008	781,074.49	289,017	126,767	701,172	16.95	41,367
2009	810,823.83	278,736	122,257	737,216	16.98	43,417
2011	407,184.46	116,010	50,883	380,732	17.03	22,357
2012	16,784,850.43	4,225,230	1,853,240	15,938,701	17.05	934,821
2013	60,585.16	13,012	5,707	58,513	17.08	3,426

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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
2014	1,314,686.65	229,994	100,878	1,292,690	17.10	75,596
2015	1,346,993.07	176,835	77,562	1,350,251	17.12	78,870
2017	1,337,298.12	38,571	16,918	1,400,618	17.16	81,621
	45,797,249.49	19,100,300	8,377,637	40,167,447		2,422,680
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1974	13,697,463.09	10,679,698	11,629,895	3,163,366	14.19	222,929
1975	38,921.00	30,136	32,817	9,217	14.29	645
1976	156.00	120	131	38	14.38	3
1979	21,978.00	16,510	17,979	5,757	14.65	393
1980	3,163.50	2,357	2,567	850	14.73	58
1985	156,856.25	111,516	121,438	47,967	15.08	3,181
1989	252,974.07	171,621	186,891	86,321	15.32	5,635
1992	58,228.11	37,865	41,234	21,652	15.47	1,400
1994	1,803,234.05	1,134,648	1,235,600	711,893	15.56	45,751
1995	13,200.94	8,157	8,883	5,374	15.60	344
1996	32,637.46	19,771	21,530	13,718	15.65	877
2001	424,030.20	227,007	247,204	210,748	15.83	13,313
2002	162,462.00	84,250	91,746	83,713	15.86	5,278
2003	1,089,602.19	545,692	594,243	582,527	15.89	36,660
2004	1,385,035.03	667,248	726,615	769,223	15.92	48,318
2006	1,501,464.76	660,665	719,446	902,136	15.97	56,489
2008	11,574,683.26	4,531,614	4,934,802	7,565,856	16.02	472,276
2009	426,823.12	155,370	169,194	291,775	16.05	18,179
2011	3,073,590.83	930,815	1,013,632	2,305,846	16.09	143,309
2012	58,830.81	15,751	17,152	46,385	16.11	2,879
2013	355,249.66	81,491	88,741	294,928	16.13	18,284

Attachment to Response to US DOD-1 Question No. 24

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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
2014	23,384.79	4,382	4,772	20,484	16.15	1,268
2015	2,428,504.79	341,434	371,812	2,250,973	16.17	139,207
2016	787,747.30	70,418	76,683	774,084	16.18	47,842
2017	957,520.21	30,362	33,063	1,001,058	16.20	61,794
	40,327,741.42	20,558,898	22,388,069	21,165,892		1,346,312
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1977	17,316,453.74	13,217,102	14,172,164	4,529,606	14.47	313,034
1978	4,313,274.00	3,266,751	3,502,805	1,155,531	14.56	79,363
1979	20,087.00	15,089	16,179	5,515	14.65	376
1980	2,264.00	1,687	1,809	636	14.73	43
1981	899.00	664	712	259	14.80	18
1985	128,384.83	91,274	97,869	40,786	15.08	2,705
1993	11,440.84	7,320	7,849	4,507	15.52	290
1996	2,506,918.63	1,518,594	1,628,327	1,079,145	15.65	68,955
1997	29,881.11	17,731	19,012	13,259	15.68	846
1998	64,136.87	37,204	39,892	29,375	15.72	1,869
1999	678,802.78	384,155	411,914	321,193	15.76	20,380
2002	137,999.16	71,564	76,735	72,304	15.86	4,559
2004	951,927.36	458,596	491,734	536,348	15.92	33,690
2005	458,645.99	211,653	226,947	268,391	15.95	16,827
2006	172,946.00	76,099	81,598	105,184	15.97	6,586
2009	2,195,130.77	799,058	856,798	1,513,944	16.05	94,327
2011	241,196.39	73,045	78,323	182,169	16.09	11,322
2012	902,565.37	241,646	259,107	715,663	16.11	44,424
2013	1,341,650.30	307,764	330,003	1,118,979	16.13	69,373
2014	115,704.20	21,679	23,246	101,715	16.15	6,298

## Attachment to Response to US DOD-1 Question No. 24

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## KENTUCKY UTILITIES COMPANY

## ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
2015	249,264.64	35,045	37,577	231,628	16.17	14,325
2016	348,992.43	31,197	33,451	343,461	16.18	21,228
2017	868,410.34	27,536	29,526	908,357	16.20	56,071
	33,056,975.75	20,912,453	22,423,578	13,277,956		866,909
GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
1981	23,715,442.13	16,658,229	19,422,957	6,189,720	17.04	363,246
1982	480,015.00	333,653	389,029	129,388	17.15	7,544
1983	29,912.17	20,573	23,987	8,318	17.25	482
1984	7,192,035.00	4,890,897	5,702,628	2,064,770	17.35	119,007
1985	156,856.24	105,443	122,943	46,462	17.44	2,664
1987	44,239.03	28,999	33,812	13,966	17.62	793
1995	2,196,292.70	1,262,258	1,471,752	900,244	18.19	49,491
1996	2,264.00	1,273	1,484	961	18.25	53
1999	60,118.00	31,389	36,599	28,329	18.41	1,539
2003	555,078.69	253,738	295,850	303,635	18.60	16,324
2004	943,602.66	413,934	482,634	536,457	18.64	28,780
2005	619,008.50	259,216	302,237	366,292	18.68	19,609
2006	365,407.85	145,311	169,428	225,213	18.72	12,031
2007	1,228,187.47	460,607	537,053	789,390	18.76	42,078
2009	1,824,052.27	593,554	692,065	1,277,912	18.83	67,866
2011	1,402,218.14	376,040	438,451	1,075,945	18.89	56,958
2012	1,314,528.73	310,202	361,686	1,058,006	18.92	55,920
2013	530,602.17	106,788	124,511	448,539	18.95	23,670

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## KENTUCKY UTILITIES COMPANY

## ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
2014	152,425.65	24,884	29,014	135,606	18.98	7,145
2016	457,129.60	34,954	40,755	452,945	19.03	23,802
2017	589,956.17	15,648	18,245	618,908	19.06	32,472
	43,859,372.17	26,327,590	30,697,120	16,671,002		931,474
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
1984	41,011,924.40	27,424,379	28,940,984	15,351,894	18.09	848,640
1985	236,810.00	156,402	165,051	90,704	18.20	4,984
1986	51,406.00	33,523	35,377	20,142	18.30	1,101
1987	65,193.00	41,963	44,284	26,125	18.39	1,421
1989	118,897.45	74,375	78,488	49,921	18.57	2,688
1991	21,490.58	13,021	13,741	9,469	18.74	505
1993	194,113.31	113,521	119,799	89,844	18.89	4,756
1994	321,113.00	184,207	194,394	152,408	18.96	8,038
1996	33,858.00	18,603	19,632	16,935	19.10	887
2000	676.00	334	352	378	19.34	20
2003	3,702,461.38	1,644,888	1,735,853	2,262,806	19.49	116,101
2004	106,038.93	45,134	47,630	66,892	19.54	3,423
2005	951,102.73	386,460	407,832	619,359	19.58	31,632
2006	1,053,339.88	405,671	428,105	709,502	19.63	36,144
2007	391,047.02	141,966	149,817	272,514	19.67	13,854
2008	399,683.45	135,627	143,127	288,531	19.71	14,639
2009	1,462,218.47	459,293	484,693	1,094,503	19.75	55,418
2011	9,957.80	2,569	2,711	8,043	19.82	406
2012	3,951,908.24	896,762	946,354	3,321,707	19.85	167,340
2013	766,472.18	148,050	156,237	671,553	19.88	33,780
2014	2,164,941.54	338,328	357,038	1,981,099	19.92	99,453

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KENTUCKY UTILITIES COMPANY

ACCOUNT 314 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 60-R2						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2015	25,437.69	2,973	3,137	24,335	19.94	1,220
2016	146,534.85	10,712	11,304	146,953	19.97	7,359
2017	2,044,910.82	51,767	54,630	2,153,874	20.00	107,694
	59,231,536.72	32,730,528	34,540,570	29,429,490		1,561,503
	337,343,179.35	158,549,140	166,184,876	201,227,449		9,563,678
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						21.0 2.83

Attachment to Response to US DOD-1 Question No. 24

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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRIMBLE COUNTY UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2066						
NET SALVAGE PERCENT.. -13						
1990	9,229,511.61	4,221,487	4,594,015	5,835,334	39.94	146,103
2008	28,344.56	5,425	5,904	26,126	46.49	562
2011	34,193,435.89	4,695,361	5,109,706	33,528,877	46.99	713,532
2012	1,088,194.59	128,266	139,585	1,090,075	47.14	23,124
2013	159,449.60	15,630	17,009	163,169	47.27	3,452
2014	447,854.18	34,808	37,880	468,196	47.39	9,880
2015	228,635.93	12,918	14,058	244,301	47.50	5,143
2016	190,160.29	6,565	7,144	207,737	47.60	4,364
2017	53,968.16	632	688	60,296	47.70	1,264
	45,619,554.81	9,121,092	9,925,988	41,624,109		907,424

TRIMBLE COUNTY UNIT 2 SCRUBBER  
INTERIM SURVIVOR CURVE.. IOWA 70-R4  
PROBABLE RETIREMENT YEAR.. 6-2066  
NET SALVAGE PERCENT.. -13

1990	1,415,469.10	647,422	793,978	805,502	39.94	20,168
	1,415,469.10	647,422	793,978	805,502		20,168

BROWN UNIT 1  
INTERIM SURVIVOR CURVE.. IOWA 70-R4  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1956	965,068.08	1,003,219	1,022,972			
1958	96,451.16	100,214	102,238			
1963	780.00	809	827			
1965	63,901.00	66,234	67,735			
1968	2,135.00	2,210	2,263			
1979	58,759.52	60,451	62,285			

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KENTUCKY UTILITIES COMPANY

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
1989	1,850.00	1,883	1,961			
1992	1,344.04	1,362	1,425			
1995	1,428,056.08	1,438,824	1,513,739			
2001	68,330.19	67,632	72,430			
2006	767,016.47	737,897	813,037			
2009	166,049.72	154,717	176,013			
2010	19,084.61	17,500	20,230			
2011	53,830.80	48,357	57,061			
2014	79,740.42	63,348	84,525			
2015	433,058.83	312,700	447,066	11,977	1.17	10,237
2016	48,892.14	29,116	41,627	10,199	1.17	8,717
2017	66,975.99	21,256	30,390	40,605	1.17	34,705
	4,321,324.05	4,127,729	4,517,823	62,780		53,659

BROWN UNIT 2  
INTERIM SURVIVOR CURVE.. IOWA 70-R4  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1948	384.00	400	407			
1963	817,849.45	848,316	866,920			
1965	1,103.00	1,143	1,169			
1966	397.00	411	421			
1970	793.56	821	841			
1984	38,251.57	39,173	40,547			
1994	185,597.00	187,392	196,733			
1995	12,605.00	12,700	13,361			
1997	36,014.00	36,112	38,175			
1998	10,424.35	10,424	11,050			
2005	30,977.05	30,023	32,836			
2010	105,240.55	96,501	111,555			



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ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
2011	34,981.18	31,424	36,519	561	1.17	479
2012	1,109,729.78	969,976	1,127,258	49,055	1.17	41,927
2014	20,568.37	16,340	18,990	2,813	1.17	2,404
2016	11,513.95	6,857	7,969	4,236	1.17	3,621
	2,416,429.81	2,288,013	2,504,751	56,665		48,431
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1972	4,207,199.70	3,277,071	3,726,557	733,074	15.86	46,222
1973	69,444.66	53,701	61,067	12,545	15.98	785
1974	17,025.00	13,072	14,865	3,182	16.08	198
1984	4,045.00	2,839	3,228	1,059	16.89	63
1985	798.00	554	630	216	16.94	13
1988	8,408.74	5,629	6,401	2,512	17.08	147
1989	8,164.40	5,393	6,133	2,522	17.12	147
1990	9,591.76	6,246	7,103	3,065	17.16	179
1991	5,344.58	3,428	3,898	1,767	17.20	103
1997	778,846.00	446,538	507,786	317,791	17.35	18,316
2003	45,349.90	21,814	24,806	23,265	17.43	1,335
2004	18,213.04	8,417	9,571	9,734	17.44	558
2005	6,057.20	2,677	3,044	3,376	17.45	193
2007	1,652,556.67	657,434	747,608	1,004,102	17.46	57,509
2010	208,220.77	66,294	75,387	145,327	17.47	8,319
2011	163,301.43	46,868	53,296	119,803	17.48	6,854
2012	1,510,611.21	383,243	435,809	1,165,439	17.48	66,673
2013	14,410.13	3,127	3,556	11,719	17.48	670

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
2014	100,296.43	17,728	20,160	86,155	17.49	4,926
2015	131,881.19	17,483	19,881	119,913	17.49	6,856
2016	6,475,762.92	542,212	616,582	6,247,726	17.49	357,217
	15,435,528.73	5,581,768	6,347,369	10,014,291		577,283
BROWN UNITS 1, 2 AND 3 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
2013	29,308,888.08	6,360,433	6,736,338	24,331,083	17.48	1,391,938
2017	15,569.02	459	486	16,017	17.49	916
	29,324,457.10	6,360,892	6,736,824	24,347,101		1,392,854
GHENT UNIT 1 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1997	2,978,785.13	1,786,771	2,416,350	800,738	16.37	48,915
2011	5,833.85	1,782	2,410	3,891	16.48	236
2012	9,121,453.85	2,465,058	3,333,636	6,517,535	16.48	395,481
2016	117,306.68	10,564	14,286	112,405	16.49	6,817
	12,223,379.51	4,264,175	5,766,682	7,434,568		451,449

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1974	6,348,415.72	5,037,384	6,126,347	729,942	15.27	47,802
1978	869,693.72	669,398	814,106	125,163	15.61	8,018
1994	911,155.00	579,830	705,176	278,872	16.32	17,088
1995	70.00	44	54	22	16.34	1
1996	15,852.00	9,713	11,813	5,307	16.35	325
2000	14,398.00	8,018	9,751	5,799	16.41	353
2004	33,927.95	16,503	20,071	16,572	16.45	1,007
2005	160,601.93	74,799	90,969	82,481	16.46	5,011
2007	53,989.17	22,687	27,591	30,717	16.47	1,865
2009	84,877.13	31,168	37,906	53,762	16.48	3,262
2011	268,831.65	82,122	99,875	190,463	16.48	11,557
2012	178,069.98	48,123	58,526	133,790	16.48	8,118
2013	43,107.20	9,981	12,139	34,417	16.49	2,087
2014	33,762.45	6,384	7,764	28,699	16.49	1,740
2015	3,068,772.44	436,324	530,647	2,783,627	16.49	168,807
2016	127,767.94	11,506	13,993	123,996	16.49	7,519
2017	123,589.14	3,928	4,777	128,699	16.49	7,805
	12,336,881.42	7,047,912	8,571,504	4,752,328		292,365

GHENT UNIT 2  
INTERIM SURVIVOR CURVE.. IOWA 70-R4  
PROBABLE RETIREMENT YEAR.. 6-2034  
NET SALVAGE PERCENT.. -8

1977	9,794,204.35	7,599,684	8,911,497	1,666,243	15.53	107,292
1984	2,100,053.81	1,530,372	1,794,536	473,522	15.97	29,651
1989	42,801.92	29,415	34,492	11,734	16.18	725
1996	44,978.99	27,560	32,317	16,260	16.35	994
1997	152,868.92	91,696	107,524	57,574	16.37	3,517
2007	95,312.10	40,052	46,966	55,972	16.47	3,398
2009	292,925.23	107,565	126,132	190,227	16.48	11,543

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KENTUCKY UTILITIES COMPANY

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
2010	60,449.95	20,400	23,921	41,365	16.48	2,510
2011	1,111,858.00	339,648	398,276	802,531	16.48	48,697
2012	34,908.72	9,434	11,062	26,639	16.48	1,616
2013	66,340.84	15,361	18,013	53,636	16.49	3,253
2014	81,708.97	15,451	18,118	70,128	16.49	4,253
2015	335,328.94	47,678	55,908	306,247	16.49	18,572
	14,213,740.74	9,874,316	11,578,763	3,772,077		236,021
GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
1976	639,635.42	478,694	560,026	130,780	17.91	7,302
1981	25,047,721.92	17,875,116	20,912,172	6,139,368	18.43	333,118
1982	687,842.97	485,666	568,183	174,688	18.52	9,432
1984	95,821.00	66,138	77,375	26,112	18.68	1,398
1987	68,793.51	45,728	53,497	20,800	18.88	1,102
1988	18,279.36	11,984	14,020	5,722	18.94	302
2000	4,283,840.81	2,195,158	2,568,124	2,058,424	19.35	106,379
2007	51,757.15	19,591	22,920	32,978	19.44	1,696
2012	72,766.46	17,310	20,251	58,337	19.47	2,996
2013	10,609.78	2,146	2,511	8,948	19.48	459
2014	2,536,658.89	417,267	488,162	2,251,429	19.48	115,576
2015	32,239.52	3,960	4,633	30,186	19.48	1,550
2016	18,243.03	1,408	1,647	18,055	19.49	926
	33,564,209.82	21,620,166	25,293,521	10,955,826		582,236

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
1984	21,499,657.05	14,590,054	13,868,375	9,351,255	19.56	478,081
1985	48,287.00	32,362	30,761	21,389	19.64	1,089
1988	20,564.21	13,231	12,577	9,633	19.85	485
1991	5,683.09	3,487	3,315	2,823	20.02	141
1993	155,202.00	91,853	87,310	80,309	20.11	3,993
1994	24,278.82	14,089	13,392	12,829	20.15	637
2000	2,476,120.09	1,235,565	1,174,449	1,499,760	20.33	73,771
2003	42,697.44	19,155	18,208	27,906	20.38	1,369
2011	27,699.80	7,213	6,856	23,060	20.46	1,127
2013	13,232.05	2,575	2,448	11,843	20.47	579
2014	23,100,966.21	3,632,581	3,452,900	21,496,144	20.48	1,049,616
2015	212,920.54	25,017	23,780	206,175	20.48	10,067
2016	230,240.27	16,969	16,130	232,530	20.48	11,354
2017	4,327,248.64	111,321	105,815	4,567,614	20.49	222,919
	52,184,797.21	19,795,472	18,816,313	37,543,268		1,855,228

GHENT UNIT 2 SCRUBBER  
INTERIM SURVIVOR CURVE.. IOWA 70-R4  
PROBABLE RETIREMENT YEAR.. 6-2034  
NET SALVAGE PERCENT.. -8

2011	5,833.85	1,782	1,863	4,438	16.48	269
2012	890,617.40	240,688	251,596	710,271	16.48	43,099
2013	54,747.62	12,676	13,250	45,877	16.49	2,782
	951,198.87	255,146	266,709	760,586		46,150

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
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YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT 3 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
2007	11,277,366.96	4,268,691	4,228,585	7,950,972	19.44	409,001
2011	764,631.32	206,450	204,510	621,292	19.47	31,910
	12,041,998.28	4,475,141	4,433,095	8,572,263		440,911
GHENT 4 SCRUBBER						
INTERIM SURVIVOR CURVE.. IOWA 70-R4						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2011	5,833.83	1,519	1,528	4,773	20.46	233
2012	15,142,207.72	3,458,456	3,478,820	12,874,764	20.47	628,958
	15,148,041.55	3,459,975	3,480,348	12,879,537		629,191
	251,197,011.00	98,919,219	109,033,668	163,580,901		7,533,370
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						21.7 3.00

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CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRIMBLE COUNTY UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2066						
NET SALVAGE PERCENT.. -13						
2000	41,467.41	12,325	15,767	31,091	41.89	742
2002	26,900.64	7,289	9,325	21,073	42.23	499
2011	4,522,589.85	594,354	760,346	4,350,181	43.54	99,912
2012	203,432.33	23,020	29,449	200,429	43.67	4,590
2013	838,229.79	79,101	101,192	846,007	43.79	19,320
2014	831,413.70	62,138	79,492	860,006	43.91	19,586
2015	130,793.56	7,125	9,115	138,682	44.03	3,150
2016	125,813.18	4,188	5,358	136,811	44.14	3,099
2017	282,062.33	3,210	4,106	314,624	44.25	7,110
	7,002,702.79	792,750	1,014,150	6,898,904		158,008

SYSTEM LABORATORY

INTERIM SURVIVOR CURVE.. IOWA 75-R1.5

PROBABLE RETIREMENT YEAR.. 6-2040

NET SALVAGE PERCENT.. 0

1983	229.68	136	126	103	20.68	5
1984	10,283.72	6,021	5,597	4,686	20.73	226
1986	48,397.00	27,624	25,680	22,717	20.83	1,091
1987	100,806.00	56,754	52,760	48,046	20.88	2,301
1989	3,576.00	1,955	1,817	1,759	20.97	84
1990	22,201.79	11,945	11,104	11,098	21.01	528
1991	72,843.39	38,540	35,827	37,016	21.05	1,758
1994	4,476.87	2,237	2,080	2,397	21.17	113
1995	3,198.74	1,565	1,455	1,744	21.20	82
1996	5,552.69	2,654	2,467	3,085	21.24	145
1997	47,150.16	21,996	20,448	26,702	21.27	1,255
1998	67,015.37	30,435	28,293	38,722	21.31	1,817
1999	62,975.53	27,795	25,839	37,137	21.34	1,740
2000	730.00	312	290	440	21.37	21
2002	276,203.04	110,296	102,533	173,670	21.42	8,108

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RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SYSTEM LABORATORY						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. 0						
2003	632,334.03	242,576	225,503	406,831	21.45	18,966
2004	199,225.39	73,140	67,992	131,233	21.48	6,110
2005	131,911.92	46,111	42,866	89,046	21.51	4,140
2006	31,404.52	10,400	9,668	21,736	21.53	1,010
2007	89,149.53	27,761	25,807	63,342	21.56	2,938
2009	226,404.22	60,855	56,572	169,832	21.60	7,863
2010	90,044.40	22,039	20,488	69,557	21.63	3,216
2011	250,794.23	55,059	51,184	199,610	21.65	9,220
2012	175,216.25	33,750	31,375	143,842	21.67	6,638
2013	161,221.62	26,363	24,508	136,714	21.69	6,303
2014	325,883.54	43,000	39,974	285,910	21.71	13,170
2015	38,318.47	3,768	3,503	34,816	21.73	1,602
2016	152,643.59	9,356	8,697	143,946	21.75	6,618
2017	458,721.29	9,895	9,199	449,523	21.77	20,649
	3,688,912.98	1,004,338	933,650	2,755,263		127,717

BROWN UNIT 1  
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5  
PROBABLE RETIREMENT YEAR.. 2-2019  
NET SALVAGE PERCENT.. -6

1954	7,308.72	7,587	7,747
1955	921.00	956	976
1956	96,637.48	100,262	102,436
1971	671.82	693	712
1988	1,387.17	1,412	1,470
1990	18,405.00	18,685	19,509
1992	7,705.00	7,797	8,167
1994	9,227.37	9,304	9,781
1995	1,940.96	1,953	2,057
1996	2,858.88	2,870	3,030



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RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
2001	64,870.51	64,136	68,763			
2003	118,172.07	115,790	125,262			
2005	13,393.06	12,969	14,197			
2007	497.91	474	528			
2011	8,037.82	7,218	8,073	447	1.16	385
2014	37,649.44	29,931	33,475	6,433	1.16	5,546
	389,684.21	382,037	406,185	6,880		5,931

BROWN UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 2-2019						
NET SALVAGE PERCENT.. -6						
1963	59,546.28	61,648	63,119			
1965	541.89	561	574			
1968	520.36	538	552			
1969	4,400.82	4,545	4,665			
1970	555.08	573	588			
1995	3,998.73	4,024	4,239			
1996	2,858.69	2,870	3,030			
1998	5,685.52	5,678	6,027			
2000	3,709.49	3,681	3,932			
2007	21,010.50	20,023	22,271			
2012	20,279.74	17,724	21,417	80	1.16	69
	123,107.10	121,865	130,414	80		69

Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
1969	55,586.77	42,450	46,375	12,547	15.89	790
1970	2,634.00	2,000	2,185	607	15.94	38
1971	373,932.83	282,274	308,376	87,993	15.99	5,503
1972	6,479.06	4,862	5,312	1,556	16.03	97
1973	960.00	716	782	235	16.08	15
1974	3,179.00	2,355	2,573	797	16.12	49
1976	2,020.00	1,476	1,612	529	16.20	33
1977	39,153.91	28,403	31,029	10,474	16.24	645
1978	1,537.00	1,106	1,208	421	16.28	26
1980	769.95	545	595	221	16.35	14
1981	7,296.00	5,123	5,597	2,137	16.38	130
1982	1.31	1	1			
1983	52,115.16	35,916	39,237	16,005	16.45	973
1984	7,364.85	5,026	5,491	2,316	16.48	141
1985	14,815.00	10,003	10,928	4,776	16.51	289
1986	146,238.43	97,689	106,722	48,290	16.53	2,921
1987	219,381.67	144,843	158,237	74,308	16.56	4,487
1988	129,942.03	84,745	92,581	45,157	16.59	2,722
1989	210,175.64	135,345	147,860	74,926	16.61	4,511
1990	326,556.15	207,389	226,566	119,583	16.64	7,186
1991	378,859.70	237,164	259,095	142,497	16.66	8,553
1992	143,407.00	88,416	96,592	55,420	16.68	3,323
1993	213,117.96	129,213	141,161	84,744	16.71	5,071
1994	243,236.46	144,911	158,311	99,520	16.73	5,949
1995	378,604.30	221,392	241,864	159,456	16.75	9,520
1996	132,026.00	75,665	82,662	57,286	16.77	3,416
1997	113,295.86	63,549	69,425	50,668	16.79	3,018
1998	16,759.09	9,183	10,032	7,732	16.81	460
1999	78,147.46	41,784	45,648	37,189	16.82	2,211
2000	12,638.00	6,575	7,183	6,213	16.84	369
2001	61,005.75	30,796	33,644	31,022	16.86	1,840
2003	211,552.31	99,780	109,007	115,239	16.89	6,823

Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BROWN UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2035						
NET SALVAGE PERCENT.. -6						
2004	87,825.06	39,804	43,485	49,610	16.91	2,934
2005	126,190.46	54,738	59,800	73,962	16.92	4,371
2006	93,259.29	38,487	42,046	56,809	16.94	3,354
2007	109,967.17	42,952	46,924	69,641	16.95	4,109
2008	76,267.72	27,936	30,519	50,325	16.97	2,966
2009	25,225.68	8,585	9,379	17,360	16.98	1,022
2010	510,629.45	159,685	174,451	366,816	16.99	21,590
2011	184,777.66	52,072	56,887	138,977	17.01	8,170
2012	256,120.18	63,816	69,717	201,770	17.02	11,855
2013	319,773.21	68,205	74,512	264,448	17.03	15,528
2014	312,463.22	54,282	59,301	271,910	17.04	15,957
2015	417,186.02	54,340	59,365	382,852	17.06	22,442
2016	191,888.31	15,723	17,177	186,225	17.07	10,909
2017	189,493.25	5,490	5,998	194,865	17.08	11,409
	6,483,855.33	2,926,810	3,197,454	3,675,433		217,739

GHENT UNIT 1 SCRUBBER

INTERIM SURVIVOR CURVE.. IOWA 75-R1.5

PROBABLE RETIREMENT YEAR.. 6-2034

NET SALVAGE PERCENT.. -8

1997	911,941.17	535,754	875,267	109,629	15.87	6,908
2000	2,454.00	1,340	2,189	461	15.92	29
2011	47,617.08	14,307	23,374	28,053	16.06	1,747
	962,012.25	551,401	900,830	138,143		8,684

Attachment to Response to US DOD-1 Question No. 24

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KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1974	1,024,130.37	786,277	1,059,220	46,840	15.28	3,065
1975	72,980.65	55,669	74,994	3,826	15.32	250
1976	12,253.24	9,285	12,508	725	15.35	47
1978	6,426.72	4,801	6,468	473	15.42	31
1983	4,043.88	2,897	3,903	465	15.57	30
1988	74,936.00	50,907	68,579	12,352	15.70	787
1989	2,178.22	1,462	1,970	383	15.72	24
1990	137,000.67	90,725	122,219	25,742	15.74	1,635
1994	52,592.00	32,748	44,116	12,683	15.82	802
1995	11,112.00	6,794	9,152	2,849	15.84	180
1996	153,652.05	92,185	124,186	41,759	15.85	2,635
1997	18,479.01	10,856	14,624	5,333	15.87	336
1998	2,709.00	1,556	2,096	830	15.89	52
1999	79,194.16	44,407	59,822	25,708	15.90	1,617
2000	2,880.81	1,573	2,119	992	15.92	62
2004	42,569.91	20,323	27,378	18,598	15.98	1,164
2006	30,770.07	13,421	18,080	15,152	16.00	947
2007	7,433.84	3,068	4,133	3,896	16.02	243
2013	68,502.65	15,573	20,979	53,004	16.09	3,294
2015	42,125.60	5,878	7,918	37,577	16.11	2,333
	1,845,970.85	1,250,405	1,684,463	309,186		19,534

GHENT UNIT 2  
 INTERIM SURVIVOR CURVE.. IOWA 75-R1.5  
 PROBABLE RETIREMENT YEAR.. 6-2034  
 NET SALVAGE PERCENT.. -8

1976	97,461.37	73,854	97,113	8,145	15.35	531
1977	661,648.39	497,798	654,571	60,010	15.39	3,899
1978	591,177.00	441,605	580,681	57,790	15.42	3,748
1985	6,645.13	4,669	6,139	1,037	15.62	66

Attachment to Response to US DOD-1 Question No. 24

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KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2034						
NET SALVAGE PERCENT.. -8						
1989	51,128.40	34,307	45,111	10,107	15.72	643
1990	7,692.02	5,094	6,698	1,609	15.74	102
1991	6,857.97	4,479	5,890	1,517	15.76	96
1992	50,988.28	32,809	43,142	11,926	15.78	756
2006	15,073.78	6,575	8,646	7,634	16.00	477
2007	7,433.84	3,068	4,034	3,994	16.02	249
2013	17,365.58	3,948	5,191	13,563	16.09	843
2014	9,654.84	1,796	2,362	8,066	16.10	501
2017	30,383.39	948	1,247	31,568	16.13	1,957
	1,553,509.99	1,110,950	1,460,824	216,967		13,868

GHENT UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2037						
NET SALVAGE PERCENT.. -8						
1981	2,113,307.83	1,456,770	1,776,456	505,916	18.09	27,967
1982	219,540.39	149,857	182,743	54,361	18.13	2,998
1983	7,536.34	5,092	6,209	1,930	18.17	106
1984	599,875.00	400,951	488,939	158,926	18.21	8,727
1987	14,126.58	9,115	11,115	4,141	18.31	226
1988	8,279.00	5,271	6,428	2,514	18.35	137
1993	31,841.79	18,754	22,870	11,520	18.50	623
1994	1,429.72	826	1,007	537	18.53	29
2004	70,857.65	30,699	37,436	39,090	18.75	2,085
2007	56,110.00	20,799	25,363	35,235	18.81	1,873
2013	8,682.80	1,724	2,102	7,275	18.91	385
2014	824,923.38	133,335	162,595	728,322	18.92	38,495
2016	70,989.53	5,380	6,561	70,108	18.95	3,700
	4,027,500.01	2,238,573	2,729,825	1,619,875		87,351

Attachment to Response to US DOD-1 Question No. 24

Spanos

KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
1984	1,551,008.56	1,017,198	995,081	680,008	19.06	35,677
1985	75,061.39	48,660	47,602	33,464	19.10	1,752
1986	68,833.86	44,079	43,121	31,220	19.14	1,631
1987	194,430.24	122,923	120,250	89,734	19.18	4,679
1988	240,695.56	150,096	146,832	113,119	19.22	5,885
1989	281,911.30	173,347	169,578	134,886	19.25	7,007
1990	241,531.51	146,258	143,078	117,776	19.29	6,106
1991	236,117.05	140,751	137,691	117,316	19.32	6,072
1992	186,806.00	109,504	107,123	94,627	19.35	4,890
1993	119,556.00	68,837	67,340	61,780	19.38	3,188
1994	89,879.11	50,765	49,661	47,408	19.41	2,442
1995	403,518.00	223,312	218,456	217,343	19.44	11,180
1996	153,670.60	83,195	81,386	84,578	19.47	4,344
1997	261,371.59	138,185	135,180	147,101	19.50	7,544
1998	36,015.00	18,574	18,170	20,726	19.52	1,062
1999	626,250.00	314,185	307,354	368,996	19.55	18,874
2000	69,931.00	34,078	33,337	42,188	19.57	2,156
2003	274,884.03	120,564	117,943	178,932	19.64	9,111
2004	259,074.19	108,825	106,459	173,341	19.67	8,812
2005	117,203.33	46,977	45,956	80,624	19.69	4,095
2006	15,073.78	5,735	5,610	10,669	19.71	541
2007	167,940.61	60,233	58,923	122,453	19.73	6,206
2008	38,302.23	12,841	12,562	28,805	19.75	1,458
2009	38,451.83	11,931	11,672	29,856	19.77	1,510
2010	820,549.05	232,776	227,715	658,478	19.79	33,273
2011	521,855.44	133,022	130,130	433,474	19.81	21,882
2012	694,925.41	155,748	152,362	598,158	19.82	30,180
2013	65,548.30	12,513	12,241	58,551	19.84	2,951
2014	109,379.77	16,876	16,509	101,621	19.86	5,117

Attachment to Response to US DOD-1 Question No. 24

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KENTUCKY UTILITIES COMPANY

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL  
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2017

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GHENT UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 75-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2038						
NET SALVAGE PERCENT.. -8						
2015	803,237.38	92,796	90,778	776,718	19.87	39,090
2016	381,116.80	27,606	27,006	384,600	19.89	19,336
2017	854,931.81	21,292	20,829	902,497	19.91	45,329
	9,999,060.73	3,943,682	3,857,934	6,941,052		353,380
	36,076,316.24	14,322,811	16,315,729	22,561,783		992,281
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..						22.7 2.75

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 25**

**Responding Witness: Christopher M. Garrett / John J. Spanos**

- Q-25. Please provide in Microsoft Excel format the currently approved Depreciation Rate, Average Service Life/Iowa Curve, and Net Salvage Rate for each account.
- A-25. See attachment being provided in Excel format for the steam functional information. Rates for other plant accounts were approved as filed in Case No. 2016-00370, *In the Matter of: Application of Kentucky Utilities Company for an Adjustment of its Electric Rates and for Certificates of Public Convenience and Necessity* for all other functional groups. No rate changes for plant accounts other than steam are proposed in this case.



The attachment is being provided in a separate file in Excel format.

**KENTUCKY UTILITIES COMPANY**

**Response to First Request for Information of the U. S. Department of Defense  
Dated November 13, 2018**

**Case No. 2018-00294**

**Question No. 26**

**Responding Witness: Christopher M. Garrett / John J. Spanos**

- Q-26. Please provide all correspondence between Gannett Fleming and Kentucky Utilities Company as it pertains to the depreciation study filed as Exhibit JJS-KU-1. This includes all data requests from Gannett Fleming to KU, all data responses from KU to Gannett Fleming, all email correspondence, any and all phone call notes, any and all meeting notes, etc.
- A-26. See attached for all email correspondence. There were no formal minutes taken during meeting and phone calls. Informal notes taken by Company representatives and drafts of testimony are the work product of counsel and are not produced.

**Heichelbech, Nicholas**

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**From:** Wiseman, Sara  
**Sent:** Tuesday, February 13, 2018 2:02 PM  
**To:** John Spanos (jspanos@gfnet.com)  
**Cc:** Riggs, Eric; Metts, Heather  
**Subject:** Update to 2015 Depreciation study

John,

Chris Garrett has asked us to move forward with updating the steam rates from the 2015 study. I will be in touch soon regarding scope of work for a new contract and other planning activities.

**Sara Wiseman**

Manager | Property Accounting | LG&E and KU  
220 West Main Street, Louisville, KY 40202  
**O:** 502-627-3189 | **M:** 502-938-0886  
lge-ku.com

**Heichelbech, Nicholas**

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**From:** Whitaker, Sherrie  
**Sent:** Tuesday, February 13, 2018 4:20 PM  
**To:** Wiseman, Sara  
**Subject:** Gannett Fleming Contract No. 99339  
**Attachments:** FINAL Gannett Fleming Contract No 99339.docx

Sara,

As requested, please see attached Gannett Fleming contract in Word format.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[lge-ku.com](mailto:lge-ku.com)

Contract No.: 99339

**LG&E and KU Services Company  
CONTRACT NO. 99339**

This Contract ("Contract") is entered into this 1st Day of September 2015 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor") whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the terms of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.

1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.

1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.

1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.

1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.

1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: **Depreciation Study of the electric, gas and common plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony** as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No.: 99339

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare a complete electric, gas, and common depreciation study for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis of all depreciable electric, gas and common plant in service as of December 31, 2015 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2015. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed with supporting data, footnotes, etc. and submitted to the Manager of Property Accounting no later than February 28, 2016. A full presentation of the preliminary document, inclusive of any and all visual aids necessary shall be presented before management on or about March 16, 2016. The completed depreciation study shall be delivered by April 30, 2016 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.
- 2.2.4 Provide depreciation rates to Louisville Gas and Electric and Kentucky Utilities for the new solar facility which is currently under construction. The rates are to be provided to the Manager of Property Accounting at a mutually agreed upon date.

**3.0 EXHIBITS**

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

**4.0 CONTRACT TERM**

This Contract shall become effective September 1, 2015 and continue until June 30, 2017, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

Contract No.: 99339

**5.0 PERFORMANCE SCHEDULE**

- 5.1 Contractor shall commence performance of the work on or about September 1, 2015 and shall complete work no later than June 30, 2017 or until all related testimony is complete.
- 5.2 The Company's engagement is with the firm Gannett Fleming and not with a specific member or employee of Gannett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by Richard Clarke, Director, Western U.S. Services. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, Richard Clarke will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement; Subcontracting, of the ASA.

**6.0 ADMINISTRATIVE SERVICES AGREEMENT**

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

**7.0 COMPENSATION**

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). **The overall estimated Contract Price for the two (2) depreciation studies is \$75,000 - \$80,000.** This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting

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Sherrie Whitaker, Sourcing Leader at [sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com) . Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.

7.3 The Contract Price excludes charges for work subsequent to the completion of the final reports and such work in connection with a proceeding before a regulatory body. Should these costs occur, they shall be based upon the billing rates in effect at the time the work is performed. All subsequent work or Services require prior written approval from the Company.

7.4 SPECIAL INVOICING INSTRUCTIONS

Invoices, one original per month along with any supporting documentation and containing Contract Number 99339, shall be mailed to the attention of:

LG&E and KU Services Company  
Attn: Manager of Property Accounting  
P.O. Box 32010  
Louisville, KY 40232

Or via email to: [sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

Invoice payment terms are NET 30.

**8.0 CONTRACTUAL NOTICES**

All notices and communications regarding this Contract shall be in writing, shall be identified by the Contract number and shall be addressed as follows (which address either party may change upon five (5) days prior notice to the other party):

8.1 Company address: LG&E and KU Services Company  
PO Box 32020  
Louisville, Kentucky 40232  
Attention: Sherrie Whitaker  
(502) 627-4325  
[sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com)

Copy To: LG&E and KU Services Company  
PO Box 32010  
Louisville, Kentucky 40232  
Attention: Sara Wiseman  
(502) 627-3189  
[sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

8.2 Contractor's Address: Gannett Fleming Valuation and Rate Consultants, LLC  
PO Box 67100  
Harrisburg, Pennsylvania 17106  
Attention: Cheryl Rutter, Administrator  
(717) 763-7211 x2283  
(717) 763-4590 Fax  
[crutter@gfnnet.com](mailto:crutter@gfnnet.com)



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**9.0 USE AND DISCLOSURE OF INFORMATION**

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employers, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

**10.0 ENTIRE AGREEMENT**

This Contract, including the ASA and all exhibits listed within this Contract, constitutes the entire agreement between the parties relating to the Services and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Services or this Contract.

The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

**LG&E AND KU SERVICES COMPANY**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

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**Exhibit No. 1  
Scope of Services**

The depreciation study will include seven (7) major tasks up to the date of filing with the respective regulatory commissions. Upon the filing of the depreciation study, Contractor will prepare testimony and respond to any data requests from commission staffs. The following scope of services sets forth the depreciation study work plan.

Task 1 - Data Assembly and Review

Contractor will prepare a written data requirement list for Company personnel to use in assembling the needed data for the study. The list will specify the data to be obtained for each plant account and the manner in which the data are to be transmitted to the Contractor. The required data will be through December 2015 and may include forecasted periods in order to update from the previous study.

The assembled data will be reviewed by the Contractor staff and a “post audit” computer program for control and logic. Irregular or unusual entries will be identified and reviewed with the Company personnel to determine their circumstances and whether they require adjustment. Large retirements also will be identified and explanations as to the cause of such retirements will be requested.

Task 2 - Statistical Analyses of Data

The data assembled and reviewed in Task 1 will be analyzed by the Contractor for historical indications of service life using the retirement rate method.

Trends in average service life and survivor curve shape will be identified by the Contractor through the use of experience band analyses with the retirement rate model. Experience bands will identify the impact of economic and technological cycles on the service life of property groups. The selection of the bands for analysis will be based on a review of annual addition and retirement levels, a multiple original group life table, and preliminary discussions with operating management related to changes in materials used in construction, changes in installed technology and major retirement programs.

Annual gross salvage and cost of removal will be expressed by the Contractor as percents of the related retirements for all accounts, as appropriate. Moving averages will be used to smooth the annual fluctuations.

Task 3 - Field Review and Management Conferences

The field review by the Contractor will include visits to representative power stations, substations, gas storage and production facilities, city gate stations, measuring and regulating stations, and service centers. The purpose of the inspections will be to obtain information related to the operation and condition of the property.

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During these visits, the Contractor also will meet with appropriate Company personnel to obtain additional information related to the outlook for the property. The results of the statistical analyses conducted in Task 2, the typical range of lives and salvage used in the industry, and Contractor's general experience, will be reviewed with these Company personnel as a basis for forecasting future survivor and net salvage characteristics. The discussion will focus on the past forces of retirement which produced the historical indications and the extent to which future forces such as economic, technological, physical and environmental will result in future lives and net salvage values that differ from the past.

#### Task 4 - Preliminary Service Life and Net Salvage Estimates

Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

#### Task 5 - Presentation to Management

The results of the depreciation calculations and the bases for such calculations will be presented by the Contractor to the Company management to insure that the results are in accordance with the Company management's capital recovery policies and outlook.

#### Task 6 - Final Estimates and Calculations

Final calculations of depreciation accrual rates and reserves by account will be performed by the Contractor in order to reflect appropriate modifications as determined during the review with the Company management.

#### Task 7 - Draft and Final Report

A draft report will be prepared by the Contractor for review by the Company's management. The report will include an introduction, a description of the methods used in the statistical analyses and depreciation calculations, a narrative discussion of the factors considered in the estimation of service life and net salvage including the content of the account, the statistical support for the estimates, and the summary and detailed tabulations of depreciation by account. After review, comment and discussion, a final report will be prepared by the Contractor and submitted to the Company's management.

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**Exhibit No. 2  
Contractor Code of Business Conduct**

This LG&E and KU Services Company (a Kentucky corporation) Contractor Code of Business Conduct (“Code”) is incorporated by reference into the General Service Agreement or other agreement between you as the contractor (“Contractor”) and LG&E and KU Services Company and/or one of its affiliates Kentucky Utilities Company, and Louisville Gas and Electric Company (collectively the “Company”). This Code sets minimum standards for Contractor’s conduct in the areas addressed. Contracts between Company and Contractor may provide for standards exceeding the standards of this code.

Observance of Laws

Contractor shall fully comply with the provisions of all federal, state and local laws, regulations and ordinances applicable to its activities performed for the Company or any goods or services provided to or on behalf of the Company, including without limitation, all applicable laws, regulations and ordinances pertaining to occupational health and safety and environmental protection.

Bribes and Kickbacks

Contractor may not under any circumstances accept or pay bribes, kickbacks or other similar compensation or consideration in any way relating to the Company or any activity for or on behalf of the Company.

Dishonest and Fraudulent Activity

Contractor shall not engage in or allow its employees to engage in dishonest acts or fraudulent activity in connection with or in association with the Company’s business. For purposes of this policy, the definition of a dishonest act or fraudulent activity includes but is not limited to:

1. An intentional or deliberate act to deprive the Company or any person of something of value, or to gain an unfair benefit using deception, false suggestions, suppression of truth, or other unfair means which are believed and relied upon.
2. A dishonest act or fraudulent activity may be, but is not limited to, an intentional act or activity that is unethical, improper, or illegal such as:
  - a. Embezzlement;
  - b. Misappropriation, misapplication, destruction, removal, or concealment of property;
  - c. Alteration or falsification of paper or electronic documents, including the inappropriate destruction of paper or electronic documents;
  - d. False claims and/or misrepresentation of facts;
  - e. Theft of an asset, including, but not limited to, money, tangible property, trade secrets or intellectual property;

Harassment

Contractor shall not permit sexual advances, actions, comments, or any other conduct that creates an intimidating or otherwise offensive work environment on Company property or any site where Contractor is performing activity for or on behalf of Company. Further, Contractor shall not permit the use of racial and religious slurs, or any other conduct that breeds an offensive work environment, on Company property or any site where Contractor is performing activity for or on behalf of Company.

Drugs and Alcohol

Contractor shall not allow any employee to perform services for or on behalf of Company while under the influence of drugs or alcohol. Contractor shall maintain a drug and alcohol testing program meeting all applicable federal, state and local laws, regulations and ordinances and meeting or exceeding any and all standards stated in any contract with Company or any document incorporated in such a contract.

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Misuse of Company Assets

No funds or assets of the Company may be used or paid for any unlawful or improper purpose. A Contractor's employees shall not have access to any Company computers unless the contract between such Contractor and the Company expressly provides for such access in writing.

Reporting of Violations

In the event Contractor learns of any violation of this Code, Contractor shall immediately report such violation to Company's Director, Compliance and Ethics at (502) 627-2648.

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**Exhibit No. 3  
Billing Rates**

EFFECTIVE DECEMBER 27, 2014\*

<b><u>Personnel</u></b>	<b><u>Hourly Rate</u></b>
<b>SUPERVISORY STAFF</b>	
P. R. Herbert, Chairman and President	\$245.00
J. J. Spanos, Senior Vice President and Treasurer	240.00
R. Clarke, Director, Western U.S. Services	235.00
H. Walker, III, Manager, Financial Studies	220.00
J. F. Wiedmayer, Jr., Project Manager, Depreciation	190.00
C. E. Heppenstall, Project Manager, Rate Studies	160.00
<b>STAFF</b>	
Analysts and Engineers	160.00
Associate Analysts and Engineers	145.00
Assistant Analysts and Engineers	130.00
Senior Technicians	100.00
Support Staff	100.00

\*These rates are subject to review and possible revision effective December 26, 2015.

**Heichelbech, Nicholas**

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**From:** Metts, Heather  
**Sent:** Tuesday, February 13, 2018 5:47 PM  
**To:** Davis, Angela; McRae, Callie  
**Cc:** Wiseman, Sara  
**Subject:** FW: Update to 2015 Depreciation study

FYI – we will need to add a depreciation study to our forecast for 2018. I can't remember if we put the last one in rates or in property – I think it was rates. Additionally, I think that you are supposed to expense it until you have regulatory permission to put in a reg asset however, I will differ to Chris on that one.

heather

**From:** Wiseman, Sara  
**Sent:** Tuesday, February 13, 2018 2:02 PM  
**To:** John Spanos (jspanos@gfnet.com)  
**Cc:** Riggs, Eric ; Metts, Heather  
**Subject:** Update to 2015 Depreciation study

John,

Chris Garrett has asked us to move forward with updating the steam rates from the 2015 study. I will be in touch soon regarding scope of work for a new contract and other planning activities.

**Sara Wiseman**

Manager | Property Accounting | LG&E and KU  
220 West Main Street, Louisville, KY 40202  
O: 502-627-3189 | M: 502-338-0886  
lge-ku.com

**Heichelbech, Nicholas**

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**From:** Whitaker, Sherrie  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** 'jspanos@gfnet.com'  
**Cc:** 'Rutter, Cheryl'; Wiseman, Sara  
**Subject:** LG&E and KU Services Company Contract Draft  
**Attachments:** DRAFT Gannett Fleming Contract No. 131093.docx

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[lge-ku.com](http://lge-ku.com)



Contract No.: 131093

**LG&E and KU Services Company  
CONTRACT NO. 131093**

This Contract ("Contract") is entered into this 26th Day of February 2018 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor") whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the term of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.

1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.

1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.

1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.

1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.

1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: **Depreciation Study of the electric steam plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony** as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No.: 131093

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare an update to the December 31, 2015 depreciation study previously provided by Gannett Fleming for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis/update of all depreciable electric steam plant in service as of December 31, 2017 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2017. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed and submitted to the Manager of Property Accounting no later than April 27, 2018. The results of the depreciation update study shall be delivered by May 31, 2017 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.

**3.0 EXHIBITS**

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

**4.0 TERM**

This Contract shall become effective February 26, 2018 and continue until June 30, 2019, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

**5.0 PERFORMANCE SCHEDULE**

- 5.1 Contractor shall commence performance of the work on or about February 26, 2018 and shall complete work no later than June 30, 2019 or until all related testimony is complete.

Contract No.: 131093

- 5.2 The Company's engagement is with the firm Gannett Fleming and not with a specific member or employee of Gannett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by Richard Clarke, Director, Western U.S. Services. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, Richard Clarke will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement; Subcontracting, of the ASA.

**6.0 ADMINISTRATIVE SERVICES AGREEMENT**

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

**7.0 COMPENSATION**

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). **The overall estimated Contract Price for the two (2) depreciation study updates is \$35,000 - \$40,000.** This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting Sherrie Whitaker, Sourcing Leader at [sherrie.whitaker@lee-ku.com](mailto:sherrie.whitaker@lee-ku.com). Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.

Contract No.: 131093

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Attention: Sherrie Whitaker  
(502) 627-4325  
[sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com)
- Copy To: LG&E and KU Services Company  
PO Box 32010  
Louisville, Kentucky 40232  
Attention: Sara Wiseman  
(502) 627-3189  
[sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)
- 8.2 Contractor's Address: Gannett Fleming Valuation and Rate Consultants, LLC  
PO Box 67100  
Harrisburg, Pennsylvania 17106  
Attention: Cheryl Rutter, Administrator  
(717) 763-7211 x2283  
(717) 763-4590 Fax  
[crutter@ghnet.com](mailto:crutter@ghnet.com)

Contract No.: 131093

**9.0 USE AND DISCLOSURE OF INFORMATION**

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employers, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

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The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

**LG&E AND KU SERVICES COMPANY**

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

Contract No.: 131093

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**Scope of Services**

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**Commented [W51]:** John Spanos—should we remove this task?

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Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

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**Exhibit No. 2**  
**Contractor Code of Business Conduct**

This LG&E and KU Services Company (a Kentucky corporation) Contractor Code of Business Conduct ("Code") is incorporated by reference into the General Service Agreement or other agreement between you as the contractor ("Contractor") and LG&E and KU Services Company and/or one of its affiliates Kentucky Utilities Company, and Louisville Gas and Electric Company (collectively the "Company"). This Code sets minimum standards for Contractor's conduct in the areas addressed. Contracts between Company and Contractor may provide for standards exceeding the standards of this code.

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Contractor shall fully comply with the provisions of all federal, state and local laws, regulations and ordinances applicable to its activities performed for the Company or any goods or services provided to or on behalf of the Company, including without limitation, all applicable laws, regulations and ordinances pertaining to occupational health and safety and environmental protection.

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Contractor may not under any circumstances accept or pay bribes, kickbacks or other similar compensation or consideration in any way relating to the Company or any activity for or on behalf of the Company.

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Contractor shall not engage in or allow its employees to engage in dishonest acts or fraudulent activity in connection with or in association with the Company's business. For purposes of this policy, the definition of a dishonest act or fraudulent activity includes but is not limited to:

1. An intentional or deliberate act to deprive the Company or any person of something of value, or to gain an unfair benefit using deception, false suggestions, suppression of truth, or other unfair means which are believed and relied upon.
2. A dishonest act or fraudulent activity may be, but is not limited to, an intentional act or activity that is unethical, improper, or illegal such as:
  - a. Embezzlement;
  - b. Misappropriation, misapplication, destruction, removal, or concealment of property;
  - c. Alteration or falsification of paper or electronic documents, including the inappropriate destruction of paper or electronic documents;
  - d. False claims and/or misrepresentation of facts;
  - e. Theft of an asset, including, but not limited to, money, tangible property, trade secrets or intellectual property;

**Harassment**

Contractor shall not permit sexual advances, actions, comments, or any other conduct that creates an intimidating or otherwise offensive work environment on Company property or any site where Contractor is performing activity for or on behalf of Company. Further, Contractor shall not permit the use of racial and religious slurs, or any other conduct that breeds an offensive work environment, on Company property or any site where Contractor is performing activity for or on behalf of Company.

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Contract No.: 131093

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Contract No.: 131093

**Exhibit No. 3**  
**Billing Rates**

EFFECTIVE DECEMBER 30, 2017\*

<u>Personnel</u>	<u>Hourly Rate</u>
<b>SUPERVISORY STAFF</b>	
W.M. Stout, Principal Consultant	\$300.00
P. R. Herbert, Chairman and President	265.00
J. J. Spanos, Senior Vice President and Treasurer	260.00
R. Clarke, Director, Western U.S. Services	235.00
H. Walker, III, Manager, Financial Studies	235.00
J. F. Wiedmayer, Jr., Project Manager, Depreciation	210.00
C. E. Heppenstall, Project Manager, Rate Studies	185.00
N.W. Allis, Project Manager, Depreciation & Technical Development	185.00
<b>STAFF</b>	
Analysts and Engineers	170.00
Associate Analysts and Engineers	165.00
Assistant Analysts and Engineers	145.00
Senior Technicians	110.00
Support Staff	110.00

\*These rates are subject to review and possible revision effective December 26, 2015.

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

BILLING RATES

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**Heichelbech, Nicholas**

---

**From:** Rutter, Cheryl A. <crutter@GFNET.com>  
**Sent:** Monday, February 26, 2018 10:29 AM  
**To:** Whitaker, Sherrie  
**Cc:** Spanos, John J.; Wiseman, Sara  
**Subject:** FW: LG&E and KU Services Company Contract Draft  
**Attachments:** DRAFT Gannett Fleming Contract No. 131093.docx; GFVRC 2018 Billing Rates.pdf  
**Importance:** High

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We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS | Administrator**  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
**t** 717.763.7211 x2283 | **f** 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
***Excellence Delivered As Promised***  
**Gannett Fleming is ISO 9001:2008 Certified.**  
[www.gannettfleming.com](http://www.gannettfleming.com) | Stay connected: [Twitter](#) | [Facebook](#) | [LinkedIn](#) | [YouTube](#)

**PRINTING SUSTAINABILITY STATEMENT:** Gannett Fleming is committed to conserving natural resources and minimizing adverse environmental impacts in projects. Accordingly, project documentation will be provided in electronic format only unless clients specifically request hard copies. Visit our [website](#) to read more about our sustainability commitment.

**CONFIDENTIALITY NOTICE:** This email and any attachments may contain confidential information for the use of the named addressee. If you are not the intended recipient, you are hereby notified that you have received this communication in error and that any review, disclosure, dissemination, distribution or copying of it or its contents is prohibited.

**From:** Whitaker, Sherrie [mailto:Sherrie.Whitaker@lge-ku.com]  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J.  
**Cc:** Rutter, Cheryl A. ; Wiseman, Sara  
**Subject:** LG&E and KU Services Company Contract Draft

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC

820 West Broadway, Louisville, KY 40202

O: 502.627.4325 | F: 502.217.2008

[lge-ku.com](http://lge-ku.com)

----- The information contained in this transmission is intended only for the person or entity to which it is directly addressed or copied. It may contain material of confidential and/or private nature. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is not allowed. If you received this message and the information contained therein by error, please contact the sender and delete the material from your/any storage medium.

Contract No.: 131093

**LG&E and KU Services Company  
CONTRACT NO. 131093**

This Contract ("Contract") is entered into this 26th Day of February 2018 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor") whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the terms of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.

1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.

1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.

1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.

1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.

1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: **Depreciation Study of the electric steam plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony** as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No.: 131093

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare an update to the December 31, 2015 depreciation study previously provided by Gannett Fleming for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis/update of all depreciable electric steam, plant in service as of December 31, 2017 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2017. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed and submitted to the Manager of Property Accounting no later than April 27, 2018. The results of the depreciation update study shall be delivered by May 31, 2017 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.

**3.0 EXHIBITS**

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

**4.0 TERM**

This Contract shall become effective February 26, 2018 and continue until June 30, 2019, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

**5.0 PERFORMANCE SCHEDULE**

- 5.1 Contractor shall commence performance of the work on or about February 26, 2018 and shall complete work no later than June 30, 2019 or until all related testimony is complete.

Contract No.: 131093

- 5.2 The Company's engagement is with the firm Gannett Fleming and not with a specific member or employee of Gannett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by Richard Clarke, Director, Western U.S. Services. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, Richard Clarke will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement; Subcontracting, of the ASA.

#### 6.0 ADMINISTRATIVE SERVICES AGREEMENT

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

#### 7.0 COMPENSATION

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). **The overall estimated Contract Price for the two (2) depreciation study updates is \$35,000 - \$40,000.** This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting Sherrie Whitaker, Sourcing Leader at [sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com). Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.



Contract No.: 131093

7.3 The Contract Price excludes charges for work subsequent to the completion of the final reports and such work in connection with a proceeding before a regulatory body. Should these costs occur, they shall be based upon the billing rates in effect at the time the work is performed. All subsequent work or Services require prior written approval from the Company.

7.4 SPECIAL INVOICING INSTRUCTIONS

Invoices, one original per month along with any supporting documentation and containing Contract Number 131093, shall be mailed to the attention of:

LG&E and KU Services Company  
Attn: Manager of Property Accounting  
P.O. Box 32010  
Louisville, KY 40232

Or via email to: [sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

Invoice payment terms are NET 30.

**8.0 CONTRACTUAL NOTICES**

All notices and communications regarding this Contract shall be in writing, shall be identified by the Contract number and shall be addressed as follows (which address either party may change upon five (5) days prior notice to the other party):

- |     |                       |  |
|-----|-----------------------|--|
| 8.1 | Company address:      | LG&E and KU Services Company<br>PO Box 32020<br>Louisville, Kentucky 40232<br>Attention: Sherrie Whitaker<br>(502) 627-4325<br><a href="mailto:sherrie.whitaker@lge-ku.com">sherrie.whitaker@lge-ku.com</a>  |
|     | Copy To:              | LG&E and KU Services Company<br>PO Box 32010<br>Louisville, Kentucky 40232<br>Attention: Sara Wiseman<br>(502) 627-3189<br><a href="mailto:sara.wiseman@lge-ku.com">sara.wiseman@lge-ku.com</a>  |
| 8.2 | Contractor's Address: | Gannett Fleming Valuation and Rate Consultants, LLC<br>PO Box 67100<br>Harrisburg, Pennsylvania 17106<br>Attention: Cheryl Rutter, Administrator<br>(717) 763-7211 x2283<br>(717) 763-4590 Fax<br><a href="mailto:crutter@gfnet.com">crutter@gfnet.com</a> |

Contract No.: 131093

**9.0 USE AND DISCLOSURE OF INFORMATION**

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employers, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

**10.0 ENTIRE AGREEMENT**

This Contract, including the ASA and all exhibits listed within this Contract, constitutes the entire agreement between the parties relating to the Services and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Services or this Contract.

The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

**LG&E AND KU SERVICES COMPANY**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

Contract No.: 131093

**Exhibit No. 1  
Scope of Services**

The depreciation study update will include seven (7) major tasks up to the date of filing with the respective regulatory commissions. Upon the filing of the depreciation study update, Contractor will prepare testimony and respond to any data requests from commission staffs. The following scope of services sets forth the depreciation study work plan.

Task 1 - Data Assembly and Review

Contractor will prepare a written data requirement list for Company personnel to use in assembling the needed data for the study. The list will specify the data to be obtained for each plant account and the manner in which the data are to be transmitted to the Contractor. The required data will be through December 2017 and may include forecasted periods in order to update from the previous study.

The assembled data will be reviewed by the Contractor staff and a "post audit" computer program for control and logic. Irregular or unusual entries will be identified and reviewed with the Company personnel to determine their circumstances and whether they require adjustment. Large retirements also will be identified and explanations as to the cause of such retirements will be requested.

Task 2 - Statistical Analyses of Data

The data assembled and reviewed in Task 1 will be analyzed by the Contractor for historical indications of service life using the retirement rate method.

Trends in average service life and survivor curve shape will be identified by the Contractor through the use of experience band analyses with the retirement rate model. Experience bands will identify the impact of economic and technological cycles on the service life of property groups. The selection of the bands for analysis will be based on a review of annual addition and retirement levels, a multiple original group life table, and preliminary discussions with operating management related to changes in materials used in construction, changes in installed technology and major retirement programs.

Annual gross salvage and cost of removal will be expressed by the Contractor as percent's of the related retirements for all accounts, as appropriate. Moving averages will be used to smooth the annual fluctuations.

Task 3 - Field Review and Management Conferences

The field review by the Contractor will include visits to representative power stations, substations, gas storage and production facilities, city gate stations, measuring and regulating stations, and service centers. The purpose of the inspections will be to obtain information related to the operation and condition of the property.

Contract No.: 131093

During these visits, the Contractor also will meet with appropriate Company personnel to obtain additional information related to the outlook for the property. The results of the statistical analyses conducted in Task 2, the typical range of lives and salvage used in the industry, and Contractor's general experience, will be reviewed with these Company personnel as a basis for forecasting future survivor and net salvage characteristics. The discussion will focus on the past forces of retirement which produced the historical indications and the extent to which future forces such as economic, technological, physical and environmental will result in future lives and net salvage values that differ from the past.

Commented [WS1]: John Spanop-- should we remove this task?

Task 4 - Preliminary Service Life and Net Salvage Estimates

Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

Task 5 - Presentation to Management

The results of the depreciation calculations and the bases for such calculations will be presented by the Contractor to the Company management to insure that the results are in accordance with the Company management's capital recovery policies and outlook.

Task 6 - Final Estimates and Calculations

Final calculations of depreciation accrual rates and reserves by account will be performed by the Contractor in order to reflect appropriate modifications as determined during the review with the Company management.

Task 7 - Draft and Final Report

A draft report will be prepared by the Contractor for review by the Company's management. The report will include an introduction, a description of the methods used in the statistical analyses and depreciation calculations, a narrative discussion of the factors considered in the estimation of service life and net salvage including the content of the account, the statistical support for the estimates, and the summary and detailed tabulations of depreciation by account. After review, comment and discussion, a final report will be prepared by the Contractor and submitted to the Company's management.

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EFFECTIVE DECEMBER 30, 2017\*

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**Heichelbech, Nicholas**

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**Sent:** Monday, February 26, 2018 10:53 AM  
**To:** 'Rutter, Cheryl A.'  
**Cc:** Spanos, John J.; Wiseman, Sara  
**Subject:** RE: LG&E and KU Services Company Contract Draft  
**Attachments:** DRAFT Gannett Fleming Contract No. 131093.docx

Good Morning Cheryl,

Please see attached draft with corrections made to Exhibit No. 3, Billing Rates.



**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

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We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | crutter@gfnet.com  
***Excellence Delivered As Promised***  
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**From:** Whitaker, Sherrie [[mailto:Sherrie\\_Whitaker@lge-ku.com](mailto:Sherrie_Whitaker@lge-ku.com)]  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Cc:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** LG&E and KU Services Company Contract Draft

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[lge-ku.com](http://lge-ku.com)

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Contract No. 131093

**LG&E and KU Services Company  
CONTRACT NO. 131093**

This Contract ("Contract") is entered into this 26th Day of February 2018 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor" ) whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the terms of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.

1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.

1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.

1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.

1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.

1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: **Depreciation Study of the electric steam plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony** as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No. 131093

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare an update to the December 31, 2015 depreciation study previously provided by Gannett Fleming for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis/update of all depreciable electric steam plant in service as of December 31, 2017 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2017. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed and submitted to the Manager of Property Accounting no later than April 27, 2018. The results of the depreciation update study shall be delivered by May 31, 2017 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.

3.0 EXHIBITS

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

4.0 TERM

This Contract shall become effective February 26, 2018 and continue until June 30, 2019, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

5.0 PERFORMANCE SCHEDULE

- 5.1 Contractor shall commence performance of the work on or about February 26, 2018 and shall complete work no later than June 30, 2019 or until all related testimony is complete.

Contract No.: 131093

- 5.2 The Company's engagement is with the firm Gamnett Fleming and not with a specific member or employee of Gamnett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by [REDACTED]. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, [REDACTED] will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement; Subcontracting, of the ASA.

**6.0 ADMINISTRATIVE SERVICES AGREEMENT**

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

**7.0 COMPENSATION**

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). **The overall estimated Contract Price for the two (2) depreciation study updates is \$35,000 - \$40,000.** This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting Sherric Whitaker, Sourcing Leader at [sherric.whitaker@lsc-ka.com](mailto:sherric.whitaker@lsc-ka.com). Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.

Contract No.: 131093

7.3 The Contract Price excludes charges for work subsequent to the completion of the final reports and such work in connection with a proceeding before a regulatory body. Should these costs occur, they shall be based upon the billing rates in effect at the time the work is performed. All subsequent work or Services require prior written approval from the Company.

7.4 SPECIAL INVOICING INSTRUCTIONS

Invoices, one original per month along with any supporting documentation and containing Contract Number 131093, shall be mailed to the attention of:

LG&E and KU Services Company  
Attn: Manager of Property Accounting  
P.O. Box 32010  
Louisville, KY 40232

Or via email to: [sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

Invoice payment terms are NET 30.

**8.0 CONTRACTUAL NOTICES**

All notices and communications regarding this Contract shall be in writing, shall be identified by the Contract number and shall be addressed as follows (which address either party may change upon five (5) days prior notice to the other party):

- 8.1 Company address: LG&E and KU Services Company  
PO Box 32020  
Louisville, Kentucky 40232  
Attention: Sherrie Whitaker  
(502) 627-4325  
[sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com)
- Copy To: LG&E and KU Services Company  
PO Box 32010  
Louisville, Kentucky 40232  
Attention: Sara Wiseman  
(502) 627-3189  
[sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)
- 8.2 Contractor's Address: Gannett Fleming Valuation and Rate Consultants, LLC  
PO Box 67100  
Harrisburg, Pennsylvania 17106  
Attention: Cheryl Rutter, Administrator  
(717) 763-7211 x2283  
(717) 763-4590 Fax  
[crutter@gfhsi.com](mailto:crutter@gfhsi.com)

Contract No.: 131093

**9.0 USE AND DISCLOSURE OF INFORMATION**

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employers, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

**10.0 ENTIRE AGREEMENT**

This Contract, including the ASA and all exhibits listed within this Contract, constitutes the entire agreement between the parties relating to the Services and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Services or this Contract.

The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

**LG&E AND KU SERVICES COMPANY**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

Contract No.: 131093

**Exhibit No. 1**  
**Scope of Services**

The depreciation study update will include seven (7) major tasks up to the date of filing with the respective regulatory commissions. Upon the filing of the depreciation study update, Contractor will prepare testimony and respond to any data requests from commission staffs. The following scope of services sets forth the depreciation study work plan.

Task 1 - Data Assembly and Review

Contractor will prepare a written data requirement list for Company personnel to use in assembling the needed data for the study. The list will specify the data to be obtained for each plant account and the manner in which the data are to be transmitted to the Contractor. The required data will be through December 2017 and may include forecasted periods in order to update from the previous study.

The assembled data will be reviewed by the Contractor staff and a "post audit" computer program for control and logic. Irregular or unusual entries will be identified and reviewed with the Company personnel to determine their circumstances and whether they require adjustment. Large retirements also will be identified and explanations as to the cause of such retirements will be requested.

Task 2 - Statistical Analyses of Data

The data assembled and reviewed in Task 1 will be analyzed by the Contractor for historical indications of service life using the retirement rate method.

Trends in average service life and survivor curve shape will be identified by the Contractor through the use of experience band analyses with the retirement rate model. Experience bands will identify the impact of economic and technological cycles on the service life of property groups. The selection of the bands for analysis will be based on a review of annual addition and retirement levels, a multiple original group life table, and preliminary discussions with operating management related to changes in materials used in construction, changes in installed technology and major retirement programs.

Annual gross salvage and cost of removal will be expressed by the Contractor as percent's of the related retirements for all accounts, as appropriate. Moving averages will be used to smooth the annual fluctuations.

Task 3 - Management Conferences

Contract No.: 131093

The Contractor will meet with appropriate Company personnel to obtain additional information related to the outlook for the property. The results of the statistical analyses conducted in Task 2, the typical range of lives and salvage used in the industry, and Contractor's general experience, will be reviewed with these Company personnel as a basis for forecasting future survivor and net salvage characteristics. The discussion will focus on the past forces of retirement which produced the historical indications and the extent to which future forces such as economic, technological, physical and environmental will result in future lives and net salvage values that differ from the past.

Commented [WS1]: John Sparrow –should we remove this task?  
Commented [RCA2R1]: No, this task has been edited for retention within the contract.

Task 4 - Preliminary Service Life and Net Salvage Estimates

Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

Task 5 - Presentation to Management

The results of the depreciation calculations and the bases for such calculations will be presented by the Contractor to the Company management to insure that the results are in accordance with the Company management's capital recovery policies and outlook.

Task 6 - Final Estimates and Calculations

Final calculations of depreciation accrual rates and reserves by account will be performed by the Contractor in order to reflect appropriate modifications as determined during the review with the Company management.

Task 7 - Draft and Final Report

A draft report will be prepared by the Contractor for review by the Company's management. The report will include an introduction, a description of the methods used in the statistical analyses and depreciation calculations, a narrative discussion of the factors considered in the estimation of service life and net salvage including the content of the account, the statistical support for the estimates, and the summary and detailed tabulations of depreciation by account. After review, comment and discussion, a final report will be prepared by the Contractor and submitted to the Company's management.



Contract No.: 131093

**Exhibit No. 2  
Contractor Code of Business Conduct**

This LG&E and KU Services Company (a Kentucky corporation) Contractor Code of Business Conduct ("Code") is incorporated by reference into the General Service Agreement or other agreement between you as the contractor ("Contractor") and LG&E and KU Services Company and/or one of its affiliates Kentucky Utilities Company, and Louisville Gas and Electric Company (collectively the "Company"). This Code sets minimum standards for Contractor's conduct in the areas addressed. Contracts between Company and Contractor may provide for standards exceeding the standards of this code.

Observance of Laws

Contractor shall fully comply with the provisions of all federal, state and local laws, regulations and ordinances applicable to its activities performed for the Company or any goods or services provided to or on behalf of the Company, including without limitation, all applicable laws, regulations and ordinances pertaining to occupational health and safety and environmental protection.

Bribes and Kickbacks

Contractor may not under any circumstances accept or pay bribes, kickbacks or other similar compensation or consideration in any way relating to the Company or any activity for or on behalf of the Company.

Dishonest and Fraudulent Activity

Contractor shall not engage in or allow its employees to engage in dishonest acts or fraudulent activity in connection with or in association with the Company's business. For purposes of this policy, the definition of a dishonest act or fraudulent activity includes but is not limited to:

1. An intentional or deliberate act to deprive the Company or any person of something of value, or to gain an unfair benefit using deception, false suggestions, suppression of truth, or other unfair means which are believed and relied upon.
2. A dishonest act or fraudulent activity may be, but is not limited to, an intentional act or activity that is unethical, improper, or illegal such as:
  - a. Embezzlement;
  - b. Misappropriation, misapplication, destruction, removal, or concealment of property;
  - c. Alteration or falsification of paper or electronic documents, including the inappropriate destruction of paper or electronic documents;
  - d. False claims and/or misrepresentation of facts;
  - e. Theft of an asset, including, but not limited to, money, tangible property, trade secrets or intellectual property;

Harassment

Contractor shall not permit sexual advances, actions, comments, or any other conduct that creates an intimidating or otherwise offensive work environment on Company property or any site where Contractor is performing activity for or on behalf of Company. Further, Contractor shall not permit the use of racial and religious slurs, or any other conduct that breeds an offensive work environment, on Company property or any site where Contractor is performing activity for or on behalf of Company.

Drugs and Alcohol

Contractor shall not allow any employee to perform services for or on behalf of Company while under the influence of drugs or alcohol. Contractor shall maintain a drug and alcohol testing program meeting all applicable federal, state and local laws, regulations and ordinances and meeting or exceeding any and all standards stated in any contract with Company or any document incorporated in such a contract.

Contract No.: I31093

Misuse of Company Assets

No funds or assets of the Company may be used or paid for any unlawful or improper purpose. A Contractor's employees shall not have access to any Company computers unless the contract between such Contractor and the Company expressly provides for such access in writing.

Reporting of Violations

In the event Contractor learns of any violation of this Code, Contractor shall immediately report such violation to Company's Director, Compliance and Ethics at (502) 627-2648.

Contract No.: 131093

**Exhibit No. 3**  
**Billing Rates**

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

**BILLING RATES**

EFFECTIVE DECEMBER 30, 2017\*

<u>Personnel</u>	<u>Hourly Rate</u>
<b>SUPERVISORY STAFF</b>	
W. M. Stout, Principal Consultant	\$300.00
P. R. Herbert, Chairman and President	265.00
J. J. Spanos, Senior Vice President and Treasurer	260.00
C. R. Clarke, Director, Western U.S. Services	255.00
H. Walker, III, Manager, Financial Studies	235.00
J. F. Wiedmayer, Jr., Project Manager, Depreciation	210.00
C. E. Heppenstall, Project Manager, Rate Studies	185.00
N. W. Allis, Project Manager, Depreciation & Technical Development	185.00
<b>STAFF</b>	
Analysts and Engineers	170.00
Associate Analysts and Engineers	160.00
Assistant Analysts and Engineers	145.00
Senior Technicians	110.00
Support Staff	110.00

\*Billing rates are subject to review and possible revision effective December 29, 2018

**Heichelbech, Nicholas**

---

**From:** Rutter, Cheryl A. <crutter@GFNET.com>  
**Sent:** Wednesday, February 28, 2018 2:08 PM  
**To:** Whitaker, Sherrie; Wiseman, Sara  
**Cc:** Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract Draft  
**Attachments:** DRAFT 2-28-18-Gannett Fleming Contract No. 131093.docx

**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good afternoon, Ladies....

See attached document which contains our "Tracked" changes.

Please advise if you have any questions, etc.

Thank you and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS | Administrator**  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
***Excellence Delivered As Promised***  
**Gannett Fleming is ISO 9001:2008 Certified.**  
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**From:** Whitaker, Sherrie [mailto:Sherrie.Whitaker@lge-ku.com]  
**Sent:** Monday, February 26, 2018 10:53 AM  
**To:** Rutter, Cheryl A.

**Cc:** Spanos, John J. ; Wiseman, Sara  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Morning Cheryl,

Please see attached draft with corrections made to Exhibit No. 3, Billing Rates.



**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Monday, February 26, 2018 10:29 AM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** FW: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie....

A quick glance of the document shows that there are "inconsistencies" in Exhibit No. 3, Billing Rates.....this is not an exact replication of the document that I sent to you on February 22, 2018 (a copy of which I have attached to this email). Please update.

We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
***Excellence Delivered As Promised***  
**Gannett Fleming is ISO 9001:2008 Certified.**  
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communication in error and that any review, disclosure, dissemination, distribution or copying of it or its contents is prohibited.

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**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Cc:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** LG&E and KU Services Company Contract Draft

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Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[lge-ku.com](http://lge-ku.com)

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Contract No.: 131093

**LG&E and KU Services Company  
CONTRACT NO. 131093**

This Contract ("Contract") is entered into this 26th Day of February 2018 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor" or "Gannett Fleming") whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the terms of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

- 1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.
- 1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.
- 1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.
- 1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.
- 1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.
- 1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: **Depreciation Study of the electric steam plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony** as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

- 2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No.: 131093

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare an update to the December 31, 2015 depreciation study previously provided by Gannett Fleming for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis/update of all depreciable electric steam, plant in service as of December 31, 2017 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2017. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed and submitted to the Manager of Property Accounting no later than April 27, 2018. The results of the depreciation update study shall be delivered by May 31, 2017 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.

**3.0 EXHIBITS**

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

**4.0 TERM**

This Contract shall become effective February 26, 2018 and continue until June 30, 2019, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

**5.0 PERFORMANCE SCHEDULE**

- 5.1 Contractor shall commence performance of the work on or about February 26, 2018 and shall complete work no later than June 30, 2019 or until all related testimony is complete.



Contract No.: 131093

- 5.2 The Company's engagement is with the firm Gannett Fleming and not with a specific member or employee of Gannett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by Ned W. Allis, Project Manager, Depreciation & Technical Development. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, Ned Allis will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement; Subcontracting, of the ASA.

## 6.0 ADMINISTRATIVE SERVICES AGREEMENT

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

## 7.0 COMPENSATION

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). **The overall estimated Contract Price for the two (2) depreciation study updates is \$35,000 - \$40,000.** This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting Sherrie Whitaker, Sourcing Lead at [sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com). Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.

Contract No.: 131093

7.3 The Contract Price excludes charges for work subsequent to the completion of the final reports and such work in connection with a proceeding before a regulatory body. Should these costs occur, they shall be based upon the billing rates in effect at the time the work is performed. All subsequent work or Services require prior written approval from the Company.

7.4 SPECIAL INVOICING INSTRUCTIONS

Invoices, one original per month along with any supporting documentation and containing Contract Number 131093, shall be mailed to the attention of:

LG&E and KU Services Company  
Attn: Manager of Property Accounting  
P.O. Box 32010  
Louisville, KY 40232

Or via email to: [sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

Invoice payment terms are NET 30.

**8.0 CONTRACTUAL NOTICES**

All notices and communications regarding this Contract shall be in writing, shall be identified by the Contract number and shall be addressed as follows (which address either party may change upon five (5) days prior notice to the other party):

8.1 Company address: LG&E and KU Services Company  
PO Box 32020  
Louisville, Kentucky 40232  
Attention: Sherrie Whitaker  
(502) 627-4325  
[sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com)

Copy To: LG&E and KU Services Company  
PO Box 32010  
Louisville, Kentucky 40232  
Attention: Sara Wiseman  
(502) 627-3189  
[sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

8.2 Contractor's Address: Gannett Fleming Valuation and Rate Consultants, LLC  
PO Box 67100  
Harrisburg, Pennsylvania 17106  
Attention: Cheryl Rutter, Administrator  
(717) 763-7211 x2283  
(717) 763-4590 Fax  
[crutter@gfnet.com](mailto:crutter@gfnet.com)

Contract No.: 131093

**9.0 USE AND DISCLOSURE OF INFORMATION**

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employers, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

**10.0 ENTIRE AGREEMENT**

This Contract, including the ASA and all exhibits listed within this Contract, constitutes the entire agreement between the parties relating to the Services and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Services or this Contract.

The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

**LG&E AND KU SERVICES COMPANY**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

Contract No.: 131093

**Exhibit No. 1  
Scope of Services**

The depreciation study update will include seven (7) major tasks up to the date of filing with the respective regulatory commissions. Upon the filing of the depreciation study update, Contractor will prepare testimony and respond to any data requests from commission staffs. The following scope of services sets forth the depreciation study work plan.

Task 1 - Data Assembly and Review

Contractor will prepare a written data requirement list for Company personnel to use in assembling the needed data for the study. The list will specify the data to be obtained for each plant account and the manner in which the data are to be transmitted to the Contractor. The required data will be through December 2017 and may include forecasted periods in order to update from the previous study.

The assembled data will be reviewed by the Contractor staff and a "post audit" computer program for control and logic. Irregular or unusual entries will be identified and reviewed with the Company personnel to determine their circumstances and whether they require adjustment. Large retirements also will be identified and explanations as to the cause of such retirements will be requested.

Task 2 - Statistical Analyses of Data

The data assembled and reviewed in Task 1 will be analyzed by the Contractor for historical indications of service life using the retirement rate method.

Trends in average service life and survivor curve shape will be identified by the Contractor through the use of experience band analyses with the retirement rate model. Experience bands will identify the impact of economic and technological cycles on the service life of property groups. The selection of the bands for analysis will be based on a review of annual addition and retirement levels, a multiple original group life table, and preliminary discussions with operating management related to changes in materials used in construction, changes in installed technology and major retirement programs.

Annual gross salvage and cost of removal will be expressed by the Contractor as percent's of the related retirements for all accounts, as appropriate. Moving averages will be used to smooth the annual fluctuations.

Task 3 - Management Conferences

The Contractor will meet in person or via conference call with appropriate Company personnel to obtain additional information related to the outlook for the property. The results of the statistical analyses conducted in Task 2, the typical range of lives and salvage used in the industry, and Contractor's general experience, will be reviewed with these Company personnel as a basis for forecasting future survivor and net salvage characteristics. The discussion will focus on the past forces of retirement which produced the historical indications and the extent to which future forces

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such as economic, technological, physical and environmental will result in future lives and net salvage values that differ from the past. A forecast plan for all generating facilities will be discussed.

Task 4 - Preliminary Service Life and Net Salvage Estimates

Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

Task 5 - Presentation to Management

The results of the depreciation calculations and the bases for such calculations will be presented by the Contractor to the Company management to insure that the results are in accordance with the Company management's capital recovery policies and outlook.

Task 6 - Final Estimates and Calculations

Final calculations of depreciation accrual rates and reserves by account will be performed by the Contractor in order to reflect appropriate modifications as determined during the review with the Company management.

Task 7 - Draft and Final Report

A draft report will be prepared by the Contractor for review by the Company's management. The report will include an introduction, a description of the methods used in the statistical analyses and depreciation calculations, a narrative discussion of the factors considered in the estimation of service life and net salvage including the content of the account, the statistical support for the estimates, and the summary and detailed tabulations of depreciation by account. After review, comment and discussion, a final report will be prepared by the Contractor and submitted to the Company's management.

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**Exhibit No. 2  
Contractor Code of Business Conduct**

This LG&E and KU Services Company (a Kentucky corporation) Contractor Code of Business Conduct (“Code”) is incorporated by reference into the General Service Agreement or other agreement between you as the contractor (“Contractor”) and LG&E and KU Services Company and/or one of its affiliates Kentucky Utilities Company, and Louisville Gas and Electric Company (collectively the “Company”). This Code sets minimum standards for Contractor’s conduct in the areas addressed. Contracts between Company and Contractor may provide for standards exceeding the standards of this code.

Observance of Laws

Contractor shall fully comply with the provisions of all federal, state and local laws, regulations and ordinances applicable to its activities performed for the Company or any goods or services provided to or on behalf of the Company, including without limitation, all applicable laws, regulations and ordinances pertaining to occupational health and safety and environmental protection.

Bribes and Kickbacks

Contractor may not under any circumstances accept or pay bribes, kickbacks or other similar compensation or consideration in any way relating to the Company or any activity for or on behalf of the Company.

Dishonest and Fraudulent Activity

Contractor shall not engage in or allow its employees to engage in dishonest acts or fraudulent activity in connection with or in association with the Company’s business. For purposes of this policy, the definition of a dishonest act or fraudulent activity includes but is not limited to:

1. An intentional or deliberate act to deprive the Company or any person of something of value, or to gain an unfair benefit using deception, false suggestions, suppression of truth, or other unfair means which are believed and relied upon.
2. A dishonest act or fraudulent activity may be, but is not limited to, an intentional act or activity that is unethical, improper, or illegal such as:
  - a. Embezzlement;
  - b. Misappropriation, misapplication, destruction, removal, or concealment of property;
  - c. Alteration or falsification of paper or electronic documents, including the inappropriate destruction of paper or electronic documents;
  - d. False claims and/or misrepresentation of facts;
  - e. Theft of an asset, including, but not limited to, money, tangible property, trade secrets or intellectual property;

Harassment

Contractor shall not permit sexual advances, actions, comments, or any other conduct that creates an intimidating or otherwise offensive work environment on Company property or any site where Contractor is performing activity for or on behalf of Company. Further, Contractor shall not permit the use of racial and religious slurs, or any other conduct that breeds an offensive work environment, on Company property or any site where Contractor is performing activity for or on behalf of Company.

Drugs and Alcohol

Contractor shall not allow any employee to perform services for or on behalf of Company while under the influence of drugs or alcohol. Contractor shall maintain a drug and alcohol testing program meeting all applicable federal, state and local laws, regulations and ordinances and meeting or exceeding any and all standards stated in any contract with Company or any document incorporated in such a contract.

Contract No.: 131093

Misuse of Company Assets

No funds or assets of the Company may be used or paid for any unlawful or improper purpose. A Contractor's employees shall not have access to any Company computers unless the contract between such Contractor and the Company expressly provides for such access in writing.

Reporting of Violations

In the event Contractor learns of any violation of this Code, Contractor shall immediately report such violation to Company's Director, Compliance and Ethics at (502) 627-2648.

Contract No.: 131093

**Exhibit No. 3  
Billing Rates**

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

**BILLING RATES**

**EFFECTIVE DECEMBER 30, 2017\***

<u>Personnel</u>	<u>Hourly Rate</u>
<b>SUPERVISORY STAFF</b>	
W. M. Stout, Principal Consultant	\$300.00
P. R. Herbert, Chairman and President	265.00
J. J. Spanos, Senior Vice President and Treasurer	260.00
C. R. Clarke, Director, Western U.S. Services	255.00
H. Walker, III, Manager, Financial Studies	235.00
J. F. Wiedmayer, Jr., Project Manager, Depreciation	210.00
C. E. Heppenstall, Project Manager, Rate Studies	185.00
N. W. Allis, Project Manager, Depreciation & Technical Development	185.00
<b>STAFF</b>	
Analysts and Engineers	170.00
Associate Analysts and Engineers	160.00
Assistant Analysts and Engineers	145.00
Senior Technicians	110.00
Support Staff	110.00

\*Billing rates are subject to review and possible revision effective December 29, 2018



**Heichelbech, Nicholas**

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**From:** Whitaker, Sherrie  
**Sent:** Thursday, March 01, 2018 1:39 PM  
**To:** 'Rutter, Cheryl A.'; Wiseman, Sara  
**Cc:** Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract Draft  
**Attachments:** FINAL - Gannett Fleming Contract No. 131093.pdf

Good Afternoon Cheryl,

Please find attached the final version (with tracked changes accepted) for execution.



Sherrie Whitaker  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [mailto:crutter@GFNET.com]  
**Sent:** Wednesday, February 28, 2018 2:08 PM  
**To:** Whitaker, Sherrie ; Wiseman, Sara  
**Cc:** Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good afternoon, Ladies....

See attached document which contains our "Tracked" changes.

Please advise if you have any questions, etc.

Thank you and have a pleasant day.

Cheryl

Cheryll Ann Rutter, CPS - Administrator  
Gannett Fleming Valuation and Rate Consultants, LLC  
Mailing Address: P.O. Box 67100, Harrisburg, PA 17106-7100  
Physical Address: 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
**Excellence Delivered As Promised**  
Gannett Fleming is ISO 9001:2008 Certified.  
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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 10:53 AM  
**To:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Morning Cheryl,

Please see attached draft with corrections made to Exhibit No. 3, Billing Rates.

**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Monday, February 26, 2018 10:29 AM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** FW: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie....

A quick glance of the document shows that there are "inconsistencies" in Exhibit No. 3, Billing Rates.....this is not an exact replication of the document that I sent to you on February 22, 2018 (a copy of which I have attached to this email). Please update.

We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator

**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)

*Excellence Delivered As Promised*

**Gannett Fleming is ISO 9001:2008 Certified.**

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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Cc:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** LG&E and KU Services Company Contract Draft

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[lge-ku.com](http://lge-ku.com)

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----- The information contained in this transmission is intended only for the person or entity to which it is directly addressed or copied. It may contain material of confidential and/or private nature. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is not allowed. If you received this message and the information contained therein by error, please contact the sender and delete the material from your/any storage medium.

Contract No.: 131093

**LG&E and KU Services Company  
CONTRACT NO. 131093**

This Contract ("Contract") is entered into this 26th Day of February 2018 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor" or "Gannett Fleming") whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the terms of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.

1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.

1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.

1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.

1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.

1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: **Depreciation Study of the electric steam plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony** as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No.: 131093

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare an update to the December 31, 2015 depreciation study previously provided by Gannett Fleming for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis/update of all depreciable electric steam, plant in service as of December 31, 2017 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2017. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed and submitted to the Manager of Property Accounting no later than April 27, 2018. The results of the depreciation update study shall be delivered by May 31, 2017 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.

### 3.0 EXHIBITS

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

### 4.0 TERM

This Contract shall become effective February 26, 2018 and continue until June 30, 2019, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

### 5.0 PERFORMANCE SCHEDULE

- 5.1 Contractor shall commence performance of the work on or about February 26, 2018 and shall complete work no later than June 30, 2019 or until all related testimony is complete.

Contract No.: 131093

- 5.2 The Company's engagement is with the firm Gannett Fleming and not with a specific member or employee of Gannett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by Ned W. Allis, Project Manager, Depreciation & Technical Development. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, Ned Allis will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement; Subcontracting, of the ASA.

#### 6.0 ADMINISTRATIVE SERVICES AGREEMENT

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

#### 7.0 COMPENSATION

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). **The overall estimated Contract Price for the two (2) depreciation study updates is \$35,000 - \$40,000.** This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting Sherrie Whitaker, Sourcing Lead at [sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com). Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.

Contract No.: 131093

7.3 The Contract Price excludes charges for work subsequent to the completion of the final reports and such work in connection with a proceeding before a regulatory body. Should these costs occur, they shall be based upon the billing rates in effect at the time the work is performed. All subsequent work or Services require prior written approval from the Company.

7.4 SPECIAL INVOICING INSTRUCTIONS

Invoices, one original per month along with any supporting documentation and containing Contract Number 131093, shall be mailed to the attention of:

LG&E and KU Services Company  
Attn: Manager of Property Accounting  
P.O. Box 32010  
Louisville, KY 40232

Or via email to: [sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

Invoice payment terms are NET 30.

**8.0 CONTRACTUAL NOTICES**

All notices and communications regarding this Contract shall be in writing, shall be identified by the Contract number and shall be addressed as follows (which address either party may change upon five (5) days prior notice to the other party):

8.1 Company address: LG&E and KU Services Company  
PO Box 32020  
Louisville, Kentucky 40232  
Attention: Sherrie Whitaker  
(502) 627-4325  
[sherrie.whitaker@lge-ku.com](mailto:sherrie.whitaker@lge-ku.com)

Copy To: LG&E and KU Services Company  
PO Box 32010  
Louisville, Kentucky 40232  
Attention: Sara Wiseman  
(502) 627-3189  
[sara.wiseman@lge-ku.com](mailto:sara.wiseman@lge-ku.com)

8.2 Contractor's Address: Gamett Fleming Valuation and Rate Consultants, LLC  
PO Box 67100  
Harrisburg, Pennsylvania 17106  
Attention: Cheryl Rutter, Administrator  
(717) 763-7211 x2283  
(717) 763-4590 Fax  
[crutter@gfnet.com](mailto:crutter@gfnet.com)

Contract No.: 131093

**9.0 USE AND DISCLOSURE OF INFORMATION**

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employers, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

**10.0 ENTIRE AGREEMENT**

This Contract, including the ASA and all exhibits listed within this Contract, constitutes the entire agreement between the parties relating to the Services and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Services or this Contract.

The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

**LG&E AND KU SERVICES COMPANY**

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

**GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC**

BY: John J. Spanos John J. Spanos  
TITLE: Senior Vice President  
DATE: March 1, 2018



Contract No.: 131093

**Exhibit No. 1  
Scope of Services**

The depreciation study update will include seven (7) major tasks up to the date of filing with the respective regulatory commissions. Upon the filing of the depreciation study update, Contractor will prepare testimony and respond to any data requests from commission staffs. The following scope of services sets forth the depreciation study work plan.

Task 1 - Data Assembly and Review

Contractor will prepare a written data requirement list for Company personnel to use in assembling the needed data for the study. The list will specify the data to be obtained for each plant account and the manner in which the data are to be transmitted to the Contractor. The required data will be through December 2017 and may include forecasted periods in order to update from the previous study.

The assembled data will be reviewed by the Contractor staff and a "post audit" computer program for control and logic. Irregular or unusual entries will be identified and reviewed with the Company personnel to determine their circumstances and whether they require adjustment. Large retirements also will be identified and explanations as to the cause of such retirements will be requested.

Task 2 - Statistical Analyses of Data

The data assembled and reviewed in Task 1 will be analyzed by the Contractor for historical indications of service life using the retirement rate method.

Trends in average service life and survivor curve shape will be identified by the Contractor through the use of experience band analyses with the retirement rate model. Experience bands will identify the impact of economic and technological cycles on the service life of property groups. The selection of the bands for analysis will be based on a review of annual addition and retirement levels, a multiple original group life table, and preliminary discussions with operating management related to changes in materials used in construction, changes in installed technology and major retirement programs.

Annual gross salvage and cost of removal will be expressed by the Contractor as percent's of the related retirements for all accounts, as appropriate. Moving averages will be used to smooth the annual fluctuations.

Task 3 - Management Conferences

The Contractor will meet in person or via conference call with appropriate Company personnel to obtain additional information related to the outlook for the property. The results of the statistical analyses conducted in Task 2, the typical range of lives and salvage used in the industry, and Contractor's general experience, will be reviewed with these Company personnel as a basis for forecasting future survivor and net salvage characteristics. The discussion will focus on the past forces of retirement which produced the historical indications and the extent to which future forces

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such as economic, technological, physical and environmental will result in future lives and net salvage values that differ from the past. A forecast plan for all generating facilities will be discussed.

Task 4 - Preliminary Service Life and Net Salvage Estimates

Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

Task 5 - Presentation to Management

The results of the depreciation calculations and the bases for such calculations will be presented by the Contractor to the Company management to insure that the results are in accordance with the Company management's capital recovery policies and outlook.

Task 6 - Final Estimates and Calculations

Final calculations of depreciation accrual rates and reserves by account will be performed by the Contractor in order to reflect appropriate modifications as determined during the review with the Company management.

Task 7 - Draft and Final Report

A draft report will be prepared by the Contractor for review by the Company's management. The report will include an introduction, a description of the methods used in the statistical analyses and depreciation calculations, a narrative discussion of the factors considered in the estimation of service life and net salvage including the content of the account, the statistical support for the estimates, and the summary and detailed tabulations of depreciation by account. After review, comment and discussion, a final report will be prepared by the Contractor and submitted to the Company's management.

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**Exhibit No. 2  
Contractor Code of Business Conduct**

This LG&E and KU Services Company (a Kentucky corporation) Contractor Code of Business Conduct ("Code") is incorporated by reference into the General Service Agreement or other agreement between you as the contractor ("Contractor") and LG&E and KU Services Company and/or one of its affiliates Kentucky Utilities Company, and Louisville Gas and Electric Company (collectively the "Company"). This Code sets minimum standards for Contractor's conduct in the areas addressed. Contracts between Company and Contractor may provide for standards exceeding the standards of this code.

Observance of Laws

Contractor shall fully comply with the provisions of all federal, state and local laws, regulations and ordinances applicable to its activities performed for the Company or any goods or services provided to or on behalf of the Company, including without limitation, all applicable laws, regulations and ordinances pertaining to occupational health and safety and environmental protection.

Bribes and Kickbacks

Contractor may not under any circumstances accept or pay bribes, kickbacks or other similar compensation or consideration in any way relating to the Company or any activity for or on behalf of the Company.

Dishonest and Fraudulent Activity

Contractor shall not engage in or allow its employees to engage in dishonest acts or fraudulent activity in connection with or in association with the Company's business. For purposes of this policy, the definition of a dishonest act or fraudulent activity includes but is not limited to:

1. An intentional or deliberate act to deprive the Company or any person of something of value, or to gain an unfair benefit using deception, false suggestions, suppression of truth, or other unfair means which are believed and relied upon.
2. A dishonest act or fraudulent activity may be, but is not limited to, an intentional act or activity that is unethical, improper, or illegal such as:
  - a. Embezzlement;
  - b. Misappropriation, misapplication, destruction, removal, or concealment of property;
  - c. Alteration or falsification of paper or electronic documents, including the inappropriate destruction of paper or electronic documents;
  - d. False claims and/or misrepresentation of facts;
  - e. Theft of an asset, including, but not limited to, money, tangible property, trade secrets or intellectual property;

Harassment

Contractor shall not permit sexual advances, actions, comments, or any other conduct that creates an intimidating or otherwise offensive work environment on Company property or any site where Contractor is performing activity for or on behalf of Company. Further, Contractor shall not permit the use of racial and religious slurs, or any other conduct that breeds an offensive work environment, on Company property or any site where Contractor is performing activity for or on behalf of Company.

Drugs and Alcohol

Contractor shall not allow any employee to perform services for or on behalf of Company while under the influence of drugs or alcohol. Contractor shall maintain a drug and alcohol testing program meeting all applicable federal, state and local laws, regulations and ordinances and meeting or exceeding any and all standards stated in any contract with Company or any document incorporated in such a contract.

Contract No.: 131093

Misuse of Company Assets

No funds or assets of the Company may be used or paid for any unlawful or improper purpose. A Contractor's employees shall not have access to any Company computers unless the contract between such Contractor and the Company expressly provides for such access in writing.

Reporting of Violations

In the event Contractor learns of any violation of this Code, Contractor shall immediately report such violation to Company's Director, Compliance and Ethics at (502) 627-2648.

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Exhibit No. 3  
Billing Rates

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

BILLING RATES

EFFECTIVE DECEMBER 30, 2017\*

<u>Personnel</u>	<u>Hourly Rate</u>
SUPERVISORY STAFF	
W. M. Stout, Principal Consultant	\$300.00
P. R. Herbert, Chairman and President	265.00
J. J. Spanos, Senior Vice President and Treasurer	260.00
C. R. Clarke, Director, Western U.S. Services	255.00
H. Walker, III, Manager, Financial Studies	235.00
J. F. Wiedmayer, Jr., Project Manager, Depreciation	210.00
C. E. Heppenstall, Project Manager, Rate Studies	185.00
N. W. Allis, Project Manager, Depreciation & Technical Development	185.00
STAFF	
Analysts and Engineers	170.00
Associate Analysts and Engineers	160.00
Assistant Analysts and Engineers	145.00
Senior Technicians	110.00
Support Staff	110.00

\*Billing rates are subject to review and possible revision effective December 29, 2018

**Heichelbech, Nicholas**

---

**From:** Rutter, Cheryl A. <crutter@GFNET.com>  
**Sent:** Friday, March 02, 2018 7:49 AM  
**To:** Whitaker, Sherrie  
**Cc:** Wiseman, Sara; Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract - ACTION REQUESTED  
**Attachments:** FINAL - Gannett Fleming Contract No. 131093-GFVRC Executed.pdf

**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie.....

Attached is a copy of the above-referenced contract which has been executed on behalf of Gannett Fleming Valuation and Rate Consultants, LLC.

Once it has been signed on behalf of LG&E and KU, please either scan and email me a copy of the signature page (Page 5)....or the entire contract.....whichever is most convenient for you.

Thank you , and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)

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**Gannett Fleming is ISO 9001:2008 Certified.**

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**From:** Whitaker, Sherrie [mailto:Sherrie.Whitaker@lge-ku.com]  
**Sent:** Thursday, March 1, 2018 1:39 PM  
**To:** Rutter, Cheryl A. ; Wiseman, Sara  
**Cc:** Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Afternoon Cheryl,

Please find attached the final version (with tracked changes accepted) for execution.

-----

**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Wednesday, February 28, 2018 2:08 PM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good afternoon, Ladies...

See attached document which contains our "Tracked" changes.

Please advise if you have any questions, etc.

Thank you and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)

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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 10:53 AM  
**To:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Morning Cheryl,

Please see attached draft with corrections made to Exhibit No. 3, Billing Rates.

**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Monday, February 26, 2018 10:29 AM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** FW: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie....

A quick glance of the document shows that there are "inconsistencies" in Exhibit No. 3, Billing Rates.....this is not an exact replication of the document that I sent to you on February 22, 2018 (a copy of which I have attached to this email). Please update.

We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Cc:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** LG&E and KU Services Company Contract Draft

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[lge-ku.com](http://lge-ku.com)

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----- The information contained in this transmission is intended only for the person or entity to which it is directly addressed or copied. It may contain material of confidential and/or private nature. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is not allowed. If you received this message and the information contained therein by error, please contact the sender and delete the material from your/any storage medium.

Contract No.: 131093

LG&E and KU Services Company  
CONTRACT NO. 131093

This Contract ("Contract") is entered into this 26th Day of February 2018 (the "Effective Date") by and between LG&E and KU Services Company, a Kentucky corporation ("Company") whose address is 220 West Main Street, Louisville, Kentucky 40202 and Gannett Fleming Valuation and Rate Consultants, LLC, a Pennsylvania Limited Liability Company ("Contractor" or "Gannett Fleming") whose primary address is 207 Senate Avenue, Camp Hill, Pennsylvania 17011.

WHEREAS, Contractor desires the opportunity to provide services to Company and its Affiliates during the terms of this Contract and Company and its Affiliates desire the opportunity to engage Contractor to provide such services; and

WHEREAS, the parties intend that this Contract sets forth the exclusive set of terms and conditions which shall govern the performance of the "Services" (as defined below) by Contractor for Company should Company engage Contractor to provide the Services.

NOW THEREFORE, in consideration of the premises, the mutual covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do agree as follows:

**1.0 DEFINITIONS**

1.01 **Agreement:** "Agreement" shall mean this Contract, along with any attachments or specifications issued by Company or executed by the parties in accordance with Article 2, or other agreed collateral document pursuant to which the Service is to be delivered.

1.02 **Applicable Laws:** "Applicable Laws" shall mean any and all applicable federal, state, or local laws, regulations, codes, ordinances, administrative rules, court orders, permits or executive orders.

1.03 **Contractor:** "Contractor" shall mean the entity designated as the "Contractor" in the opening paragraph of this Contract.

1.04 **Company:** "Company" shall mean LG&E and KU Services Company as a party to this agreement.

1.05 **Affiliate:** "Affiliate" shall mean any entity which, from time to time, in whole or in part, and directly or indirectly, controls, is controlled by, or under common control with LG&E and KU Services Company and shall include, without limitation, Louisville Gas and Electric Company and Kentucky Utilities Company, both Kentucky corporations.

1.06 **Services:** "Services" shall mean the services to be provided within the terms of this Agreement as defined within the body of this Contract.

**2.0 DESCRIPTION OF SERVICES**

Contractor shall provide the following: Depreciation Study of the electric steam plant of Louisville Gas and Electric and Kentucky Utilities and providing expert testimony as more specifically defined within the articles of Section 2.0 and hereinafter referred to as the Services, under the terms and conditions hereof.

2.1 The Work shall include, but not be limited to the articles listed below. *Contractor shall provide all labor, supervision, materials, equipment, tools and shall pay all expenses, necessary or appropriate to provide the Services.*

Contract No.: 151093

2.2 In performance of the Services, Contractor shall:

- 2.2.1 Prepare an update to the December 31, 2015 depreciation study previously provided by Gannett Fleming for Company's utility subsidiaries in accordance with the specification within Exhibit No. 1, Scope of Services, attached hereto and incorporated herein by reference. The services to be performed shall include detailed analysis/update of all depreciable electric steam plant in service as of December 31, 2017 and the associated historical mortality experience. Upon request of Company management, the study may also include data from forecasted periods.
- 2.2.2 Louisville Gas and Electric and Kentucky Utilities remain separate legal entities subject to the jurisdiction of the Kentucky Public Service Commission (KY PSC), the Federal Energy Commission (FERC) and the State Corporate Commission of Virginia (SCC VA). Therefore, the study must include a separate analysis of the depreciation rates for each utility.
- 2.2.3 The study shall be conducted in accordance with all Generally Accepted Accounting Principles and regulatory requirements. This study is to be based on plants in service as of December 31, 2017. Additionally, the study may also include data from forecasted periods, as directed by Company management. A preliminary review document shall be completed and submitted to the Manager of Property Accounting no later than April 27, 2018. The results of the depreciation update study shall be delivered by May 31, 2017 with any and all necessary findings. All information obtained before, during and after the depreciation study shall be held in strict confidence and shall be released only by written request from the Company's Manager of Property Accounting.

3.0 EXHIBITS

All Services shall be performed in strict accordance with the following specifications, exhibits and drawings which are incorporated herein by reference.

<u>Exhibit No.</u>	<u>Title</u>
Exhibit No. 1	Scope of Services
Exhibit No. 2	Contractor Code of Business Conduct
Exhibit No. 3	Billing Rates

4.0 TERM

This Contract shall become effective February 26, 2018 and continue until June 30, 2019, or until such time as any related testimony is complete. This Contract is subject to Article 18, Term and Termination of the fully executed ASA between both parties. Company makes no promise or guarantee as to the amount of Services to be performed under this Agreement nor does it convey an exclusive right to the Contractor to perform Services of the type or nature set forth within this Agreement. Either party may terminate this contract upon thirty (30) days written notice to the other party.

5.0 PERFORMANCE SCHEDULE

5.1 Contractor shall commence performance of the work on or about February 26, 2018 and shall complete work no later than June 30, 2019 or until all related testimony is complete.

Contract No.: 331093

- 5.2 The Company's engagement is with the firm Gannett Fleming and not with a specific member or employee of Gannett Fleming. The depreciation study for the Company will be conducted under the supervision of John J. Spanos, Senior Vice President and Treasurer. Quality assurance of the study will be provided by Ned W. Allis, Project Manager, Depreciation & Technical Development. To the extent the Companies are required to present testimony in support of the approval of the depreciation study before state or federal regulators, Ned Allis will provide quality assurance in the preparation of the testimony by Mr. Spanos and will be available for review of and comment on testimony or written comments submitted by persons in opposition to the depreciation study.
- 5.3 Contractor shall notify Company's representative at least one (1) full working day prior to working on Company property for work that will occur on any Saturday, Sunday or Company holiday. Failure to notify the Company properly will result in loss of payment for work conducted during this period.
- 5.4 Contractor shall not assign nor subcontract out any material portion of the Services except under extenuating circumstances, which requires advanced written approval by the Company. Contractor shall notify Company of its intent to use subcontractors in performance of the Services at least forty-eight (48) hours in advance of start of the work. Subcontractors will be denied access to Company facilities without the required notification and approval. Refer to article 16, Assignment of Agreement: Subcontracting, of the ASA.

**6.0 ADMINISTRATIVE SERVICES AGREEMENT**

The terms and conditions set forth in the Administrative Services Agreement ("ASA") signed and executed on May 25, 2011, are hereby incorporated by reference as fully set forth herein. In the event of a conflict between the terms and conditions of the ASA and those of this Contract, the terms and conditions of the Contract shall prevail.

**7.0 COMPENSATION**

- 7.1 Full compensation to Contractor for full and complete performance by Contractor of the Services, compliance with all terms and conditions of this Agreement and for Contractor's payment of all obligations incurred in, or applicable to, performance of the Services (hereinafter referred to as the "Contract Price") shall be determined in accordance with the unit prices as outlined within Exhibit No. 3, Billing Rates, plus reimbursement for direct actual expenses at cost (with a copy of the receipt). The overall estimated Contract Price for the two (2) depreciation study updates is \$35,000 - \$40,000. This estimate and the actual Contract Price shall be based upon the billing rates detailed within Exhibit No. 3, Billing Rates, attached hereto and incorporated herein by reference.
- 7.2 Company agrees to reimburse Contractor for travel expenses required in overnight travel, including lodging and meals; at actual costs, as verified by actual receipts. Mileage will be reimbursed at current IRS reimbursable rate. Lodging will be capped at a maximum daily rate of \$200 per person (unless prior written approval is provided by Company). A list of local area hotels offering a discounted rate to Company's Contractors can be obtained by contacting Sherrie Whitaker, Sourcing Lead at [sherrie.whitaker@garrett.com](mailto:sherrie.whitaker@garrett.com). Air travel will only be reimbursed for Coach Class. Contractor is encouraged to exercise the most cost effective manner when reserving lodging and air fare.

Contract No.: 131093

7.3 The Contract Price excludes charges for work subsequent to the completion of the final reports and such work in connection with a proceeding before a regulatory body. Should these costs occur, they shall be based upon the billing rates in effect at the time the work is performed. All subsequent work or Services require prior written approval from the Company.

7.4 SPECIAL INVOICING INSTRUCTIONS

Invoices, one original per month along with any supporting documentation and containing Contract Number 131093, shall be mailed to the attention of:

LG&E and KU Services Company  
Attn: Manager of Property Accounting  
P.O. Box 32010  
Louisville, KY 40232

Or via email to: ~~ser.wiseman@lg&e.com~~

Invoice payment terms are NET 30.

8.0 CONTRACTUAL NOTICES

All notices and communications regarding this Contract shall be in writing, shall be identified by the Contract number and shall be addressed as follows (which address either party may change upon five (5) days prior notice to the other party):

8.1 Company address: LG&E and KU Services Company  
PO Box 32020  
Louisville, Kentucky 40232  
Attention: Sherrie Whitaker  
(502) 627-4325  
~~ser.wiseman@lg&e.com~~

Copy To: LG&E and KU Services Company  
PO Box 32010  
Louisville, Kentucky 40232  
Attention: Sara Wiseman  
(502) 627-3189  
~~ser.wiseman@lg&e.com~~

8.2 Contractor's Address: Gannett Fleming Valuation and Rate Consultants, LLC  
PO Box 67100  
Harrisburg, Pennsylvania 17106  
Attention: Cheryl Rutter, Administrator  
(717) 763-7211 x2283  
(717) 763-4590 Fax  
~~cheryl.rutter@gf.com~~

Contract No. 151853

9.0 USE AND DISCLOSURE OF INFORMATION

- 9.1 All information and data provided by or owned by the Company, including all specifications, data, notes, programs or documentation, or other technical or business information in written, graphic or other forms furnished or revealed by the Company to Contractor or any of its affiliates, associates, employees, agents, representatives or subcontractors is deemed to be confidential.
- 9.2 Contractor agrees, regarding all Company confidential information, to use such confidential information solely in performing the Services. Contractor further agrees to keep in confidence and prevent disclosures to any persons or organizations outside of its own organization, or to any person within its own organization not having a need to know, all Company confidential information.
- 9.3 Contractor agrees not to publish, publicize, or advertise the existence of this Contract or the subject matter of it or in any way associate the Company with it. Contractor shall not without the prior written consent of the Company, make any public announcement, issue any press release, make any statement to any third party, or make or authorize the publication of any article, either externally or internally, which identifies, relates to or otherwise gives publicly to any agreement between the Company and the Contractor.

10.0 ENTIRE AGREEMENT

This Contract, including the ASA and all exhibits listed within this Contract, constitutes the entire agreement between the parties relating to the Services and supersedes all prior or contemporaneous oral or written agreements, negotiations, understandings and statements pertaining to the Services or this Contract.

The parties hereto have executed this Contract on the dates written below, but it is effective as of the date first written above.

IG&E AND KU SERVICES COMPANY

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

BY: \_\_\_\_\_ John J. Spanos \_\_\_\_\_  
TITLE: Senior Vice President  
DATE: March 1, 2015 \_\_\_\_\_

Contract No.: E51493

Exhibit No. 1  
Scope of Services

The depreciation study update will include seven (7) major tasks up to the date of filing with the respective regulatory commissions. Upon the filing of the depreciation study update, Contractor will prepare testimony and respond to any data requests from commission staffs. The following scope of services sets forth the depreciation study work plan.

Task 1 - Data Assembly and Review

Contractor will prepare a written data requirement list for Company personnel to use in assembling the needed data for the study. The list will specify the data to be obtained for each plant account and the manner in which the data are to be transmitted to the Contractor. The required data will be through December 2017 and may include forecasted periods in order to update from the previous study.

The assembled data will be reviewed by the Contractor staff and a "post audit" computer program for control and logic. Irregular or unusual entries will be identified and reviewed with the Company personnel to determine their circumstances and whether they require adjustment. Large retirements also will be identified and explanations as to the cause of such retirements will be requested.

Task 2 - Statistical Analyses of Data

The data assembled and reviewed in Task 1 will be analyzed by the Contractor for historical indications of service life using the retirement rate method.

Trends in average service life and survivor curve shape will be identified by the Contractor through the use of experience band analyses with the retirement rate model. Experience bands will identify the impact of economic and technological cycles on the service life of property groups. The selection of the bands for analysis will be based on a review of annual addition and retirement levels, a multiple original group life table, and preliminary discussions with operating management related to changes in materials used in construction, changes in installed technology and major retirement programs.

Annual gross salvage and cost of removal will be expressed by the Contractor as percent's of the related retirements for all accounts, as appropriate. Moving averages will be used to smooth the annual fluctuations.

Task 3 - Management Conferences

The Contractor will meet in person or via conference call with appropriate Company personnel to obtain additional information related to the outlook for the property. The results of the statistical analyses conducted in Task 2, the typical range of lives and salvage used in the industry, and Contractor's general experience, will be reviewed with these Company personnel as a basis for forecasting future survivor and net salvage characteristics. The discussion will focus on the past forces of retirement which produced the historical indications and the extent to which future forces

Contract No.: 131093

such as economic, technological, physical and environmental will result in future lives and net salvage values that differ from the past. A forecast plan for all generating facilities will be discussed.

Task 4 - Preliminary Service Life and Net Salvage Estimates

Preliminary estimates of average service lives, type survivor curves and net salvage percents will be made by Contractor on the basis of the statistical analyses, observed conditions at the time of the field review, the discussions with the Company management related to outlook and the typical range of lives used in the electric and gas utility industries. Calculations of annual and accrued depreciation will be performed. The calculations may include scenarios that realign plant assets and the accumulated depreciation based on procedures.

Task 5 - Presentation to Management

The results of the depreciation calculations and the bases for such calculations will be presented by the Contractor to the Company management to insure that the results are in accordance with the Company management's capital recovery policies and outlook.

Task 6 - Final Estimates and Calculations

Final calculations of depreciation accrual rates and reserves by account will be performed by the Contractor in order to reflect appropriate modifications as determined during the review with the Company management.

Task 7 - Draft and Final Report

A draft report will be prepared by the Contractor for review by the Company's management. The report will include an introduction, a description of the methods used in the statistical analyses and depreciation calculations, a narrative discussion of the factors considered in the estimation of service life and net salvage including the content of the account, the statistical support for the estimates, and the summary and detailed tabulations of depreciation by account. After review, comment and discussion, a final report will be prepared by the Contractor and submitted to the Company's management.



Contract No. 151093

Exhibit No. 2  
Contractor Code of Business Conduct

This LG&E and KU Services Company (a Kentucky corporation) Contractor Code of Business Conduct ("Code") is incorporated by reference into the General Service Agreement or other agreement between you as the contractor ("Contractor") and LG&E and KU Services Company and/or one of its affiliates Kentucky Utilities Company, and Louisville Gas and Electric Company (collectively the "Company"). This Code sets minimum standards for Contractor's conduct in the areas addressed. Contracts between Company and Contractor may provide for standards exceeding the standards of this code.

Observance of Laws

Contractor shall fully comply with the provisions of all federal, state and local laws, regulations and ordinances applicable to its activities performed for the Company or any goods or services provided to or on behalf of the Company, including without limitation, all applicable laws, regulations and ordinances pertaining to occupational health and safety and environmental protection.

Bribes and Kickbacks

Contractor may not under any circumstances accept or pay bribes, kickbacks or other similar compensation or consideration in any way relating to the Company or any activity for or on behalf of the Company.

Dishonest and Fraudulent Activity

Contractor shall not engage in or allow its employees to engage in dishonest acts or fraudulent activity in connection with or in association with the Company's business. For purposes of this policy, the definition of a dishonest act or fraudulent activity includes but is not limited to:

1. An intentional or deliberate act to deprive the Company or any person of something of value, or to gain an unfair benefit using deception, false suggestions, suppression of truth, or other unfair means which are believed and relied upon.
2. A dishonest act or fraudulent activity may be, but is not limited to, an intentional act or activity that is unethical, improper, or illegal such as:
  - a. Embezzlement;
  - b. Misappropriation, misapplication, destruction, removal, or concealment of property;
  - c. Alteration or falsification of paper or electronic documents, including the inappropriate destruction of paper or electronic documents;
  - d. False claims and/or misrepresentation of facts;
  - e. Theft of an asset, including, but not limited to, money, tangible property, trade secrets or intellectual property;

Harassment

Contractor shall not permit sexual advances, actions, comments, or any other conduct that creates an intimidating or otherwise offensive work environment on Company property or any site where Contractor is performing activity for or on behalf of Company. Further, Contractor shall not permit the use of racial and religious slurs, or any other conduct that breeds an offensive work environment, on Company property or any site where Contractor is performing activity for or on behalf of Company.

Drugs and Alcohol

Contractor shall not allow any employee to perform services for or on behalf of Company while under the influence of drugs or alcohol. Contractor shall maintain a drug and alcohol testing program meeting all applicable federal, state and local laws, regulations and ordinances and meeting or exceeding any and all standards stated in any contract with Company or any document incorporated in such a contract.

Contract No.: 131055

Misuse of Company Assets

No funds or assets of the Company may be used or paid for any unlawful or improper purpose. Contractor's employees shall not have access to any Company computers unless the contract between such Contractor and the Company expressly provides for such access in writing.

Reporting of Violations

In the event Contractor learns of any violation of this Code, Contractor shall immediately report such violation to Company's Director, Compliance and Ethics at (502) 627-2648.

Contract No.: 151033

Exhibit No. 3  
Billing Rates

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

BILLING RATES

EFFECTIVE DECEMBER 30, 2017\*

<u>Personnel</u>	<u>Hourly Rate</u>
SUPERVISORY STAFF	
W. M. Stout, Principal Consultant	\$300.00
P. R. Herbert, Chairman and President	265.00
J. J. Spanos, Senior Vice President and Treasurer	260.00
C. R. Clarke, Director, Western U.S. Services	255.00
H. Walker, III, Manager, Financial Studies	235.00
J. F. Wiedmayer, Jr., Project Manager, Depreciation	210.00
C. E. Heppenstall, Project Manager, Rate Studies	185.00
N. W. Allis, Project Manager, Depreciation & Technical Development	165.00
STAFF	
Analysts and Engineers	170.00
Associate Analysts and Engineers	160.00
Assistant Analysts and Engineers	145.00
Senior Technicians	110.00
Support Staff	110.00

\*Billing rates are subject to review and possible revision effective December 29, 2016

**Heichelbech, Nicholas**

---

**From:** Whitaker, Sherrie  
**Sent:** Friday, March 02, 2018 3:15 PM  
**To:** 'Rutter, Cheryl A.'  
**Cc:** Wiseman, Sara; Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract - ACTION REQUESTED  
**Attachments:** FINAL - Gannett Fleming Contract No. 131093 (fully executed).pdf

Good Afternoon Cheryl,

Please find attached your copy of the fully executed agreement.

*of course!*

Sherrie Whitaker

Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [mailto:crutter@GFNET.com]  
**Sent:** Friday, March 02, 2018 7:49 AM  
**To:** Whitaker, Sherrie  
**Cc:** Wiseman, Sara ; Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract - ACTION REQUESTED  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie.....

Attached is a copy of the above-referenced contract which has been executed on behalf of Gannett Fleming Valuation and Rate Consultants, LLC.

Once it has been signed on behalf of LG&E and KU, please either scan and email me a copy of the signature page (Page 5)....or the entire contract....whichever is most convenient for you.

Thank you , and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
**t** 717.763.7211 x2283 | **f** 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
***Excellence Delivered As Promised***  
**Gannett Fleming is ISO 9001:2008 Certified.**  
[www.gannettfleming.com](http://www.gannettfleming.com) | Stay connected: [Twitter](#) | [Facebook](#) | [LinkedIn](#) | [YouTube](#)

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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Thursday, March 1, 2018 1:39 PM  
**To:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Afternoon Cheryl,

Please find attached the final version (with tracked changes accepted) for execution.



**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Wednesday, February 28, 2018 2:08 PM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good afternoon, Ladies....

See attached document which contains our "Tracked" changes.

Please advise if you have any questions, etc.

Thank you and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
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[www.gannettfleming.com](http://www.gannettfleming.com) Stay connected: [Twitter](#) | [Facebook](#) | [LinkedIn](#) | [YouTube](#)

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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 10:53 AM  
**To:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Morning Cheryl,

Please see attached draft with corrections made to Exhibit No. 3, Billing Rates.

**Sherrie Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Monday, February 26, 2018 10:29 AM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** FW: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie....

A quick glance of the document shows that there are "inconsistencies" in Exhibit No. 3, Billing Rates.....this is not an exact replication of the document that I sent to you on February 22, 2018 (a copy of which I have attached to this email). Please update.

We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Cc:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** LG&E and KU Services Company Contract Draft

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**  
Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
**O:** 502.627.4325 | **F:** 502.217.2008  
[lge-ku.com](http://lge-ku.com)

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**Heichelbech, Nicholas**

---

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**Sent:** Friday, March 02, 2018 3:17 PM  
**To:** Whitaker, Sherrie  
**Cc:** Wiseman, Sara; Spanos, John J.  
**Subject:** RE: LG&E and KU Services Company Contract - ACTION REQUESTED

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Thanks much, Sherrie.

Cheryl

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**Sent:** Friday, March 2, 2018 3:15 PM  
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**Cc:** Wiseman, Sara ; Spanos, John J.  
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Sherrie Whitaker  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

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Once it has been signed on behalf of LG&E and KU, please either scan and email me a copy of the signature page (Page 5).....or the entire contract.....whichever is most convenient for you.

Thank you , and have a pleasant day.

Cheryl

---

**Cheryl Ann Rutter, CPS | Administrator**  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
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**Subject:** RE: LG&E and KU Services Company Contract Draft

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**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
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Please advise if you have any questions, etc.

Thank you and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS | Administrator**  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
**t** 717.763.7211 x2283 | **f** 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
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**From:** Whitaker, Sherrie [<mailto:Sherrie.Whitaker@lge-ku.com>]  
**Sent:** Monday, February 26, 2018 10:53 AM  
**To:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>  
**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** RE: LG&E and KU Services Company Contract Draft

Good Morning Cheryl,

Please see attached draft with corrections made to Exhibit No. 3, Billing Rates.

Sherrie Whitaker  
Sourcing Leader | Supply Chain | LG&E and KU  
O: 502-627-4325 | F: 502-217-2008

**From:** Rutter, Cheryl A. [<mailto:crutter@GFNET.com>]  
**Sent:** Monday, February 26, 2018 10:29 AM  
**To:** Whitaker, Sherrie <[Sherrie.Whitaker@lge-ku.com](mailto:Sherrie.Whitaker@lge-ku.com)>

**Cc:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** FW: LG&E and KU Services Company Contract Draft  
**Importance:** High

EXTERNAL email. STOP and THINK before responding, clicking on links, or opening attachments.

Good morning, Sherrie....

A quick glance of the document shows that there are "inconsistencies" in Exhibit No. 3, Billing Rates.....this is not an exact replication of the document that I sent to you on February 22, 2018 (a copy of which I have attached to this email). Please update.

We will continue our review of the draft contract document , tracking any changes, and advise you accordingly.

Tx much and have a pleasant day.

Cheryl

**Cheryl Ann Rutter, CPS** | Administrator  
**Gannett Fleming Valuation and Rate Consultants, LLC**  
**Mailing Address:** P.O. Box 67100, Harrisburg, PA 17106-7100  
**Physical Address:** 207 Senate Avenue, Camp Hill, PA 17011  
t 717.763.7211 x2283 | f 717.763.4590 | [crutter@gfnet.com](mailto:crutter@gfnet.com)  
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**From:** Whitaker, Sherrie [[mailto:Sherrie.Whitaker@lge-ku.com](mailto:mailto:Sherrie.Whitaker@lge-ku.com)]  
**Sent:** Monday, February 26, 2018 9:26 AM  
**To:** Spanos, John J. <[jspanos@GFNET.com](mailto:jspanos@GFNET.com)>  
**Cc:** Rutter, Cheryl A. <[crutter@GFNET.com](mailto:crutter@GFNET.com)>; Wiseman, Sara <[Sara.Wiseman@lge-ku.com](mailto:Sara.Wiseman@lge-ku.com)>  
**Subject:** LG&E and KU Services Company Contract Draft

Good Morning Mr. Spanos,

Please find attached for your review the draft of the contract as previously discussed with Sara Wiseman. Please track any suggest changes. Upon agreement on a final draft, I will provide a clean document for execution.

Please feel free to call or email with questions.

Best Regards,

**Sherrie H. Whitaker**

Sourcing Leader | Supply Chain | LG&E and KU Energy LLC  
820 West Broadway, Louisville, KY 40202  
O: 502.627.4325 | F: 502.217.2008  
[jge-ku.com](mailto:jge-ku.com)

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**Heichelbech, Nicholas**

---

**From:** Daly, Karen  
**Sent:** Thursday, March 15, 2018 2:05 PM  
**To:** jspanos@gfnet.com; Wiseman, Sara; Riggs, Eric  
**Subject:** Depreciation Study Files  
**Attachments:** Logo



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Username: MITIMDFXDL

EID: 828

**Download URL:**  
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The login above will expire on 3/22/2018 12:00:00 AM

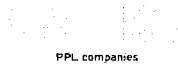
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**Heichelbech, Nicholas**

---

**From:** Daly, Karen  
**Sent:** Thursday, March 15, 2018 2:05 PM  
**To:** jspanos@gfnet.com; Wiseman, Sara; Riggs, Eric  
**Subject:** Depreciation Study Files  
**Attachments:** Logo



Your username will be sent in a separate email to protect your account privacy.

Password: d3r6y6H1

EID: 828

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Case No. 2018-00294  
Attachment 1 to Response to US DOD-1 Question No. 26  
Page 102 of 1455  
Garrett

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
130300	KU		9999	0	2010	2016	(180,984.56)
130300	KU		9999	0	2011	2016	(5,795,318.90)
130300	KU		9999	0	2011	2016	180,984.56
130300	KU		9999	0	2011	2016	211,451.53
130300	KU		9999	0	2011	2016	13,819.52
130300	KU		9999	0	2012	2017	(7,464,577.36)
130300	KU		9999	0	2012	2016	(211,451.53)
130300	KU		9999	0	2013	2016	(13,819.52)
130300	KU		9999	7	2014	2016	(895,195.80)
130300	KU		9999	7	2015	2016	(9,686,135.75)
130300	KU		9999	7	2015	2017	(70,113.58)
130300	KU		9999	7	2016	2016	8,180,570.10
130300	KU		9999	7	2016	2017	(6,795,773.63)
130300	KU		9999	7	2017	2017	9,220,034.66
130300	KU		9999	9	2015	2016	936,869.93
130300	KU		9999	9	2015	2017	1,417,963.09
130300	KU		9999	9	2016	2016	13,170,334.28
130300	KU		9999	9	2016	2017	5,883.75
130300	KU		9999	9	2017	2017	9,660,023.21
130310	KU		9999	7	2017	2017	14,448,869.46
131020	KU		0321	7	2017	2017	1,147,820.93
131020	KU		5623	0	2012	2016	(103,618.65)
131020	KU		5623	6	2012	2016	(162,070.19)
131020	KU		5651	7	2016	2016	274,092.44
131020	KU		5651	7	2016	2017	56,958.97
131100	KU		0321	0	1990	2016	(6,812.87)
131100	KU		0321	0	1990	2017	(61,829.97)
131100	KU		0321	0	2011	2017	(36,660.38)
131100	KU		0321	6	1990	2016	(4,562,600.30)
131100	KU		0321	7	2011	2016	(560,879.14)
131100	KU		0321	7	2011	2017	(1,761,683.08)
131100	KU		0321	7	2015	2016	(145,931.71)
131100	KU		0321	7	2016	2016	189,581.41
131100	KU		0321	7	2016	2017	(136,340.88)
131100	KU		0321	7	2017	2017	1,189,423.20
131100	KU		0321	9	2011	2017	1,239,006.21
131100	KU		0321	9	2015	2016	63,076.14
131100	KU		0321	9	2016	2017	802,570.10
131100	KU		5591	7	2015	2016	(13,745.45)
131100	KU		5591	7	2017	2017	9,529.54
131100	KU		5591	9	2015	2016	13,745.45
131100	KU		5591	9	2017	2017	4,633.20
131100	KU		5603	0	1947	2016	(13,147.20)
131100	KU		5603	0	2006	2016	(61,718.59)
131100	KU		5603	0	2006	2016	13,147.20
131100	KU		5603	7	2015	2016	(95,067.00)
131100	KU		5603	9	2015	2016	95,067.00
131100	KU		5613	6	1997	2017	(22,250.26)
131100	KU		5613	6	2011	2017	(107,003.10)
131100	KU		5614	6	2012	2017	(114,966.33)
131100	KU		5621	0	1948	2016	(11,983.27)
131100	KU		5621	0	1956	2016	(943.40)
131100	KU		5621	0	1958	2016	(12,926.67)
131100	KU		5621	0	1958	2016	12,926.67



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131100	KU	5622	9	2016	2016	12,530.96
131100	KU	5623	0	1985	2017	(20,482.45)
131100	KU	5623	0	1990	2016	(28,501.41)
131100	KU	5623	0	1997	2016	(6,305.35)
131100	KU	5623	0	1997	2017	(11,897.15)
131100	KU	5623	7	2015	2016	(16,211.70)
131100	KU	5623	7	2016	2016	69,925.89
131100	KU	5623	7	2016	2017	(69,925.89)
131100	KU	5623	7	2017	2017	2,609,093.02
131100	KU	5623	9	2015	2016	16,211.70
131100	KU	5623	9	2016	2016	626,322.84
131100	KU	5623	9	2016	2017	2,857,772.92
131100	KU	5623	9	2017	2017	16,883.30
131100	KU	5630	0	1944	2016	(38,344.63)
131100	KU	5630	0	2010	2016	(125,178.56)
131100	KU	5630	0	2010	2016	125,178.56
131100	KU	5630	0	2013	2016	(86,833.93)
131100	KU	5630	7	2015	2016	(146,854.51)
131100	KU	5630	9	2015	2016	146,854.51
131100	KU	5650	6	1994	2016	(39,480.55)
131100	KU	5650	6	1994	2016	39,480.55
131100	KU	5650	6	1997	2016	(39,480.55)
131100	KU	5651	0	1974	2016	(137,431.98)
131100	KU	5651	0	1974	2017	(99,881.48)
131100	KU	5651	0	1974	2016	(131,108.22)
131100	KU	5651	0	1996	2016	(41,977.65)
131100	KU	5651	0	2004	2016	(131,108.22)
131100	KU	5651	0	2004	2016	131,108.22
131100	KU	5651	0	2011	2016	(158,841.90)
131100	KU	5651	6	1987	2016	(322,828.55)
131100	KU	5651	7	2015	2016	(853,652.99)
131100	KU	5651	7	2017	2017	223,092.87
131100	KU	5651	9	2015	2016	1,085,914.08
131100	KU	5651	9	2016	2016	1,515,148.86
131100	KU	5651	9	2017	2017	438,945.71
131100	KU	5652	0	1977	2016	(76,442.79)
131100	KU	5652	0	1977	2016	(108,127.16)
131100	KU	5652	0	1978	2016	(108,127.16)
131100	KU	5652	0	1978	2016	108,127.16
131100	KU	5652	0	1997	2016	(13,603.48)
131100	KU	5652	0	2001	2016	(76,442.79)
131100	KU	5652	0	2001	2016	76,442.79
131100	KU	5652	7	2015	2016	(130,289.29)
131100	KU	5652	7	2017	2017	241,422.48
131100	KU	5652	9	2015	2016	130,289.29
131100	KU	5652	9	2016	2016	351,144.86
131100	KU	5653	7	2016	2016	58,995.65
131100	KU	5653	7	2016	2017	(58,995.65)
131100	KU	5653	7	2017	2017	325,594.72
131100	KU	5653	9	2016	2016	35,090.89
131100	KU	5653	9	2016	2017	29,769.42
131100	KU	5654	0	1984	2017	(111,951.22)
131100	KU	5654	0	1984	2017	(73,607.96)
131100	KU	5654	0	1985	2017	(2,440.17)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131100	KU	5654	0	1994	2017	(73,607.96)
131100	KU	5654	0	1994	2017	73,607.96
131100	KU	5654	0	1995	2016	(7,964.74)
131100	KU	5654	0	1995	2017	(20,690.24)
131100	KU	5654	0	1996	2017	(9,628.30)
131100	KU	5654	0	2003	2017	(103,181.77)
131100	KU	5654	0	2011	2017	(9,983.73)
131100	KU	5654	7	2015	2016	(137,615.33)
131100	KU	5654	7	2016	2016	900,088.32
131100	KU	5654	7	2016	2017	(900,088.32)
131100	KU	5654	7	2017	2017	1,176,803.16
131100	KU	5654	9	2014	2017	7,516,973.13
131100	KU	5654	9	2015	2016	462,088.77
131100	KU	5654	9	2016	2017	903,040.74
131100	KU	5654	9	2017	2017	440,957.61
131100	KU	5658	0	1994	2016	(998.02)
131100	KU	5661	7	2017	2017	36,901.04
131200	KU	0321	0	1990	2016	(73,606.89)
131200	KU	0321	0	1990	2017	(111,748.36)
131200	KU	0321	0	2011	2016	(1,639,892.11)
131200	KU	0321	0	2011	2017	(1,851,190.11)
131200	KU	0321	0	2012	2016	(1.00)
131200	KU	0321	6	1990	2016	4,562,600.30
131200	KU	0321	6	2014	2016	57,817.46
131200	KU	0321	7	2011	2016	(560,879.01)
131200	KU	0321	7	2011	2017	(1,761,682.90)
131200	KU	0321	7	2014	2016	(578,158.88)
131200	KU	0321	7	2014	2017	6,318.00
131200	KU	0321	7	2015	2016	(1,175,092.06)
131200	KU	0321	7	2016	2016	9,000,674.58
131200	KU	0321	7	2016	2017	(9,000,674.58)
131200	KU	0321	7	2017	2017	8,828,676.08
131200	KU	0321	9	2011	2016	965,835.71
131200	KU	0321	9	2011	2017	5,893,630.69
131200	KU	0321	9	2014	2016	44,785.91
131200	KU	0321	9	2014	2017	(6,318.00)
131200	KU	0321	9	2015	2016	1,724,538.45
131200	KU	0321	9	2016	2016	631,077.26
131200	KU	0321	9	2016	2017	8,205,392.91
131200	KU	0321	9	2017	2017	1,357,975.86
131200	KU	0322	0	2005	2016	(12,375.71)
131200	KU	0322	7	2011	2016	(586,795.79)
131200	KU	0322	9	2011	2016	513,436.45
131200	KU	0322	9	2016	2016	17,436.11
131200	KU	5614	6	1975	2016	(6,388.26)
131200	KU	5614	6	1977	2016	(1,272.00)
131200	KU	5614	6	1979	2016	(4,376.00)
131200	KU	5614	6	1980	2016	(2,331.62)
131200	KU	5614	6	1981	2016	(5,272.42)
131200	KU	5614	6	1985	2016	(692.53)
131200	KU	5614	6	1988	2016	(83,465.37)
131200	KU	5614	6	2001	2016	(18,275.84)
131200	KU	5614	6	2005	2016	(322,136.00)
131200	KU	5614	6	2005	2016	245,748.15

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	KU	5614	6	2007	2016	(795.41)
131200	KU	5614	6	2012	2016	(122,878.70)
131200	KU	5621	0	1958	2016	454,956.94
131200	KU	5621	0	1958	2017	(23,938.67)
131200	KU	5621	0	1996	2016	(46,240.74)
131200	KU	5621	0	2004	2016	(51,140.81)
131200	KU	5621	7	2015	2016	(3,416,265.89)
131200	KU	5621	7	2015	2017	(1,851.80)
131200	KU	5621	7	2016	2016	177,941.95
131200	KU	5621	7	2016	2017	(177,941.95)
131200	KU	5621	7	2017	2017	310,955.87
131200	KU	5621	9	2015	2016	333,186.60
131200	KU	5621	9	2016	2016	449,709.76
131200	KU	5621	9	2016	2017	179,793.74
131200	KU	5621	9	2017	2017	151,211.02
131200	KU	5622	0	1963	2017	(4,521.92)
131200	KU	5622	0	1963	2016	(43,309.40)
131200	KU	5622	0	1965	2017	(21.23)
131200	KU	5622	0	1976	2016	(15,643.94)
131200	KU	5622	0	1993	2016	(127,995.23)
131200	KU	5622	0	1994	2016	(84,988.40)
131200	KU	5622	0	1994	2017	(61,347.75)
131200	KU	5622	0	1996	2016	(108,101.78)
131200	KU	5622	0	1996	2016	43,309.40
131200	KU	5622	7	2015	2016	(2,813,354.18)
131200	KU	5622	7	2015	2017	(1,662.41)
131200	KU	5622	7	2016	2016	9,295.85
131200	KU	5622	7	2016	2017	(9,295.85)
131200	KU	5622	7	2017	2017	252,624.30
131200	KU	5622	9	2015	2016	2,765,463.30
131200	KU	5622	9	2015	2017	(189.39)
131200	KU	5622	9	2016	2016	779,111.87
131200	KU	5622	9	2016	2017	59,641.16
131200	KU	5622	9	2017	2017	112,798.93
131200	KU	5623	0	1971	2016	(101,536.84)
131200	KU	5623	0	1971	2016	(90,157.21)
131200	KU	5623	0	1971	2017	(20,419.93)
131200	KU	5623	0	1971	2017	(74,339.20)
131200	KU	5623	0	1972	2016	(90,157.21)
131200	KU	5623	0	1972	2017	(74,339.20)
131200	KU	5623	0	1972	2016	90,157.21
131200	KU	5623	0	1972	2017	74,339.20
131200	KU	5623	0	1976	2017	(34,004.71)
131200	KU	5623	0	1985	2016	61,894.56
131200	KU	5623	0	1990	2017	(10,415.19)
131200	KU	5623	0	1992	2016	(1,031,646.55)
131200	KU	5623	0	1994	2016	(10,542.50)
131200	KU	5623	0	1996	2016	(101,536.84)
131200	KU	5623	0	1996	2017	(20,419.93)
131200	KU	5623	0	1996	2016	101,536.84
131200	KU	5623	0	1996	2017	20,419.93
131200	KU	5623	0	2002	2016	(20,280.31)
131200	KU	5623	0	2005	2016	(146,944.97)
131200	KU	5623	0	2006	2016	(95,312.07)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	KU	5623	0	2010	2017	(11,088.20)
131200	KU	5623	0	2012	2016	(25,630.07)
131200	KU	5623	0	2012	2017	(47,953.41)
131200	KU	5623	0	2015	2017	(1,187,413.35)
131200	KU	5623	6	2005	2016	322,136.00
131200	KU	5623	7	2014	2016	(443,250.68)
131200	KU	5623	7	2015	2016	(3,096,306.58)
131200	KU	5623	7	2015	2017	(87,711,802.72)
131200	KU	5623	7	2016	2016	106,544,516.67
131200	KU	5623	7	2016	2017	(106,541,804.30)
131200	KU	5623	7	2017	2017	11,796,315.28
131200	KU	5623	9	2014	2016	443,250.68
131200	KU	5623	9	2015	2016	3,091,811.30
131200	KU	5623	9	2015	2017	85,071,045.74
131200	KU	5623	9	2016	2016	1,268,408.47
131200	KU	5623	9	2016	2017	97,835,923.08
131200	KU	5623	9	2017	2017	1,876,996.33
131200	KU	5630	0	2010	2016	(825,533.85)
131200	KU	5630	0	2010	2017	(171,472.12)
131200	KU	5630	0	2014	2017	(51,727.12)
131200	KU	5630	7	2015	2016	(428,611.98)
131200	KU	5630	7	2016	2016	944,712.88
131200	KU	5630	7	2016	2017	(944,712.88)
131200	KU	5630	9	2015	2016	455,331.59
131200	KU	5630	9	2016	2016	673,036.96
131200	KU	5630	9	2016	2017	934,361.08
131200	KU	5630	9	2017	2017	33,243.04
131200	KU	5650	0	1994	2016	(33,094.23)
131200	KU	5650	0	2012	2017	(7,961.09)
131200	KU	5650	6	1994	2016	39,480.55
131200	KU	5650	6	2016	2016	130,176.82
131200	KU	5650	7	2017	2017	528,228.19
131200	KU	5650	9	2016	2016	84,426.46
131200	KU	5650	9	2017	2017	41,820.04
131200	KU	5651	0	1974	2016	(445,079.79)
131200	KU	5651	0	1974	2017	(257,225.96)
131200	KU	5651	0	1975	2016	(445,079.79)
131200	KU	5651	0	1975	2017	(257,225.96)
131200	KU	5651	0	1975	2016	445,079.79
131200	KU	5651	0	1975	2017	257,225.96
131200	KU	5651	0	1994	2016	(73,150.82)
131200	KU	5651	0	1994	2017	(158,173.39)
131200	KU	5651	0	1995	2017	(52,271.91)
131200	KU	5651	0	1996	2016	7,322.17
131200	KU	5651	0	2001	2016	143,109.89
131200	KU	5651	0	2001	2017	(697,539.29)
131200	KU	5651	0	2003	2016	(41,754.20)
131200	KU	5651	0	2004	2017	(45,114.61)
131200	KU	5651	0	2006	2016	(283,779.45)
131200	KU	5651	0	2010	2016	(168,990.89)
131200	KU	5651	0	2011	2017	(143,342.36)
131200	KU	5651	0	2012	2016	(1,248,533.61)
131200	KU	5651	0	2013	2016	(6,169.36)
131200	KU	5651	6	1987	2016	322,828.55

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	KU	5651	6	2015	2017	51,125.19
131200	KU	5651	7	2015	2016	(4,905,229.08)
131200	KU	5651	7	2016	2016	3,322,994.71
131200	KU	5651	7	2016	2017	(1,151,888.60)
131200	KU	5651	7	2017	2017	3,096,355.95
131200	KU	5651	9	2015	2016	6,842,325.75
131200	KU	5651	9	2016	2016	2,112,131.27
131200	KU	5651	9	2016	2017	828,865.71
131200	KU	5651	9	2017	2017	1,937,841.81
131200	KU	5652	0	1977	2016	(185,778.15)
131200	KU	5652	0	1977	2017	(274,217.04)
131200	KU	5652	0	1977	2016	(55,839.30)
131200	KU	5652	0	1977	2016	(39,016.35)
131200	KU	5652	0	1979	2017	(11,215.25)
131200	KU	5652	0	1981	2016	(26.36)
131200	KU	5652	0	1982	2016	(26.36)
131200	KU	5652	0	1982	2016	26.36
131200	KU	5652	0	1986	2016	(2,417.02)
131200	KU	5652	0	1992	2016	(47,996.88)
131200	KU	5652	0	1992	2016	39,016.35
131200	KU	5652	0	1994	2017	(70,584.34)
131200	KU	5652	0	1999	2017	(37,468.30)
131200	KU	5652	0	2002	2016	(99,473.68)
131200	KU	5652	0	2004	2016	(104,635.35)
131200	KU	5652	0	2004	2016	55,839.30
131200	KU	5652	0	2009	2016	(39,534.61)
131200	KU	5652	0	2009	2017	(72,597.31)
131200	KU	5652	0	2010	2016	(52,575.31)
131200	KU	5652	0	2013	2016	(343,525.68)
131200	KU	5652	6	2015	2017	(51,125.19)
131200	KU	5652	7	2015	2016	4,582,571.26
131200	KU	5652	7	2015	2017	(235,394.26)
131200	KU	5652	7	2016	2016	1,180,096.59
131200	KU	5652	7	2016	2017	(1,180,096.59)
131200	KU	5652	7	2017	2017	1,030,421.07
131200	KU	5652	9	2014	2016	0.15
131200	KU	5652	9	2015	2016	2,205,396.92
131200	KU	5652	9	2015	2017	235,394.26
131200	KU	5652	9	2016	2016	8,599.46
131200	KU	5652	9	2016	2017	1,125,439.94
131200	KU	5652	9	2017	2017	63,550.13
131200	KU	5653	0	1981	2016	(486,492.82)
131200	KU	5653	0	1981	2017	(875,818.28)
131200	KU	5653	0	1987	2016	(242,371.65)
131200	KU	5653	0	1987	2017	(507,644.16)
131200	KU	5653	0	1994	2017	(70,584.34)
131200	KU	5653	0	2004	2016	(1,097,544.48)
131200	KU	5653	0	2004	2017	(12,827.61)
131200	KU	5653	0	2008	2017	(26,353.61)
131200	KU	5653	7	2014	2016	4,967,460.31
131200	KU	5653	7	2015	2016	(3,074,310.71)
131200	KU	5653	7	2016	2016	2,000,680.94
131200	KU	5653	7	2016	2017	(2,000,680.94)
131200	KU	5653	7	2017	2017	2,998,519.15

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	KU	5653	9	2015	2016	3,075,867.35
131200	KU	5653	9	2016	2016	636,142.53
131200	KU	5653	9	2016	2017	2,032,188.56
131200	KU	5653	9	2017	2017	659,245.10
131200	KU	5654	0	1984	2016	(118,741.09)
131200	KU	5654	0	1984	2017	(577,150.53)
131200	KU	5654	0	1984	2016	(34,953.79)
131200	KU	5654	0	1985	2016	(34,953.79)
131200	KU	5654	0	1985	2016	34,953.79
131200	KU	5654	0	1990	2016	(44,595.30)
131200	KU	5654	0	1994	2017	(70,584.34)
131200	KU	5654	0	2003	2016	(115,351.88)
131200	KU	5654	0	2004	2016	(10,469.26)
131200	KU	5654	0	2004	2017	(7,750.35)
131200	KU	5654	0	2005	2016	(45,098.85)
131200	KU	5654	0	2006	2016	(104,787.91)
131200	KU	5654	0	2006	2017	(8,042.32)
131200	KU	5654	0	2008	2016	(165,845.45)
131200	KU	5654	0	2009	2016	(29,672.98)
131200	KU	5654	0	2010	2016	(5,579.82)
131200	KU	5654	0	2010	2017	(7,339.54)
131200	KU	5654	0	2011	2017	(116,549.00)
131200	KU	5654	0	2012	2017	(149,422.81)
131200	KU	5654	0	2014	2017	(102,157.53)
131200	KU	5654	0	2015	2017	(42,831.50)
131200	KU	5654	0	2016	2017	(56,734.91)
131200	KU	5654	6	2013	2016	(81,042.45)
131200	KU	5654	6	2015	2016	(75,609.90)
131200	KU	5654	7	2014	2016	(4,262,335.23)
131200	KU	5654	7	2014	2017	(245,905,162.46)
131200	KU	5654	7	2015	2016	(1,337,902.99)
131200	KU	5654	7	2016	2016	1,495,014.55
131200	KU	5654	7	2016	2017	(1,495,014.55)
131200	KU	5654	7	2017	2017	7,438,086.84
131200	KU	5654	9	1984	2017	(541.01)
131200	KU	5654	9	2014	2016	7,500,305.73
131200	KU	5654	9	2014	2017	238,909,404.35
131200	KU	5654	9	2015	2016	1,941,462.40
131200	KU	5654	9	2016	2016	10,825,160.80
131200	KU	5654	9	2016	2017	1,994,219.07
131200	KU	5654	9	2017	2017	399,543.58
131200	KU	5658	0	1994	2016	(207,378.02)
131200	KU	5658	0	2002	2016	(118,003.48)
131200	KU	5658	0	2004	2016	(93,595.80)
131200	KU	5658	0	2012	2017	(34,472.59)
131200	KU	5658	7	2017	2017	621,353.06
131200	KU	5658	9	2015	2016	580,743.20
131200	KU	5658	9	2016	2017	41,434.95
131200	KU	5658	9	2017	2017	3,077,193.07
131200	KU	5660	0	2007	2016	(488,345.69)
131200	KU	5660	0	2007	2017	(178,072.75)
131200	KU	5660	6	2016	2016	(130,176.82)
131200	KU	5660	7	2015	2016	(221,002.85)
131200	KU	5660	7	2016	2016	88,895.79

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	KU	5660	7	2016	2017	(88,895.79)
131200	KU	5660	7	2017	2017	958,689.05
131200	KU	5660	9	2015	2016	221,002.85
131200	KU	5660	9	2016	2016	478,775.96
131200	KU	5660	9	2016	2017	88,895.79
131200	KU	5660	9	2017	2017	137,633.36
131200	KU	5661	0	2008	2016	(117,898.32)
131200	KU	5661	0	2008	2017	(401,865.16)
131200	KU	5661	0	2008	2016	117,898.32
131200	KU	5661	0	2008	2017	401,865.16
131200	KU	5661	0	2011	2016	(117,898.32)
131200	KU	5661	0	2012	2016	(19,804.38)
131200	KU	5661	0	2012	2017	(84,503.98)
131200	KU	5661	0	2012	2017	(401,865.16)
131200	KU	5661	6	2013	2016	81,042.45
131200	KU	5661	6	2015	2016	75,609.90
131200	KU	5661	7	2016	2016	0.71
131200	KU	5661	7	2016	2017	(0.71)
131200	KU	5661	7	2017	2017	684,577.34
131200	KU	5661	9	2016	2016	153,720.92
131200	KU	5661	9	2017	2017	89,106.92
131200	KU	0321	7	2017	2017	2,306,176.37
131400	KU	0321	0	2011	2016	(177,867.64)
131400	KU	0321	0	2011	2017	(2,079,513.58)
131400	KU	0321	7	2011	2016	25,916.61
131400	KU	0321	7	2011	2017	(1,761,682.49)
131400	KU	0321	7	2015	2016	(197,032.96)
131400	KU	0321	7	2016	2016	2,364,398.33
131400	KU	0321	7	2016	2017	(2,364,398.33)
131400	KU	0321	7	2017	2017	564,166.56
131400	KU	0321	9	2011	2017	1,092,680.98
131400	KU	0321	9	2015	2016	197,032.96
131400	KU	0321	9	2016	2017	2,364,803.69
131400	KU	0321	9	2017	2017	50,809.97
131400	KU	5613	6	2011	2017	107,003.10
131400	KU	5614	0	2012	2017	(57,483.17)
131400	KU	5614	6	2012	2017	114,966.33
131400	KU	5621	0	1956	2016	(73,616.22)
131400	KU	5621	0	1958	2016	(73,616.22)
131400	KU	5621	0	1958	2016	73,616.22
131400	KU	5621	7	2015	2016	(1,502,557.80)
131400	KU	5621	9	2015	2016	4,585,637.09
131400	KU	5621	9	2016	2016	10,064.58
131400	KU	5621	9	2017	2017	20,639.88
131400	KU	5622	0	2003	2016	(47,762.52)
131400	KU	5622	7	2015	2016	(317,590.08)
131400	KU	5622	7	2017	2017	25,687.95
131400	KU	5622	9	2015	2016	275,708.32
131400	KU	5622	9	2017	2017	25,352.19
131400	KU	5623	0	1971	2016	(56,744.66)
131400	KU	5623	0	1971	2017	(10,949.40)
131400	KU	5623	0	1972	2016	(69,620.04)
131400	KU	5623	0	1972	2016	56,744.66
131400	KU	5623	0	1996	2017	(10,949.40)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
131400	KU		5623	0	1996	2017	10,949.40
131400	KU		5623	0	2003	2016	(59,048.56)
131400	KU		5623	0	2006	2017	(857,703.77)
131400	KU		5623	7	2015	2016	(1,347,820.36)
131400	KU		5623	7	2017	2017	54,984.55
131400	KU		5623	9	2015	2016	1,346,993.07
131400	KU		5623	9	2017	2017	1,282,313.57
131400	KU		5651	0	1974	2017	(122,550.37)
131400	KU		5651	0	1975	2017	(122,550.37)
131400	KU		5651	0	1975	2017	122,550.37
131400	KU		5651	0	2003	2017	(43,226.31)
131400	KU		5651	7	2015	2016	(313,931.72)
131400	KU		5651	7	2016	2016	710,350.80
131400	KU		5651	7	2016	2017	(710,350.80)
131400	KU		5651	7	2017	2017	294,874.25
131400	KU		5651	9	2015	2016	313,931.72
131400	KU		5651	9	2016	2016	77,396.50
131400	KU		5651	9	2016	2017	710,350.80
131400	KU		5651	9	2017	2017	662,645.96
131400	KU		5652	0	1975	2016	(42,796.67)
131400	KU		5652	0	1975	2016	42,796.67
131400	KU		5652	0	1977	2016	(39,011.49)
131400	KU		5652	0	1977	2016	(42,796.67)
131400	KU		5652	0	1977	2017	(99,616.02)
131400	KU		5652	0	1992	2017	(99,616.02)
131400	KU		5652	0	1992	2017	99,616.02
131400	KU		5652	0	2003	2016	(39,011.49)
131400	KU		5652	0	2003	2016	39,011.49
131400	KU		5652	7	2015	2016	(54,523.20)
131400	KU		5652	7	2016	2016	214,051.92
131400	KU		5652	7	2016	2017	(214,051.92)
131400	KU		5652	7	2017	2017	757,494.59
131400	KU		5652	9	2015	2016	249,264.64
131400	KU		5652	9	2016	2017	348,992.43
131400	KU		5652	9	2017	2017	110,915.75
131400	KU		5653	0	1981	2017	(251,297.00)
131400	KU		5653	0	2014	2016	(4,154.76)
131400	KU		5653	7	2016	2016	452,433.88
131400	KU		5653	7	2016	2017	(452,433.88)
131400	KU		5653	7	2017	2017	243,790.08
131400	KU		5653	9	2016	2016	4,499.71
131400	KU		5653	9	2016	2017	452,629.89
131400	KU		5653	9	2017	2017	346,166.09
131400	KU		5654	0	1984	2017	(275,992.46)
131400	KU		5654	0	1984	2017	(269,492.15)
131400	KU		5654	0	2002	2017	(269,492.15)
131400	KU		5654	0	2002	2017	269,492.15
131400	KU		5654	0	2003	2017	(44,642.20)
131400	KU		5654	0	2006	2017	(327,139.57)
131400	KU		5654	7	2016	2016	278,192.03
131400	KU		5654	7	2016	2017	(278,192.03)
131400	KU		5654	7	2017	2017	358,955.10
131400	KU		5654	9	2016	2017	146,534.85
131400	KU		5654	9	2017	2017	1,685,955.72



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131500	KU	0321	7	2011	2016	(560,879.15)
131500	KU	0321	7	2011	2017	(1,761,682.90)
131500	KU	0321	7	2016	2016	51,900.23
131500	KU	0321	7	2016	2017	(22,058.24)
131500	KU	0321	9	2011	2017	541,381.47
131500	KU	0321	9	2016	2016	136,740.65
131500	KU	0321	9	2016	2017	23,577.65
131500	KU	0321	9	2017	2017	53,968.16
131500	KU	5603	0	2007	2017	(411.31)
131500	KU	5603	0	2007	2017	411.31
131500	KU	5603	0	2009	2017	(411.31)
131500	KU	5621	0	2012	2017	(19,084.61)
131500	KU	5621	7	2016	2016	48,892.14
131500	KU	5621	7	2016	2017	(48,892.14)
131500	KU	5621	7	2017	2017	66,975.99
131500	KU	5621	9	2016	2017	48,892.14
131500	KU	5622	0	1998	2016	(4,082.72)
131500	KU	5622	9	2016	2016	11,513.95
131500	KU	5623	7	2015	2016	(131,881.19)
131500	KU	5623	9	2014	2016	8.80
131500	KU	5623	9	2015	2016	131,881.19
131500	KU	5623	9	2016	2017	6,475,762.92
131500	KU	5630	7	2017	2017	15,569.02
131500	KU	5650	0	1994	2016	(37,999.14)
131500	KU	5650	0	1994	2016	37,999.14
131500	KU	5650	0	1997	2016	(37,999.14)
131500	KU	5650	9	2016	2016	117,306.68
131500	KU	5651	0	1974	2016	(32,619.69)
131500	KU	5651	0	1974	2016	(7,291.67)
131500	KU	5651	0	1974	2017	(9,360.74)
131500	KU	5651	0	1975	2016	(7,291.67)
131500	KU	5651	0	1975	2017	(9,360.74)
131500	KU	5651	0	1975	2016	7,291.67
131500	KU	5651	0	1975	2017	9,360.74
131500	KU	5651	0	2006	2016	(32,619.69)
131500	KU	5651	0	2006	2016	32,619.69
131500	KU	5651	7	2015	2016	(54,876.54)
131500	KU	5651	7	2016	2016	71,835.04
131500	KU	5651	7	2016	2017	(71,835.04)
131500	KU	5651	7	2017	2017	123,589.14
131500	KU	5651	9	2015	2016	463,678.26
131500	KU	5651	9	2016	2016	55,932.90
131500	KU	5651	9	2016	2017	71,835.04
131500	KU	5652	0	1977	2016	(91,546.85)
131500	KU	5652	0	1984	2016	(6,406.65)
131500	KU	5652	7	2015	2016	(100,169.81)
131500	KU	5652	9	2015	2016	109,431.36
131500	KU	5653	0	1981	2016	(3,768.35)
131500	KU	5653	0	2000	2016	(12,584.32)
131500	KU	5653	7	2014	2016	74,200.75
131500	KU	5653	7	2015	2016	(32,239.52)
131500	KU	5653	9	2015	2016	32,239.52
131500	KU	5653	9	2016	2016	18,243.03
131500	KU	5654	0	1984	2016	(52,092.43)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131500	KU	5654	0	1984	2017	(12,100.17)
131500	KU	5654	0	1984	2017	(42,697.44)
131500	KU	5654	0	2002	2017	(42,697.44)
131500	KU	5654	0	2002	2017	42,697.44
131500	KU	5654	0	2014	2017	(31,821.92)
131500	KU	5654	7	2014	2016	62,389.40
131500	KU	5654	7	2014	2017	(39,305.67)
131500	KU	5654	7	2015	2016	(216,083.55)
131500	KU	5654	7	2016	2016	153,528.80
131500	KU	5654	7	2016	2017	(153,528.80)
131500	KU	5654	7	2017	2017	4,327,248.64
131500	KU	5654	9	2014	2017	20,280,540.52
131500	KU	5654	9	2015	2016	212,920.54
131500	KU	5654	9	2016	2016	76,711.47
131500	KU	5654	9	2016	2017	153,528.80
131600	KU	0321	0	2011	2016	(41,155.87)
131600	KU	0321	0	2011	2017	(17,191.81)
131600	KU	0321	6	2014	2016	(57,817.46)
131600	KU	0321	7	2011	2016	25,916.65
131600	KU	0321	7	2011	2017	(1,761,682.97)
131600	KU	0321	7	2014	2016	(147,764.37)
131600	KU	0321	7	2015	2016	(53,544.80)
131600	KU	0321	7	2016	2016	73,934.13
131600	KU	0321	7	2016	2017	(73,934.13)
131600	KU	0321	7	2017	2017	263,254.25
131600	KU	0321	9	2014	2016	147,764.37
131600	KU	0321	9	2015	2016	130,793.56
131600	KU	0321	9	2016	2016	53,726.21
131600	KU	0321	9	2016	2017	72,086.97
131600	KU	0321	9	2017	2017	18,808.08
131600	KU	5591	0	1990	2016	(15,599.24)
131600	KU	5591	0	1990	2017	(2,193.05)
131600	KU	5591	0	2001	2017	(138,773.90)
131600	KU	5591	0	2001	2017	69,014.90
131600	KU	5591	0	2002	2017	(69,014.90)
131600	KU	5591	7	2015	2016	(38,318.47)
131600	KU	5591	7	2016	2016	58,415.54
131600	KU	5591	7	2016	2017	(58,415.54)
131600	KU	5591	7	2017	2017	249,372.03
131600	KU	5591	9	2015	2016	38,318.47
131600	KU	5591	9	2016	2016	94,228.05
131600	KU	5591	9	2016	2017	58,415.54
131600	KU	5591	9	2017	2017	209,349.26
131600	KU	5613	6	1997	2017	22,250.26
131600	KU	5614	0	2004	2016	(12,021.40)
131600	KU	5614	0	2014	2017	(40,627.06)
131600	KU	5614	7	2016	2016	19,907.68
131600	KU	5614	7	2016	2017	(19,907.68)
131600	KU	5614	9	2014	2016	1,571.39
131600	KU	5614	9	2016	2016	22,275.00
131600	KU	5614	9	2016	2017	19,907.68
131600	KU	5621	0	1954	2017	(503.50)
131600	KU	5621	0	1956	2016	(54,059.52)
131600	KU	5621	0	1958	2016	(54,566.52)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131600	KU	5621	0	1958	2017	(503.50)
131600	KU	5621	0	1958	2016	54,059.52
131600	KU	5621	0	1958	2017	503.50
131600	KU	5621	0	1980	2017	(1,078.44)
131600	KU	5623	0	1948	2017	(3,382.73)
131600	KU	5623	0	1954	2017	(2,001.51)
131600	KU	5623	0	1955	2017	(1,111.17)
131600	KU	5623	0	1968	2017	(1,111.17)
131600	KU	5623	0	1968	2017	1,111.17
131600	KU	5623	0	1972	2017	(9,527.01)
131600	KU	5623	0	1977	2017	(909.60)
131600	KU	5623	0	1980	2017	(824.05)
131600	KU	5623	0	1982	2017	(898.69)
131600	KU	5623	0	1983	2017	(1,107.84)
131600	KU	5623	0	1984	2017	(3,323.15)
131600	KU	5623	0	1987	2017	(564.33)
131600	KU	5623	0	1988	2017	(16,062.03)
131600	KU	5623	0	1989	2017	(1,074.67)
131600	KU	5623	0	1990	2017	(1,516.79)
131600	KU	5623	0	1991	2017	(1,659.30)
131600	KU	5623	0	1994	2017	(1,302.68)
131600	KU	5623	0	1995	2016	(13,564.99)
131600	KU	5623	0	1995	2017	(14,047.78)
131600	KU	5623	0	1997	2016	(133,965.68)
131600	KU	5623	0	1998	2017	(11,248.57)
131600	KU	5623	0	2003	2016	(5,849.86)
131600	KU	5623	7	2015	2016	(334,038.40)
131600	KU	5623	7	2016	2016	160,213.64
131600	KU	5623	7	2016	2017	(160,213.64)
131600	KU	5623	7	2017	2017	133,824.69
131600	KU	5623	9	2015	2016	279,286.49
131600	KU	5623	9	2016	2016	28,795.86
131600	KU	5623	9	2016	2017	163,092.45
131600	KU	5623	9	2017	2017	55,668.56
131600	KU	5650	0	1994	2016	(71,014.84)
131600	KU	5650	0	1994	2016	71,014.84
131600	KU	5650	0	1997	2016	(71,014.84)
131600	KU	5651	0	1975	2016	(3,956.00)
131600	KU	5651	0	1975	2017	(4,684.47)
131600	KU	5651	7	2015	2016	(70,787.92)
131600	KU	5651	7	2016	2016	116,665.90
131600	KU	5651	7	2016	2017	(116,665.90)
131600	KU	5651	9	2015	2016	42,125.60
131600	KU	5652	0	1977	2017	(1,469.61)
131600	KU	5652	0	1980	2017	(2,018.11)
131600	KU	5652	0	1985	2017	(931.41)
131600	KU	5652	9	2017	2017	30,383.39
131600	KU	5653	0	1981	2016	(24,620.01)
131600	KU	5653	0	1982	2017	(1,055.61)
131600	KU	5653	0	1983	2017	(1,857.63)
131600	KU	5653	9	2016	2016	70,989.53
131600	KU	5654	0	1984	2017	(1,531.10)
131600	KU	5654	0	1986	2017	(3,084.14)
131600	KU	5654	0	1987	2017	(2,783.76)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131600	KU	5654	0	1988	2017	(6,241.44)
131600	KU	5654	0	1989	2017	(6,137.87)
131600	KU	5654	0	1990	2017	(7,258.49)
131600	KU	5654	0	1991	2017	(2,843.82)
131600	KU	5654	0	1994	2017	(6,365.89)
131600	KU	5654	0	1996	2016	(106,432.85)
131600	KU	5654	0	2009	2017	(44,011.59)
131600	KU	5654	0	2011	2017	(53,262.35)
131600	KU	5654	7	2015	2016	(407,242.61)
131600	KU	5654	7	2016	2016	150,380.82
131600	KU	5654	7	2016	2017	(150,380.82)
131600	KU	5654	7	2017	2017	854,931.81
131600	KU	5654	9	2015	2016	638,225.08
131600	KU	5654	9	2016	2016	89,092.54
131600	KU	5654	9	2016	2017	292,024.26
131707	KU	0000	0	2010	2016	(1,587,066.55)
131707	KU	0000	0	2010	2017	(203,134.00)
131707	KU	0000	0	2011	2016	(124,368.78)
131707	KU	0000	0	2012	2016	(461,316.23)
131707	KU	0000	6	2010	2017	338,702.25
131707	KU	0000	9	2010	2016	(310,558,216.10)
131707	KU	0000	9	2010	2016	11,152,179.50
131707	KU	0000	9	2010	2017	5,529,807.93
131707	KU	0000	9	2011	2016	(191,528.29)
131707	KU	0000	9	2011	2017	453,430.70
131707	KU	0000	9	2012	2016	(1,030,240.43)
131707	KU	0000	9	2012	2017	214,408.90
131707	KU	0000	9	2014	2016	1,780,993.09
131707	KU	0000	9	2014	2017	(88,707.29)
131707	KU	0000	9	2015	2016	(2,098,198.12)
131707	KU	0000	9	2016	2016	1,549,583.15
131707	KU	0000	9	2016	2017	1,040,562.13
131708	KU	0000	6	2010	2017	(338,702.25)
131708	KU	0000	9	2010	2016	310,558,216.10
131708	KU	0000	9	2010	2016	(92,325,530.27)
131708	KU	0000	9	2010	2017	(54,968,964.27)
131708	KU	0000	9	2015	2016	2,098,198.12
131708	KU	0000	9	2015	2016	160,574.20
131708	KU	0000	9	2015	2017	1,879,444.98
133010	KU	5691	0	1941	2017	(23,675.00)
133100	KU	5691	0	1941	2016	(2,355.54)
133100	KU	5691	9	2016	2016	2,174,143.44
133200	KU	5691	7	2015	2016	(34,972.15)
133200	KU	5691	9	2015	2016	34,972.15
133300	KU	5691	0	1962	2016	(12,808.80)
133300	KU	5691	0	1963	2016	(31.46)
133300	KU	5691	7	2015	2016	(326,392.84)
133300	KU	5691	9	2015	2016	327,078.36
133400	KU	5691	7	2017	2017	19,285.88
133400	KU	5691	9	2016	2016	40,896.02
133500	KU	5691	7	2017	2017	12,427.44
133600	KU	5691	7	2015	2016	(8,793.34)
133600	KU	5691	9	2015	2016	8,793.34
133707	KU	0000	0	2011	2016	(86,482.34)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
133707	KU		0000	9	2010	457,959.79
134020	KU		5648	6	2012	162,070.19
134100	KU		0172	7	2015	(46,895,473.79)
134100	KU		0172	7	2016	62,902.47
134100	KU		0172	7	2016	(62,902.47)
134100	KU		0172	9	2015	47,685,779.01
134100	KU		0172	9	2016	62,902.47
134100	KU		0172	9	2017	83,294.92
134100	KU		5635	0	2001	(80,210.06)
134100	KU		5635	7	2015	(10,818.38)
134100	KU		5635	9	2015	10,818.38
134100	KU		5635	9	2016	347,324.52
134100	KU		5637	0	2005	(11,519.31)
134100	KU		5637	7	2015	(22,546.10)
134100	KU		5637	9	2015	22,546.10
134100	KU		5648	7	2016	898,970.08
134100	KU		5648	7	2016	(898,970.08)
134100	KU		5648	9	2016	1,443,810.04
134100	KU		5697	0	2001	(3,913.49)
134100	KU		5697	7	2015	(183,795.18)
134100	KU		5697	9	2015	178,139.73
134100	KU		5697	9	2016	8,143.22
134200	KU		0172	7	2015	(111,535,551.95)
134200	KU		0172	9	2015	6,319,398.10
134200	KU		0173	7	2015	(23,407,423.91)
134200	KU		0173	7	2015	(7,102.96)
134200	KU		0173	9	2015	23,403,466.26
134200	KU		0173	9	2015	7,102.96
134200	KU		0433	4	2016	6,859,521.27
134200	KU		0433	7	2016	(6,859,521.27)
134200	KU		0433	9	2016	6,851,592.10
134200	KU		0473	7	2017	785,616.17
134200	KU		5645	7	2015	(33,700.20)
134200	KU		5645	7	2016	151,334.56
134200	KU		5645	7	2016	(151,334.56)
134200	KU		5645	9	2015	33,700.20
134200	KU		5645	9	2016	138,543.29
134200	KU		5697	0	2001	(19,123.07)
134200	KU		5697	0	2003	(19,123.07)
134200	KU		5697	0	2003	19,123.07
134200	KU		5697	4	2016	(6,859,521.27)
134200	KU		5697	7	2016	6,782,648.86
134200	KU		5697	7	2016	76,872.41
134300	KU		0172	0	2015	(194,956.51)
134300	KU		0172	7	2015	(89,873,336.88)
134300	KU		0172	7	2017	143,464.33
134300	KU		0172	9	2015	255,352,726.58
134300	KU		0172	9	2016	207,622.41
134300	KU		0172	9	2017	24,054.91
134300	KU		0470	0	2002	(56,029.61)
134300	KU		0470	0	2012	(751,137.25)
134300	KU		0470	7	2016	213,310.98
134300	KU		0470	7	2016	(213,310.98)
134300	KU		0470	7	2017	2,359,071.33

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
134300	KU		0470	9	2016	2017	1,473,358.73
134300	KU		0471	0	2002	2017	(94,615.75)
134300	KU		0471	0	2011	2017	(1,061,501.24)
134300	KU		0471	6	2013	2017	1,182,806.63
134300	KU		0471	7	2016	2016	3,257,257.98
134300	KU		0471	7	2016	2017	(3,257,257.98)
134300	KU		0471	9	2016	2017	1,774,933.18
134300	KU		0474	6	2013	2017	(1,182,806.63)
134300	KU		0477	0	2004	2017	(25,268.42)
134300	KU		0477	7	2016	2016	131,582.38
134300	KU		0477	7	2016	2017	(131,582.38)
134300	KU		0477	7	2017	2017	18,729.60
134300	KU		0477	9	2017	2017	51,677.22
134300	KU		5635	0	2006	2017	(6,260.62)
134300	KU		5635	7	2017	2017	3,417,358.71
134300	KU		5635	9	2017	2017	12,195.46
134300	KU		5636	0	1999	2016	(22,084.78)
134300	KU		5636	0	2006	2017	(6,260.62)
134300	KU		5636	9	2017	2017	12,195.46
134300	KU		5637	0	1999	2016	(22,084.78)
134300	KU		5637	0	2006	2017	(6,260.62)
134300	KU		5637	9	2009	2017	354,365.91
134300	KU		5637	9	2017	2017	12,195.46
134300	KU		5638	0	1995	2017	(4,847.73)
134300	KU		5638	9	2017	2017	12,195.46
134300	KU		5639	0	1994	2016	(4,311.63)
134300	KU		5639	0	1994	2017	(334,140.19)
134300	KU		5639	7	2016	2016	15,608.94
134300	KU		5639	7	2016	2017	(15,608.94)
134300	KU		5639	7	2017	2017	401,308.58
134300	KU		5639	9	2016	2016	10,526.76
134300	KU		5639	9	2016	2017	15,608.94
134300	KU		5639	9	2017	2017	44,883.17
134300	KU		5640	0	1995	2017	(4,847.73)
134300	KU		5640	7	2015	2016	(8,059,176.08)
134300	KU		5640	9	2015	2016	8,059,176.08
134300	KU		5640	9	2017	2017	12,195.46
134300	KU		5641	0	1996	2017	(6,117.86)
134300	KU		5641	0	2000	2016	(37,337.79)
134300	KU		5641	0	2002	2017	(5,835.69)
134300	KU		5641	7	2016	2016	14,492.63
134300	KU		5641	7	2016	2017	(14,492.63)
134300	KU		5641	7	2017	2017	401,308.60
134300	KU		5641	9	2016	2016	75,214.11
134300	KU		5641	9	2016	2017	14,492.63
134300	KU		5641	9	2017	2017	12,195.46
134300	KU		0172	7	2017	2017	10,123,916.23
134300	KU		5697	7	2017	2017	184,060.03
134300	KU		0477	7	2017	2017	168,620.92
134400	KU		0172	7	2015	2016	(113,390,206.33)
134400	KU		0172	7	2017	2017	236,672.95
134400	KU		0172	9	2015	2016	57,858,855.74
134400	KU		0172	9	2017	2017	95,880.80
134400	KU		0470	0	2002	2017	(7,291.86)

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Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
134400	KU		0470	7	2016	2016	175,943.75
134400	KU		0470	7	2016	2017	(175,943.75)
134400	KU		0470	9	2016	2017	197,740.51
134400	KU		0470	9	2017	2017	11,119.38
134400	KU		0471	0	2002	2017	(87,742.05)
134400	KU		0471	9	2016	2017	188,639.76
134400	KU		0471	9	2017	2017	9,617.17
134400	KU		0474	0	2004	2017	(5,248.10)
134400	KU		0474	9	2016	2017	15,577.37
134400	KU		0474	9	2017	2017	8,161.25
134400	KU		0475	0	2004	2017	(5,220.65)
134400	KU		0475	9	2016	2017	15,495.88
134400	KU		0475	9	2017	2017	8,097.18
134400	KU		0476	0	2004	2016	(432,616.31)
134400	KU		0476	0	2004	2017	(5,443.26)
134400	KU		0476	7	2016	2016	777,245.80
134400	KU		0476	7	2016	2017	(777,245.80)
134400	KU		0476	9	2016	2016	128,231.29
134400	KU		0476	9	2016	2017	795,016.43
134400	KU		0476	9	2017	2017	8,152.66
134400	KU		0477	0	2004	2017	(5,987.03)
134400	KU		0477	9	2016	2017	17,770.63
134400	KU		0477	9	2017	2017	7,901.87
134400	KU		5635	9	2017	2017	11,722.36
134400	KU		5636	9	2017	2017	14,121.88
134400	KU		5637	9	2017	2017	9,540.89
134400	KU		5638	0	1995	2017	(55,656.82)
134400	KU		5638	9	2017	2017	162,368.84
134400	KU		5639	0	1994	2017	(55,148.36)
134400	KU		5639	9	2017	2017	166,819.24
134400	KU		5640	0	1995	2017	(55,656.82)
134400	KU		5640	9	2017	2017	160,707.99
134400	KU		5641	0	1996	2017	(192,604.16)
134400	KU		5641	9	2017	2017	159,599.17
134400	KU		5648	7	2016	2016	13,471,497.70
134400	KU		5648	7	2016	2017	(13,471,497.70)
134400	KU		5648	9	2016	2017	13,068,659.23
134400	KU		5697	9	2017	2017	4,616.70
134500	KU		0172	7	2015	2016	(26,286,452.56)
134500	KU		0172	7	2017	2017	7,976,861.07
134500	KU		0172	9	2015	2016	18,137,467.80
134500	KU		0172	9	2017	2017	58,132.49
134500	KU		0470	0	2002	2016	(39,736.09)
134500	KU		0470	7	2014	2016	(138,194.66)
134500	KU		0470	9	2016	2016	79,472.16
134500	KU		0471	0	2002	2016	(39,736.09)
134500	KU		0471	9	2014	2016	207,248.18
134500	KU		0471	9	2016	2016	79,472.18
134500	KU		0474	0	2004	2016	(36,029.00)
134500	KU		0474	7	2014	2016	(176,314.06)
134500	KU		0474	9	2016	2016	70,517.58
134500	KU		0475	9	2014	2016	178,150.40
134500	KU		0476	7	2014	2016	(176,314.04)
134500	KU		0477	7	2017	2017	4,437,099.94

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
134500	KU	0477	9	2014	2016	238,412.63
134500	KU	5636	7	2017	2017	33,285.09
134500	KU	5639	9	2017	2017	15,008.67
134500	KU	5648	7	2016	2016	695,453.35
134500	KU	5648	7	2016	2017	(695,453.35)
134500	KU	5648	9	2016	2017	445,469.72
134600	KU	0172	7	2015	2016	(21,065.55)
134600	KU	0172	7	2016	2016	8,862.72
134600	KU	0172	7	2016	2017	(8,862.72)
134600	KU	0172	9	2015	2016	3,059,665.78
134600	KU	5635	0	2001	2017	(20,882.06)
134600	KU	5636	7	2015	2016	(48,476.11)
134600	KU	5636	9	2015	2016	47,513.99
134600	KU	5637	7	2015	2016	(48,476.09)
134600	KU	5637	9	2015	2016	47,514.02
134600	KU	5638	7	2016	2016	44,189.81
134600	KU	5638	7	2016	2017	(44,189.81)
134600	KU	5638	9	2016	2017	44,189.81
134600	KU	5639	0	1994	2016	(62,982.25)
134600	KU	5639	7	2015	2016	(27,360.86)
134600	KU	5639	7	2016	2016	44,169.78
134600	KU	5639	7	2016	2017	(44,169.78)
134600	KU	5639	9	2015	2016	27,360.86
134600	KU	5639	9	2016	2017	44,169.78
134600	KU	5640	0	1995	2016	(37,083.75)
134600	KU	5640	0	1997	2016	(37,083.75)
134600	KU	5640	0	1997	2016	37,083.75
134600	KU	5641	0	1996	2016	(7,283.36)
134600	KU	5641	0	2003	2016	(7,505.72)
134600	KU	5648	7	2016	2016	306,593.92
134600	KU	5648	7	2016	2017	(306,593.92)
134600	KU	5648	9	2016	2017	424,778.28
134600	KU	5697	0	2001	2017	(6,710.88)
134600	KU	5697	7	2016	2016	14,201.30
134600	KU	5697	7	2016	2017	(14,201.30)
134600	KU	5697	9	2016	2017	14,201.30
134707	KU	0000	9	2015	2017	(30,976.11)
134707	KU	0000	9	2017	2017	34,623.14
135010	KU	9999	9	2011	2016	100,844.38
135210	KU	9999	0	1940	2017	(1,901.21)
135210	KU	9999	0	1941	2017	(3,999.17)
135210	KU	9999	0	1948	2017	(31.50)
135210	KU	9999	0	1950	2016	(3,221.59)
135210	KU	9999	0	1950	2017	(97.22)
135210	KU	9999	0	1953	2017	(591.10)
135210	KU	9999	0	1954	2016	(71.52)
135210	KU	9999	0	1955	2017	(102.89)
135210	KU	9999	0	1957	2016	(1,211.68)
135210	KU	9999	0	1957	2017	(62.91)
135210	KU	9999	0	1958	2016	(760.84)
135210	KU	9999	0	1960	2016	(1,954.91)
135210	KU	9999	0	1962	2017	(1,641.82)
135210	KU	9999	0	1964	2016	(292.58)
135210	KU	9999	0	1964	2017	(604.93)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135210	KU	9999	0	1965	2017	(487.84)
135210	KU	9999	0	1966	2016	(1,325.15)
135210	KU	9999	0	1966	2017	(26.17)
135210	KU	9999	0	1969	2016	(977.46)
135210	KU	9999	0	1969	2017	(1,380.50)
135210	KU	9999	0	1970	2016	(688.88)
135210	KU	9999	0	1970	2017	(1,883.90)
135210	KU	9999	0	1971	2017	1,029.03
135210	KU	9999	0	1972	2017	(6,588.08)
135210	KU	9999	0	1973	2016	(255.20)
135210	KU	9999	0	1974	2017	(982.70)
135210	KU	9999	0	1975	2016	(31.00)
135210	KU	9999	0	1976	2017	(4,973.42)
135210	KU	9999	0	1978	2017	(2,308.04)
135210	KU	9999	0	1981	2016	(8,788.85)
135210	KU	9999	0	1981	2017	(126.68)
135210	KU	9999	0	1983	2016	(197.37)
135210	KU	9999	0	1984	2016	(4,038.73)
135210	KU	9999	0	1986	2017	(1,042.35)
135210	KU	9999	0	1992	2016	(1,958.36)
135210	KU	9999	0	1993	2016	(6,051.05)
135210	KU	9999	0	1998	2017	(9,415.27)
135210	KU	9999	0	2000	2017	(1,614.58)
135210	KU	9999	0	2001	2017	(26,247.70)
135210	KU	9999	0	2008	2016	(138,599.71)
135210	KU	9999	0	2008	2017	(12,146.37)
135210	KU	9999	0	2015	2016	(3,098.02)
135210	KU	9999	0	2015	2017	(35,587.28)
135210	KU	9999	6	1965	2017	(1,320.39)
135210	KU	9999	6	1971	2016	(1,063.85)
135210	KU	9999	6	1987	2016	(3,883.12)
135210	KU	9999	6	2000	2017	(246.36)
135210	KU	9999	6	2011	2017	77,830.59
135210	KU	9999	6	2015	2017	71,337.33
135210	KU	9999	7	2015	2016	(155,983.29)
135210	KU	9999	7	2015	2017	(248,129.72)
135210	KU	9999	7	2016	2016	354,107.28
135210	KU	9999	7	2016	2017	(354,107.28)
135210	KU	9999	7	2017	2017	9,164.66
135210	KU	9999	9	2015	2016	24,490.85
135210	KU	9999	9	2016	2016	3,487,019.31
135210	KU	9999	9	2016	2017	409,606.37
135210	KU	9999	9	2017	2017	721,071.56
135220	KU	9999	0	1956	2017	(17,016.61)
135220	KU	9999	0	1958	2017	(9,243.36)
135220	KU	9999	0	1960	2017	(35.08)
135220	KU	9999	0	1962	2017	(26.03)
135220	KU	9999	0	1968	2017	(50.32)
135220	KU	9999	0	1974	2017	(6,038.80)
135220	KU	9999	6	2011	2017	(77,830.59)
135220	KU	9999	7	2017	2017	5,785.94
135310	KU	9999	0	1929	2016	(446.53)
135310	KU	9999	0	1929	2017	(10,721.04)
135310	KU	9999	0	1929	2017	(5,695.75)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135310	KU	9999	0	1940	2016	(30,681.12)
135310	KU	9999	0	1940	2017	(792.43)
135310	KU	9999	0	1940	2017	(41,251.42)
135310	KU	9999	0	1941	2016	(2,091.93)
135310	KU	9999	0	1941	2017	(4,458.83)
135310	KU	9999	0	1941	2017	(245,536.53)
135310	KU	9999	0	1942	2017	(4,938.71)
135310	KU	9999	0	1943	2016	(103.68)
135310	KU	9999	0	1943	2017	(1,543.31)
135310	KU	9999	0	1943	2017	(11,772.58)
135310	KU	9999	0	1945	2017	(241.69)
135310	KU	9999	0	1946	2016	(3.62)
135310	KU	9999	0	1946	2017	(42.24)
135310	KU	9999	0	1947	2016	(200.00)
135310	KU	9999	0	1949	2016	(222.36)
135310	KU	9999	0	1949	2017	(2,294.82)
135310	KU	9999	0	1950	2016	(18,421.46)
135310	KU	9999	0	1950	2017	(0.37)
135310	KU	9999	0	1951	2016	(796.24)
135310	KU	9999	0	1951	2017	(3,242.81)
135310	KU	9999	0	1952	2017	(20,249.35)
135310	KU	9999	0	1953	2016	(81.31)
135310	KU	9999	0	1953	2017	(4,834.01)
135310	KU	9999	0	1954	2016	(13,409.74)
135310	KU	9999	0	1954	2017	(28,526.66)
135310	KU	9999	0	1955	2017	(16,229.00)
135310	KU	9999	0	1956	2016	(9,495.09)
135310	KU	9999	0	1956	2017	(890.43)
135310	KU	9999	0	1957	2016	(2,012.12)
135310	KU	9999	0	1957	2017	(2,418.39)
135310	KU	9999	0	1958	2017	(15,658.70)
135310	KU	9999	0	1959	2017	(3,133.56)
135310	KU	9999	0	1960	2016	(59,758.57)
135310	KU	9999	0	1960	2017	(22,078.67)
135310	KU	9999	0	1961	2016	(4,556.03)
135310	KU	9999	0	1962	2016	(10,291.84)
135310	KU	9999	0	1962	2017	(20,068.16)
135310	KU	9999	0	1963	2016	(9.13)
135310	KU	9999	0	1963	2017	(12,004.44)
135310	KU	9999	0	1964	2016	(12,959.83)
135310	KU	9999	0	1964	2017	(2,917.53)
135310	KU	9999	0	1965	2016	(1,923.22)
135310	KU	9999	0	1965	2017	(6,770.74)
135310	KU	9999	0	1966	2017	(3,674.84)
135310	KU	9999	0	1967	2017	(101.76)
135310	KU	9999	0	1968	2016	(26,851.35)
135310	KU	9999	0	1968	2017	(1,168.26)
135310	KU	9999	0	1969	2016	(7,859.64)
135310	KU	9999	0	1969	2017	(7,147.24)
135310	KU	9999	0	1970	2016	(4,163.04)
135310	KU	9999	0	1970	2017	(8,339.75)
135310	KU	9999	0	1971	2016	(7,585.88)
135310	KU	9999	0	1971	2017	(30,848.87)
135310	KU	9999	0	1972	2017	(17,290.56)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135310	KU	9999	0	1973	2016	(7,548.30)
135310	KU	9999	0	1973	2017	(18,257.24)
135310	KU	9999	0	1974	2016	(11,183.91)
135310	KU	9999	0	1974	2017	(3,657.51)
135310	KU	9999	0	1975	2016	(6.36)
135310	KU	9999	0	1975	2017	(13,915.51)
135310	KU	9999	0	1976	2017	(3,432.12)
135310	KU	9999	0	1977	2017	(24,162.48)
135310	KU	9999	0	1978	2016	(123,809.28)
135310	KU	9999	0	1978	2017	(7,933.51)
135310	KU	9999	0	1979	2016	(5,532.98)
135310	KU	9999	0	1979	2017	(48,665.64)
135310	KU	9999	0	1980	2016	(15,954.99)
135310	KU	9999	0	1980	2017	(161,928.39)
135310	KU	9999	0	1981	2017	(4,458.97)
135310	KU	9999	0	1982	2016	62,153.24
135310	KU	9999	0	1982	2017	(297,533.75)
135310	KU	9999	0	1983	2017	(86,923.99)
135310	KU	9999	0	1984	2017	(13,266.58)
135310	KU	9999	0	1985	2017	(49,931.32)
135310	KU	9999	0	1986	2017	(2,157.51)
135310	KU	9999	0	1987	2016	(8,467.90)
135310	KU	9999	0	1987	2017	(5,695.75)
135310	KU	9999	0	1987	2016	446.53
135310	KU	9999	0	1987	2017	5,695.75
135310	KU	9999	0	1988	2017	(14,210.02)
135310	KU	9999	0	1989	2017	(27,972.14)
135310	KU	9999	0	1990	2017	(314,220.28)
135310	KU	9999	0	1990	2017	314,220.28
135310	KU	9999	0	1991	2016	(33,249.10)
135310	KU	9999	0	1992	2016	(16,476.44)
135310	KU	9999	0	1992	2017	(31,321.85)
135310	KU	9999	0	1993	2017	(100,335.01)
135310	KU	9999	0	1994	2017	(6,904.67)
135310	KU	9999	0	1995	2016	(139.57)
135310	KU	9999	0	1995	2017	(76,327.21)
135310	KU	9999	0	1996	2016	(2,297.80)
135310	KU	9999	0	1997	2017	(99,399.31)
135310	KU	9999	0	1998	2016	(6,690.74)
135310	KU	9999	0	1998	2017	(41,763.86)
135310	KU	9999	0	1999	2017	(4,058.32)
135310	KU	9999	0	2000	2017	(2,497.04)
135310	KU	9999	0	2001	2016	(6,588.69)
135310	KU	9999	0	2001	2017	(33,203.69)
135310	KU	9999	0	2002	2017	(24,480.44)
135310	KU	9999	0	2003	2016	(61.88)
135310	KU	9999	0	2003	2017	(58,334.42)
135310	KU	9999	0	2004	2016	(41,767.89)
135310	KU	9999	0	2004	2017	(22,514.17)
135310	KU	9999	0	2006	2016	(12,072.34)
135310	KU	9999	0	2007	2016	(10,416.06)
135310	KU	9999	0	2007	2017	(56,202.00)
135310	KU	9999	0	2008	2016	(501,627.45)
135310	KU	9999	0	2008	2017	(59,075.72)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135310	KU	9999	0	2009	2017	(10,344.41)
135310	KU	9999	0	2011	2016	(1,218,453.21)
135310	KU	9999	0	2011	2017	(107,816.00)
135310	KU	9999	0	2012	2017	(60,430.84)
135310	KU	9999	0	2013	2017	(15,306.23)
135310	KU	9999	0	2014	2017	(114,472.18)
135310	KU	9999	0	2015	2017	(28,551.15)
135310	KU	9999	0	2016	2017	(64,366.54)
135310	KU	9999	0	2017	2017	(27,840.45)
135310	KU	9999	6	1956	2017	(32,824.50)
135310	KU	9999	6	1965	2017	(14,063.37)
135310	KU	9999	6	1971	2016	(21,389.54)
135310	KU	9999	6	1974	2017	2,047.43
135310	KU	9999	6	1987	2016	(467.40)
135310	KU	9999	6	1988	2017	890.88
135310	KU	9999	6	1992	2017	85,054.86
135310	KU	9999	6	1994	2017	(28,419.67)
135310	KU	9999	6	1995	2017	(5,688.54)
135310	KU	9999	6	1996	2017	6,363.10
135310	KU	9999	6	1997	2017	20,016.29
135310	KU	9999	6	1998	2017	78,276.21
135310	KU	9999	6	1999	2017	155,074.91
135310	KU	9999	6	2000	2016	6,747.01
135310	KU	9999	6	2000	2017	(104,822.69)
135310	KU	9999	6	2001	2016	(133,270.76)
135310	KU	9999	6	2001	2017	140,447.43
135310	KU	9999	6	2002	2016	51,847.62
135310	KU	9999	6	2002	2017	68,285.10
135310	KU	9999	6	2003	2016	10,255.75
135310	KU	9999	6	2003	2017	68,963.25
135310	KU	9999	6	2004	2016	2,717.40
135310	KU	9999	6	2005	2016	6,688.99
135310	KU	9999	6	2005	2017	(121,022.51)
135310	KU	9999	6	2006	2016	6,556.26
135310	KU	9999	6	2006	2017	39,540.97
135310	KU	9999	6	2007	2016	45,259.53
135310	KU	9999	6	2007	2017	13,833.51
135310	KU	9999	6	2008	2016	15,595.04
135310	KU	9999	6	2008	2017	9,703.65
135310	KU	9999	6	2009	2017	35,527.01
135310	KU	9999	6	2010	2017	23,353.40
135310	KU	9999	6	2011	2017	15,733.00
135310	KU	9999	6	2012	2017	68,137.04
135310	KU	9999	6	2013	2016	38,506.03
135310	KU	9999	6	2013	2017	25,147.17
135310	KU	9999	6	2014	2016	170,157.37
135310	KU	9999	6	2014	2017	59,393.04
135310	KU	9999	6	2015	2016	11,121.69
135310	KU	9999	6	2015	2017	28,298.52
135310	KU	9999	6	2016	2017	27,762.50
135310	KU	9999	6	2017	2017	11,676.80
135310	KU	9999	7	2010	2016	834.77
135310	KU	9999	7	2012	2016	(911.88)
135310	KU	9999	7	2013	2016	(29,019.41)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135310	KU	9999	7	2014	2016	(2,291,409.34)
135310	KU	9999	7	2014	2017	(1,042,454.60)
135310	KU	9999	7	2015	2016	(2,082,283.49)
135310	KU	9999	7	2015	2017	(4,511,174.13)
135310	KU	9999	7	2016	2016	11,231,522.12
135310	KU	9999	7	2016	2017	(3,384,044.66)
135310	KU	9999	7	2017	2017	2,793,259.18
135310	KU	9999	9	1954	2016	(15.28)
135310	KU	9999	9	1954	2017	(26.19)
135310	KU	9999	9	2012	2016	308.45
135310	KU	9999	9	2014	2016	188,859.77
135310	KU	9999	9	2014	2017	126,999.06
135310	KU	9999	9	2015	2016	1,129,742.10
135310	KU	9999	9	2015	2017	2,903,210.12
135310	KU	9999	9	2016	2016	14,242,189.68
135310	KU	9999	9	2016	2017	6,731,914.17
135310	KU	9999	9	2017	2017	5,140,158.10
135320	KU	9999	0	1953	2017	(2,671.55)
135320	KU	9999	0	1953	2017	2,671.55
135320	KU	9999	0	1954	2016	(1,227.23)
135320	KU	9999	0	1954	2017	(372.35)
135320	KU	9999	0	1954	2016	1,227.23
135320	KU	9999	0	1954	2017	372.35
135320	KU	9999	0	1956	2016	(260.17)
135320	KU	9999	0	1956	2017	(37,002.56)
135320	KU	9999	0	1956	2016	(71.03)
135320	KU	9999	0	1956	2016	(307.83)
135320	KU	9999	0	1956	2016	(1,227.23)
135320	KU	9999	0	1956	2017	(191.91)
135320	KU	9999	0	1956	2017	(109.07)
135320	KU	9999	0	1956	2017	(16.57)
135320	KU	9999	0	1956	2017	(497.03)
135320	KU	9999	0	1956	2017	(4,511.78)
135320	KU	9999	0	1956	2017	(372.35)
135320	KU	9999	0	1956	2017	(2,671.55)
135320	KU	9999	0	1957	2016	(210.52)
135320	KU	9999	0	1957	2017	(9.30)
135320	KU	9999	0	1957	2017	(313.93)
135320	KU	9999	0	1957	2017	(576.67)
135320	KU	9999	0	1957	2017	(2,667.41)
135320	KU	9999	0	1958	2017	(26,150.84)
135320	KU	9999	0	1958	2017	4,511.78
135320	KU	9999	0	1959	2016	(90.84)
135320	KU	9999	0	1959	2017	(1,074.75)
135320	KU	9999	0	1959	2017	497.03
135320	KU	9999	0	1962	2017	(16.57)
135320	KU	9999	0	1962	2017	16.57
135320	KU	9999	0	1963	2017	(17.67)
135320	KU	9999	0	1964	2017	(629.07)
135320	KU	9999	0	1964	2017	109.07
135320	KU	9999	0	1965	2017	(191.91)
135320	KU	9999	0	1965	2017	191.91
135320	KU	9999	0	1966	2016	(434.20)
135320	KU	9999	0	1966	2017	(2,667.41)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135320	KU	9999	0	1966	2016	307.83
135320	KU	9999	0	1966	2017	2,667.41
135320	KU	9999	0	1967	2016	(2,015.13)
135320	KU	9999	0	1967	2016	2,015.13
135320	KU	9999	0	1968	2017	(576.67)
135320	KU	9999	0	1968	2017	576.67
135320	KU	9999	0	1969	2016	(279.94)
135320	KU	9999	0	1969	2017	(5,283.62)
135320	KU	9999	0	1969	2016	(2,015.13)
135320	KU	9999	0	1969	2017	(517.08)
135320	KU	9999	0	1969	2017	(4,389.98)
135320	KU	9999	0	1970	2016	(798.63)
135320	KU	9999	0	1970	2017	(8,719.61)
135320	KU	9999	0	1970	2017	7,599.24
135320	KU	9999	0	1971	2017	(128,543.11)
135320	KU	9999	0	1971	2017	128,543.11
135320	KU	9999	0	1972	2017	(592.93)
135320	KU	9999	0	1972	2017	313.93
135320	KU	9999	0	1973	2016	(71.03)
135320	KU	9999	0	1973	2016	71.03
135320	KU	9999	0	1974	2016	(127.33)
135320	KU	9999	0	1974	2017	(13,001.42)
135320	KU	9999	0	1974	2017	(12,529.10)
135320	KU	9999	0	1975	2017	(63,947.06)
135320	KU	9999	0	1975	2016	(2,901.24)
135320	KU	9999	0	1975	2017	(52,628.13)
135320	KU	9999	0	1975	2017	(11,575.01)
135320	KU	9999	0	1975	2017	(7,599.24)
135320	KU	9999	0	1976	2017	(4,389.98)
135320	KU	9999	0	1976	2017	4,389.98
135320	KU	9999	0	1977	2017	(642.14)
135320	KU	9999	0	1978	2017	(24,257.47)
135320	KU	9999	0	1979	2017	(5,395.08)
135320	KU	9999	0	1979	2017	517.08
135320	KU	9999	0	1980	2017	(403.21)
135320	KU	9999	0	1981	2016	(2,901.24)
135320	KU	9999	0	1981	2017	(11,575.01)
135320	KU	9999	0	1981	2016	2,901.24
135320	KU	9999	0	1981	2017	11,575.01
135320	KU	9999	0	1984	2017	(1,255.90)
135320	KU	9999	0	1985	2017	(499,830.16)
135320	KU	9999	0	1992	2017	(190,581.67)
135320	KU	9999	0	1992	2017	(128,543.11)
135320	KU	9999	0	1994	2017	(225,485.84)
135320	KU	9999	0	1995	2017	(1,434,218.52)
135320	KU	9999	0	1995	2017	499,830.16
135320	KU	9999	0	1997	2017	(260,227.87)
135320	KU	9999	0	1998	2017	(1,500,600.96)
135320	KU	9999	0	1998	2017	190,581.67
135320	KU	9999	0	2000	2017	(12,529.10)
135320	KU	9999	0	2000	2017	12,529.10
135320	KU	9999	0	2001	2016	(18,484.12)
135320	KU	9999	0	2001	2017	(176,822.01)
135320	KU	9999	0	2001	2017	52,628.13

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
135320	KU		9999	6	2017	2017	(3,521.71)
135320	KU		9999	9	2016	2017	32,182.05
135320	KU		9999	9	2017	2017	3,521.71
135400	KU		9999	0	1941	2017	(16,881.86)
135400	KU		9999	0	1950	2016	4,182.36
135400	KU		9999	0	1953	2017	(3,715.63)
135400	KU		9999	0	1961	2016	(17,451.48)
135400	KU		9999	0	1961	2017	0.02
135400	KU		9999	0	1971	2017	52,035.65
135400	KU		9999	0	1972	2017	(28,710.91)
135400	KU		9999	0	1973	2016	(943.39)
135400	KU		9999	0	1979	2017	(21,683.92)
135400	KU		9999	0	1985	2016	(17,951.54)
135400	KU		9999	7	2010	2016	834.76
135400	KU		9999	7	2011	2016	7,140.38
135400	KU		9999	7	2012	2016	(911.87)
135400	KU		9999	7	2015	2016	(42,936.24)
135400	KU		9999	9	2015	2016	90,580.13
135400	KU		9999	9	2015	2017	14,997.79
135400	KU		9999	9	2016	2016	32,839.17
135400	KU		9999	9	2016	2017	1,456,141.21
135400	KU		9999	9	2017	2017	122,230.88
135500	KU		9999	0	1941	2016	(1,466.77)
135500	KU		9999	0	1941	2017	(637.56)
135500	KU		9999	0	1942	2016	(1,150.37)
135500	KU		9999	0	1942	2017	(2,259.43)
135500	KU		9999	0	1943	2017	(768.24)
135500	KU		9999	0	1945	2016	(52.78)
135500	KU		9999	0	1945	2017	(51.88)
135500	KU		9999	0	1946	2016	(22.27)
135500	KU		9999	0	1947	2016	(4,983.78)
135500	KU		9999	0	1947	2017	(353.88)
135500	KU		9999	0	1948	2016	(3,953.59)
135500	KU		9999	0	1948	2017	(238.85)
135500	KU		9999	0	1949	2016	(5,180.96)
135500	KU		9999	0	1949	2017	(2,366.46)
135500	KU		9999	0	1950	2016	(1,232.14)
135500	KU		9999	0	1950	2017	(243.12)
135500	KU		9999	0	1951	2016	(22,621.63)
135500	KU		9999	0	1951	2017	(24,194.11)
135500	KU		9999	0	1952	2016	(7,542.12)
135500	KU		9999	0	1952	2017	(2,978.13)
135500	KU		9999	0	1953	2016	(41,225.18)
135500	KU		9999	0	1953	2017	(19,881.35)
135500	KU		9999	0	1954	2016	(952.29)
135500	KU		9999	0	1954	2017	(2,011.74)
135500	KU		9999	0	1955	2016	(16,201.91)
135500	KU		9999	0	1955	2017	(12,532.86)
135500	KU		9999	0	1956	2016	(23,554.62)
135500	KU		9999	0	1956	2017	(25,755.32)
135500	KU		9999	0	1957	2016	(4,483.57)
135500	KU		9999	0	1957	2017	(509.24)
135500	KU		9999	0	1958	2016	(25,907.70)
135500	KU		9999	0	1958	2017	(3,064.51)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135500	KU	9999	0	1959	2016	(12,659.12)
135500	KU	9999	0	1959	2017	(72,565.44)
135500	KU	9999	0	1960	2016	(24,795.54)
135500	KU	9999	0	1960	2017	(14,092.60)
135500	KU	9999	0	1961	2016	(7,386.56)
135500	KU	9999	0	1961	2017	(20,498.08)
135500	KU	9999	0	1962	2016	(8,971.89)
135500	KU	9999	0	1962	2017	(16,577.68)
135500	KU	9999	0	1963	2016	(33,095.54)
135500	KU	9999	0	1963	2017	(23,463.82)
135500	KU	9999	0	1964	2016	(12,422.93)
135500	KU	9999	0	1964	2017	(51,709.73)
135500	KU	9999	0	1965	2016	(13,668.23)
135500	KU	9999	0	1965	2017	(18,412.03)
135500	KU	9999	0	1966	2016	(41,775.86)
135500	KU	9999	0	1966	2017	(63,161.31)
135500	KU	9999	0	1967	2016	(21,231.42)
135500	KU	9999	0	1967	2017	(46,692.20)
135500	KU	9999	0	1968	2016	(1,868.32)
135500	KU	9999	0	1968	2017	(9,684.69)
135500	KU	9999	0	1969	2016	(49,399.78)
135500	KU	9999	0	1969	2017	(120,736.43)
135500	KU	9999	0	1970	2016	(16,999.07)
135500	KU	9999	0	1970	2017	(7,719.04)
135500	KU	9999	0	1971	2016	(23,998.18)
135500	KU	9999	0	1971	2017	(16,482.53)
135500	KU	9999	0	1972	2016	(12,273.89)
135500	KU	9999	0	1972	2017	(123,571.92)
135500	KU	9999	0	1973	2016	(19,958.19)
135500	KU	9999	0	1973	2017	(189,065.84)
135500	KU	9999	0	1974	2016	(16,268.13)
135500	KU	9999	0	1974	2017	(87,322.62)
135500	KU	9999	0	1975	2016	(22,712.96)
135500	KU	9999	0	1975	2017	(27,181.14)
135500	KU	9999	0	1976	2016	(931.52)
135500	KU	9999	0	1976	2017	(17,427.21)
135500	KU	9999	0	1977	2017	(1,377.44)
135500	KU	9999	0	1978	2016	(11,029.74)
135500	KU	9999	0	1978	2017	(12,620.04)
135500	KU	9999	0	1979	2016	(18,535.73)
135500	KU	9999	0	1979	2017	(72,328.11)
135500	KU	9999	0	1980	2016	(6,408.15)
135500	KU	9999	0	1980	2017	(1,154.90)
135500	KU	9999	0	1981	2016	(38,161.96)
135500	KU	9999	0	1981	2017	(87,263.78)
135500	KU	9999	0	1982	2016	(27,217.05)
135500	KU	9999	0	1982	2017	(27,815.81)
135500	KU	9999	0	1983	2016	(6,442.04)
135500	KU	9999	0	1983	2017	(275.42)
135500	KU	9999	0	1984	2016	(21,574.30)
135500	KU	9999	0	1984	2017	(14,544.94)
135500	KU	9999	0	1985	2016	(10,263.94)
135500	KU	9999	0	1985	2017	(171,408.36)
135500	KU	9999	0	1986	2016	(21,461.70)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135500	KU	9999	0	1986	2017	(43,273.16)
135500	KU	9999	0	1987	2016	(22,267.52)
135500	KU	9999	0	1987	2017	(4,251.98)
135500	KU	9999	0	1988	2016	(1,184.51)
135500	KU	9999	0	1988	2017	(34,254.73)
135500	KU	9999	0	1989	2016	(6,735.17)
135500	KU	9999	0	1989	2017	(24,343.18)
135500	KU	9999	0	1990	2016	(23,162.80)
135500	KU	9999	0	1990	2017	(14,833.19)
135500	KU	9999	0	1991	2016	(1,930.25)
135500	KU	9999	0	1991	2017	(9,404.64)
135500	KU	9999	0	1992	2016	(8,543.08)
135500	KU	9999	0	1992	2017	(9,274.96)
135500	KU	9999	0	1993	2016	(3,758.99)
135500	KU	9999	0	1993	2017	(2,569.56)
135500	KU	9999	0	1994	2016	(598.32)
135500	KU	9999	0	1994	2017	(18,063.31)
135500	KU	9999	0	1995	2016	(5,404.99)
135500	KU	9999	0	1995	2017	(38,580.93)
135500	KU	9999	0	1996	2016	(7,073.03)
135500	KU	9999	0	1996	2017	(14,948.76)
135500	KU	9999	0	1997	2016	(2,489.51)
135500	KU	9999	0	1997	2017	(3,686.20)
135500	KU	9999	0	1998	2016	(23,324.99)
135500	KU	9999	0	1998	2017	(14,535.10)
135500	KU	9999	0	1999	2016	(6,030.28)
135500	KU	9999	0	1999	2017	(33,232.54)
135500	KU	9999	0	2000	2016	(22,492.61)
135500	KU	9999	0	2000	2017	(5,836.66)
135500	KU	9999	0	2001	2016	(33,891.62)
135500	KU	9999	0	2001	2017	(63,497.62)
135500	KU	9999	0	2002	2016	(3,773.00)
135500	KU	9999	0	2003	2016	(3,076.04)
135500	KU	9999	0	2003	2017	(13,207.94)
135500	KU	9999	0	2004	2016	(63,610.25)
135500	KU	9999	0	2004	2017	(2,236.37)
135500	KU	9999	0	2005	2016	(14,720.73)
135500	KU	9999	0	2005	2017	(9,646.89)
135500	KU	9999	0	2008	2016	(21,732.22)
135500	KU	9999	0	2009	2016	(52,401.80)
135500	KU	9999	0	2010	2016	(82,537.34)
135500	KU	9999	0	2010	2017	(23,301.50)
135500	KU	9999	0	2011	2016	(329,469.04)
135500	KU	9999	0	2011	2017	(266,540.94)
135500	KU	9999	0	2012	2016	(471,421.04)
135500	KU	9999	0	2012	2017	(198,804.81)
135500	KU	9999	0	2013	2016	(147,436.91)
135500	KU	9999	0	2013	2017	(75,002.42)
135500	KU	9999	0	2014	2016	(201,627.62)
135500	KU	9999	0	2014	2017	(50,978.98)
135500	KU	9999	0	2015	2016	(275,466.85)
135500	KU	9999	0	2015	2017	(141,244.56)
135500	KU	9999	0	2016	2016	(241,774.19)
135500	KU	9999	0	2016	2017	(1,657,855.41)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
135500	KU		9999	6	2000	2016	(6,747.01)
135500	KU		9999	6	2001	2016	(65.52)
135500	KU		9999	6	2002	2016	(51,847.62)
135500	KU		9999	6	2003	2016	(10,255.75)
135500	KU		9999	6	2005	2016	(6,688.99)
135500	KU		9999	6	2007	2016	(45,259.53)
135500	KU		9999	6	2008	2016	(15,595.04)
135500	KU		9999	7	2010	2016	834.74
135500	KU		9999	7	2011	2016	7,140.38
135500	KU		9999	7	2012	2016	(911.86)
135500	KU		9999	7	2013	2016	115.05
135500	KU		9999	7	2013	2017	0.02
135500	KU		9999	7	2014	2016	(300,961.55)
135500	KU		9999	7	2015	2016	(13,757,148.92)
135500	KU		9999	7	2015	2017	(955,698.42)
135500	KU		9999	7	2016	2016	29,744,220.55
135500	KU		9999	7	2016	2017	(29,419,696.63)
135500	KU		9999	7	2017	2017	37,729,463.16
135500	KU		9999	9	2012	2016	(44,326.40)
135500	KU		9999	9	2013	2016	(26,508.73)
135500	KU		9999	9	2014	2016	463,867.75
135500	KU		9999	9	2014	2017	107,973.58
135500	KU		9999	9	2015	2016	11,449,744.95
135500	KU		9999	9	2015	2017	2,729,390.06
135500	KU		9999	9	2016	2016	12,823,723.17
135500	KU		9999	9	2016	2017	31,026,554.45
135500	KU		9999	9	2017	2017	3,691,579.19
135600	KU		9999	0	1941	2016	(22,599.72)
135600	KU		9999	0	1941	2017	(37,126.78)
135600	KU		9999	0	1942	2016	(5,339.19)
135600	KU		9999	0	1942	2017	(9,183.23)
135600	KU		9999	0	1943	2017	(352.70)
135600	KU		9999	0	1944	2017	(40.73)
135600	KU		9999	0	1945	2016	(303.83)
135600	KU		9999	0	1945	2017	(506.85)
135600	KU		9999	0	1946	2016	(38,301.77)
135600	KU		9999	0	1946	2017	19,114.52
135600	KU		9999	0	1947	2016	(1,136.81)
135600	KU		9999	0	1947	2017	(44.00)
135600	KU		9999	0	1948	2016	(320.00)
135600	KU		9999	0	1948	2017	(191.84)
135600	KU		9999	0	1949	2016	(1,706.50)
135600	KU		9999	0	1949	2017	(696.29)
135600	KU		9999	0	1950	2016	(5,906.53)
135600	KU		9999	0	1950	2017	(809.01)
135600	KU		9999	0	1951	2016	(2,564.29)
135600	KU		9999	0	1951	2017	(9,144.16)
135600	KU		9999	0	1952	2016	(3,634.71)
135600	KU		9999	0	1952	2017	(1,758.83)
135600	KU		9999	0	1953	2016	(21,472.23)
135600	KU		9999	0	1953	2017	(1,447.89)
135600	KU		9999	0	1954	2016	(11,127.78)
135600	KU		9999	0	1954	2017	(468.85)
135600	KU		9999	0	1955	2016	(28,853.91)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135600	KU	9999	0	1955	2017	(2,474.43)
135600	KU	9999	0	1956	2016	(14,171.48)
135600	KU	9999	0	1956	2017	(18,440.34)
135600	KU	9999	0	1957	2016	(28.64)
135600	KU	9999	0	1957	2017	(1,553.08)
135600	KU	9999	0	1958	2016	(4,263.23)
135600	KU	9999	0	1958	2017	(1,686.82)
135600	KU	9999	0	1959	2016	(3,799.54)
135600	KU	9999	0	1959	2017	(15,708.30)
135600	KU	9999	0	1960	2016	(23,259.84)
135600	KU	9999	0	1960	2017	3,178.42
135600	KU	9999	0	1961	2016	(6,202.56)
135600	KU	9999	0	1961	2017	(468.07)
135600	KU	9999	0	1962	2016	(2,065.47)
135600	KU	9999	0	1962	2017	660.43
135600	KU	9999	0	1963	2016	(22,987.07)
135600	KU	9999	0	1963	2017	(5,961.12)
135600	KU	9999	0	1964	2016	(360.73)
135600	KU	9999	0	1964	2017	(98.81)
135600	KU	9999	0	1965	2016	(1,031.24)
135600	KU	9999	0	1965	2017	(216.51)
135600	KU	9999	0	1966	2016	(2,504.28)
135600	KU	9999	0	1966	2017	(9,368.89)
135600	KU	9999	0	1967	2016	(810.98)
135600	KU	9999	0	1967	2017	(17,262.22)
135600	KU	9999	0	1968	2016	(290.59)
135600	KU	9999	0	1968	2017	(7,235.95)
135600	KU	9999	0	1969	2016	(1,107.37)
135600	KU	9999	0	1969	2017	(27,626.90)
135600	KU	9999	0	1970	2016	(49.86)
135600	KU	9999	0	1970	2017	(6,474.70)
135600	KU	9999	0	1971	2016	(8,390.06)
135600	KU	9999	0	1971	2017	(1,814.90)
135600	KU	9999	0	1972	2016	(5,487.92)
135600	KU	9999	0	1972	2017	(5,924.65)
135600	KU	9999	0	1973	2016	(25,677.98)
135600	KU	9999	0	1973	2017	(7,222.28)
135600	KU	9999	0	1974	2016	158.05
135600	KU	9999	0	1974	2017	(1,255.10)
135600	KU	9999	0	1975	2016	(664.27)
135600	KU	9999	0	1975	2017	(1,123.68)
135600	KU	9999	0	1976	2017	(11,780.43)
135600	KU	9999	0	1977	2017	(20.28)
135600	KU	9999	0	1978	2017	(59,494.55)
135600	KU	9999	0	1979	2016	(931.89)
135600	KU	9999	0	1979	2017	(1,949.78)
135600	KU	9999	0	1980	2016	(36,610.61)
135600	KU	9999	0	1980	2017	(997.34)
135600	KU	9999	0	1981	2016	(17,629.05)
135600	KU	9999	0	1981	2017	(31,901.30)
135600	KU	9999	0	1982	2016	(973.60)
135600	KU	9999	0	1982	2017	(7,086.24)
135600	KU	9999	0	1983	2017	(485.14)
135600	KU	9999	0	1984	2016	(23,529.14)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135600	KU	9999	0	1984	2017	(39.55)
135600	KU	9999	0	1985	2016	(668.45)
135600	KU	9999	0	1985	2017	(16,411.00)
135600	KU	9999	0	1986	2017	(103,690.58)
135600	KU	9999	0	1987	2016	(5,477.68)
135600	KU	9999	0	1987	2017	3,794.59
135600	KU	9999	0	1988	2016	(1,926.14)
135600	KU	9999	0	1988	2017	(80,220.73)
135600	KU	9999	0	1989	2016	(16,535.13)
135600	KU	9999	0	1990	2016	(602.58)
135600	KU	9999	0	1990	2017	(287.32)
135600	KU	9999	0	1991	2017	(70,126.84)
135600	KU	9999	0	1992	2016	(260.01)
135600	KU	9999	0	1992	2017	(6,853.25)
135600	KU	9999	0	1993	2016	(6,707.49)
135600	KU	9999	0	1994	2016	(516.68)
135600	KU	9999	0	1994	2017	(1,540.58)
135600	KU	9999	0	1995	2016	(3,679.03)
135600	KU	9999	0	1995	2017	(38,025.03)
135600	KU	9999	0	1996	2016	(3,896.97)
135600	KU	9999	0	1996	2017	(1,063.45)
135600	KU	9999	0	1997	2016	(10,065.40)
135600	KU	9999	0	1997	2017	(575.74)
135600	KU	9999	0	1998	2016	(9.54)
135600	KU	9999	0	1998	2017	(31.02)
135600	KU	9999	0	1999	2017	(181.87)
135600	KU	9999	0	2000	2016	(715.55)
135600	KU	9999	0	2001	2016	(782.92)
135600	KU	9999	0	2002	2016	(1,985.66)
135600	KU	9999	0	2002	2017	(3,193.61)
135600	KU	9999	0	2003	2016	(347.13)
135600	KU	9999	0	2003	2017	(73,082.50)
135600	KU	9999	0	2004	2016	(3,050.61)
135600	KU	9999	0	2005	2016	(12,548.36)
135600	KU	9999	0	2005	2017	(26,750.04)
135600	KU	9999	0	2006	2016	(7,253.38)
135600	KU	9999	0	2006	2017	(59,639.41)
135600	KU	9999	0	2007	2016	(13.94)
135600	KU	9999	0	2007	2017	(51,194.13)
135600	KU	9999	0	2008	2016	(44,079.05)
135600	KU	9999	0	2008	2017	(5.19)
135600	KU	9999	0	2009	2016	(493,893.77)
135600	KU	9999	0	2009	2017	(2,585.38)
135600	KU	9999	0	2010	2016	(171,481.51)
135600	KU	9999	0	2010	2017	(20,705.63)
135600	KU	9999	0	2011	2016	(250,528.40)
135600	KU	9999	0	2011	2017	(60,765.65)
135600	KU	9999	0	2012	2016	(265,201.16)
135600	KU	9999	0	2012	2017	(306,538.42)
135600	KU	9999	0	2013	2016	(148,807.11)
135600	KU	9999	0	2013	2017	(74,869.38)
135600	KU	9999	0	2014	2016	(82,042.87)
135600	KU	9999	0	2014	2017	(59,762.53)
135600	KU	9999	0	2015	2016	(136,953.79)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135600	KU	9999	0	2015	2017	(366,954.71)
135600	KU	9999	0	2016	2016	(137,814.97)
135600	KU	9999	0	2016	2017	(312,559.30)
135600	KU	9999	0	2017	2017	(186.75)
135600	KU	9999	7	2010	2016	834.76
135600	KU	9999	7	2011	2016	7,140.38
135600	KU	9999	7	2012	2016	(911.87)
135600	KU	9999	7	2013	2016	115.03
135600	KU	9999	7	2013	2017	(0.02)
135600	KU	9999	7	2014	2016	(300,961.37)
135600	KU	9999	7	2015	2016	(7,412,936.60)
135600	KU	9999	7	2015	2017	(473,854.66)
135600	KU	9999	7	2016	2016	10,147,253.05
135600	KU	9999	7	2016	2017	(9,910,599.43)
135600	KU	9999	7	2017	2017	10,651,434.76
135600	KU	9999	9	2012	2016	(190,503.59)
135600	KU	9999	9	2013	2016	(11,123.59)
135600	KU	9999	9	2014	2016	204,955.30
135600	KU	9999	9	2014	2017	625.76
135600	KU	9999	9	2015	2016	2,350,387.65
135600	KU	9999	9	2015	2017	284,345.83
135600	KU	9999	9	2016	2016	3,224,901.23
135600	KU	9999	9	2016	2017	4,146,316.13
135600	KU	9999	9	2017	2017	1,022,860.85
135800	KU	9999	0	1962	2017	(566.96)
135800	KU	9999	0	2009	2016	(2,412.09)
135800	KU	9999	6	2009	2016	(54,177.15)
135800	KU	9999	7	2017	2017	450.91
135800	KU	9999	9	2015	2016	1,730.09
135800	KU	9999	9	2016	2017	6,855.72
135800	KU	9999	9	2017	2017	173,910.56
135915	KU	9999	9	2010	2016	32,711.92
135915	KU	9999	9	2010	2017	(11,824.21)
135917	KU	9999	9	2011	2016	122,519.28
136020	KU	9999	0	1995	2017	(14,378.77)
136020	KU	9999	6	2010	2017	792,599.21
136020	KU	9999	6	2017	2017	(240,853.29)
136020	KU	9999	9	2016	2017	9,399.51
136020	KU	9999	9	2017	2017	240,853.29
136025	KU	9999	6	2017	2017	240,853.29
136100	KU	9999	0	1941	2017	(126.44)
136100	KU	9999	0	1947	2017	(903.85)
136100	KU	9999	0	1952	2017	(5.30)
136100	KU	9999	0	1954	2017	(909.79)
136100	KU	9999	0	1955	2017	(1,066.45)
136100	KU	9999	0	1956	2016	(1,508.78)
136100	KU	9999	0	1957	2017	(1,206.07)
136100	KU	9999	0	1959	2016	(789.11)
136100	KU	9999	0	1960	2016	(619.46)
136100	KU	9999	0	1961	2016	(139.07)
136100	KU	9999	0	1961	2017	(109.30)
136100	KU	9999	0	1962	2017	(1,286.47)
136100	KU	9999	0	1964	2017	(62.59)
136100	KU	9999	0	1965	2017	(1,646.73)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136100	KU	9999	0	1967	2016	(1,432.68)
136100	KU	9999	0	1967	2017	(92.67)
136100	KU	9999	0	1969	2016	(1,037.59)
136100	KU	9999	0	1970	2016	(1,359.12)
136100	KU	9999	0	1972	2017	(375.51)
136100	KU	9999	0	1973	2016	(1,744.33)
136100	KU	9999	0	1973	2017	(118.40)
136100	KU	9999	0	1976	2017	(578.91)
136100	KU	9999	0	1979	2016	(6,687.46)
136100	KU	9999	0	1979	2017	(1,711.19)
136100	KU	9999	0	1982	2017	(150.06)
136100	KU	9999	0	1984	2017	(15,759.07)
136100	KU	9999	0	1994	2017	(2,788.57)
136100	KU	9999	0	1998	2017	(192.83)
136100	KU	9999	0	2014	2017	(20,883.17)
136100	KU	9999	0	2015	2017	(24,565.17)
136100	KU	9999	6	1971	2016	1,063.85
136100	KU	9999	6	1987	2016	3,883.12
136100	KU	9999	6	1992	2017	(468.96)
136100	KU	9999	6	2001	2017	(1,818.49)
136100	KU	9999	6	2015	2017	(71,337.33)
136100	KU	9999	7	2015	2016	(140,840.82)
136100	KU	9999	7	2015	2017	(28,282.81)
136100	KU	9999	7	2016	2016	1,823,891.89
136100	KU	9999	7	2016	2017	(254,014.56)
136100	KU	9999	7	2017	2017	87,886.96
136100	KU	9999	9	2011	2016	(56,037.58)
136100	KU	9999	9	2011	2017	(29,856.60)
136100	KU	9999	9	2015	2016	134,541.05
136100	KU	9999	9	2016	2016	283,010.08
136100	KU	9999	9	2016	2017	1,817,129.30
136100	KU	9999	9	2017	2017	214,244.03
136200	KU	9999	0	1934	2017	(1,455.51)
136200	KU	9999	0	1935	2017	(3,176.82)
136200	KU	9999	0	1940	2017	(61.51)
136200	KU	9999	0	1941	2016	(1,711.89)
136200	KU	9999	0	1941	2017	(98.92)
136200	KU	9999	0	1942	2017	(1,087.74)
136200	KU	9999	0	1944	2017	(2,393.99)
136200	KU	9999	0	1947	2016	(286.57)
136200	KU	9999	0	1947	2017	(2,640.31)
136200	KU	9999	0	1950	2017	(190.35)
136200	KU	9999	0	1951	2017	(6.97)
136200	KU	9999	0	1952	2016	(2,631.71)
136200	KU	9999	0	1952	2017	(5,080.84)
136200	KU	9999	0	1953	2016	(16,953.40)
136200	KU	9999	0	1953	2017	(71.09)
136200	KU	9999	0	1954	2016	(1,087.32)
136200	KU	9999	0	1954	2017	(7,877.14)
136200	KU	9999	0	1955	2016	(3,097.47)
136200	KU	9999	0	1955	2017	(99.15)
136200	KU	9999	0	1956	2016	(281.47)
136200	KU	9999	0	1956	2017	(1,765.50)
136200	KU	9999	0	1957	2016	(1,479.91)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136200	KU	9999	0	1957	2017	(1,329.46)
136200	KU	9999	0	1958	2016	(1,418.43)
136200	KU	9999	0	1958	2017	(2,689.12)
136200	KU	9999	0	1959	2017	(80.68)
136200	KU	9999	0	1960	2016	(167.56)
136200	KU	9999	0	1961	2016	(4,424.41)
136200	KU	9999	0	1961	2017	(1,617.82)
136200	KU	9999	0	1962	2016	(1,017.71)
136200	KU	9999	0	1962	2017	(77,783.24)
136200	KU	9999	0	1963	2016	(23,300.70)
136200	KU	9999	0	1963	2017	(13,335.22)
136200	KU	9999	0	1964	2016	(2,141.04)
136200	KU	9999	0	1964	2017	(4,031.18)
136200	KU	9999	0	1965	2016	(15,360.32)
136200	KU	9999	0	1965	2017	(32,894.80)
136200	KU	9999	0	1966	2016	(5,911.81)
136200	KU	9999	0	1966	2017	(36,018.19)
136200	KU	9999	0	1967	2016	(4,100.83)
136200	KU	9999	0	1967	2017	(14,399.96)
136200	KU	9999	0	1968	2016	(11,779.59)
136200	KU	9999	0	1968	2017	(43,932.10)
136200	KU	9999	0	1969	2016	(4,528.23)
136200	KU	9999	0	1969	2017	(23,890.24)
136200	KU	9999	0	1970	2016	(10,711.37)
136200	KU	9999	0	1970	2017	(21,035.65)
136200	KU	9999	0	1971	2016	(55,860.50)
136200	KU	9999	0	1971	2017	41,991.36
136200	KU	9999	0	1972	2016	(52,819.13)
136200	KU	9999	0	1972	2017	(21,780.09)
136200	KU	9999	0	1973	2016	(5,366.48)
136200	KU	9999	0	1973	2017	(21,362.37)
136200	KU	9999	0	1974	2016	(1,334.51)
136200	KU	9999	0	1974	2017	(187.31)
136200	KU	9999	0	1975	2016	(68,693.62)
136200	KU	9999	0	1975	2017	(1,405.96)
136200	KU	9999	0	1976	2016	(9,270.48)
136200	KU	9999	0	1976	2017	(7,229.36)
136200	KU	9999	0	1977	2016	(496.33)
136200	KU	9999	0	1977	2017	(1,177.03)
136200	KU	9999	0	1978	2016	(124,466.15)
136200	KU	9999	0	1978	2017	(2,715.74)
136200	KU	9999	0	1979	2016	(13,842.03)
136200	KU	9999	0	1979	2017	(44,101.48)
136200	KU	9999	0	1980	2016	(2,384.35)
136200	KU	9999	0	1980	2017	(94,093.68)
136200	KU	9999	0	1981	2016	(38,702.77)
136200	KU	9999	0	1981	2017	(13,790.63)
136200	KU	9999	0	1982	2017	(22,264.57)
136200	KU	9999	0	1983	2016	(1,187.41)
136200	KU	9999	0	1983	2017	22,819.72
136200	KU	9999	0	1984	2016	(487.52)
136200	KU	9999	0	1984	2017	(273,977.58)
136200	KU	9999	0	1985	2016	(2,350.97)
136200	KU	9999	0	1986	2016	(6,803.84)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136200	KU	9999	0	1986	2017	(87,910.90)
136200	KU	9999	0	1987	2016	(10,697.77)
136200	KU	9999	0	1987	2017	(741.61)
136200	KU	9999	0	1988	2016	(3,161.17)
136200	KU	9999	0	1988	2017	(17,724.24)
136200	KU	9999	0	1989	2016	(2,272.36)
136200	KU	9999	0	1989	2017	(3,335.16)
136200	KU	9999	0	1990	2017	(6,501.29)
136200	KU	9999	0	1991	2016	(2,973.76)
136200	KU	9999	0	1991	2017	(775.28)
136200	KU	9999	0	1992	2016	(61,484.43)
136200	KU	9999	0	1992	2017	702,594.89
136200	KU	9999	0	1993	2017	(15,462.37)
136200	KU	9999	0	1994	2016	(33,460.10)
136200	KU	9999	0	1994	2017	(955,361.18)
136200	KU	9999	0	1995	2016	(16,457.28)
136200	KU	9999	0	1995	2017	(149,261.62)
136200	KU	9999	0	1995	2016	130.63
136200	KU	9999	0	1995	2017	(12,108.38)
136200	KU	9999	0	1996	2016	130.63
136200	KU	9999	0	1996	2017	(12,108.38)
136200	KU	9999	0	1996	2016	(130.63)
136200	KU	9999	0	1996	2017	12,108.38
136200	KU	9999	0	1997	2016	(6,920.71)
136200	KU	9999	0	1997	2017	(32,463.43)
136200	KU	9999	0	1998	2016	(82.92)
136200	KU	9999	0	1998	2017	(30,163.17)
136200	KU	9999	0	1999	2016	(6,503.14)
136200	KU	9999	0	1999	2017	(114,428.79)
136200	KU	9999	0	2000	2017	(225,914.11)
136200	KU	9999	0	2001	2017	(5,331.72)
136200	KU	9999	0	2002	2017	(4,609.99)
136200	KU	9999	0	2003	2016	(6,428.90)
136200	KU	9999	0	2003	2017	(9,510.54)
136200	KU	9999	0	2004	2017	(32,653.36)
136200	KU	9999	0	2005	2017	0.02
136200	KU	9999	0	2006	2016	(6,639.18)
136200	KU	9999	0	2006	2017	(29,595.57)
136200	KU	9999	0	2007	2016	(22,995.87)
136200	KU	9999	0	2008	2016	(3,374.53)
136200	KU	9999	0	2009	2016	(136,916.79)
136200	KU	9999	0	2009	2017	(11,808.22)
136200	KU	9999	0	2010	2016	(48,017.10)
136200	KU	9999	0	2010	2017	(7,963.53)
136200	KU	9999	0	2011	2016	(17,216.74)
136200	KU	9999	0	2011	2017	(23,307.80)
136200	KU	9999	0	2012	2016	(9,720.05)
136200	KU	9999	0	2012	2017	(21,498.97)
136200	KU	9999	0	2013	2017	(6,858.79)
136200	KU	9999	0	2014	2016	(4,743.41)
136200	KU	9999	0	2014	2017	(38,778.28)
136200	KU	9999	0	2015	2016	(2,758.19)
136200	KU	9999	0	2015	2017	(13,618.31)
136200	KU	9999	0	2016	2017	(14,853.83)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136200	KU	9999	6	1956	2017	32,824.50
136200	KU	9999	6	1965	2017	15,383.76
136200	KU	9999	6	1971	2016	21,389.54
136200	KU	9999	6	1974	2017	(2,047.43)
136200	KU	9999	6	1987	2016	467.40
136200	KU	9999	6	1988	2017	(890.88)
136200	KU	9999	6	1992	2017	(84,585.90)
136200	KU	9999	6	1994	2017	28,419.67
136200	KU	9999	6	1995	2017	5,688.54
136200	KU	9999	6	1995	2017	(6,363.10)
136200	KU	9999	6	1996	2017	(6,363.10)
136200	KU	9999	6	1996	2017	6,363.10
136200	KU	9999	6	1997	2017	(20,016.29)
136200	KU	9999	6	1998	2017	(78,276.21)
136200	KU	9999	6	1999	2017	(155,074.91)
136200	KU	9999	6	2000	2017	105,069.05
136200	KU	9999	6	2001	2016	133,336.28
136200	KU	9999	6	2001	2017	(138,628.94)
136200	KU	9999	6	2002	2017	(68,285.10)
136200	KU	9999	6	2003	2017	(68,963.25)
136200	KU	9999	6	2004	2016	(2,717.40)
136200	KU	9999	6	2005	2017	121,022.51
136200	KU	9999	6	2006	2016	(6,556.26)
136200	KU	9999	6	2006	2017	(39,540.97)
136200	KU	9999	6	2007	2017	(13,833.51)
136200	KU	9999	6	2008	2017	(9,703.65)
136200	KU	9999	6	2009	2017	(35,527.01)
136200	KU	9999	6	2010	2017	(23,353.40)
136200	KU	9999	6	2011	2017	(15,733.00)
136200	KU	9999	6	2012	2017	(68,137.04)
136200	KU	9999	6	2013	2016	(38,506.03)
136200	KU	9999	6	2013	2017	(25,147.17)
136200	KU	9999	6	2014	2016	(137,908.37)
136200	KU	9999	6	2014	2017	(59,393.04)
136200	KU	9999	6	2015	2016	(11,121.69)
136200	KU	9999	6	2015	2017	(28,298.52)
136200	KU	9999	6	2016	2017	(27,762.50)
136200	KU	9999	6	2017	2017	(8,155.09)
136200	KU	9999	7	2012	2017	(779.19)
136200	KU	9999	7	2014	2016	737.23
136200	KU	9999	7	2014	2017	(737.23)
136200	KU	9999	7	2015	2016	(1,334,441.99)
136200	KU	9999	7	2015	2017	(1,166,605.04)
136200	KU	9999	7	2016	2016	10,820,611.05
136200	KU	9999	7	2016	2017	(10,434,322.33)
136200	KU	9999	7	2017	2017	13,379,377.51
136200	KU	9999	9	1956	2016	15.29
136200	KU	9999	9	2011	2016	(91,512.22)
136200	KU	9999	9	2011	2017	(48,757.33)
136200	KU	9999	9	2014	2016	1,923.47
136200	KU	9999	9	2014	2017	737.23
136200	KU	9999	9	2015	2016	2,455,053.57
136200	KU	9999	9	2015	2017	774,840.41
136200	KU	9999	9	2016	2016	3,638,032.10

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136200	KU	9999	9	2016	2017	8,263,387.72
136200	KU	9999	9	2017	2017	2,067,515.81
136400	KU	9999	0	1941	2016	(4,471.59)
136400	KU	9999	0	1941	2017	(3,960.11)
136400	KU	9999	0	1941	2017	(624.94)
136400	KU	9999	0	1942	2016	(2,053.87)
136400	KU	9999	0	1942	2017	(1,356.68)
136400	KU	9999	0	1942	2017	624.94
136400	KU	9999	0	1943	2016	(469.43)
136400	KU	9999	0	1943	2017	(26.87)
136400	KU	9999	0	1944	2016	(291.92)
136400	KU	9999	0	1944	2017	(394.08)
136400	KU	9999	0	1945	2016	(159.70)
136400	KU	9999	0	1945	2017	(10.51)
136400	KU	9999	0	1946	2016	(16,991.89)
136400	KU	9999	0	1946	2017	(4,248.10)
136400	KU	9999	0	1947	2016	(2,505.21)
136400	KU	9999	0	1947	2017	(10,338.60)
136400	KU	9999	0	1948	2016	(8,108.12)
136400	KU	9999	0	1948	2017	(8,599.92)
136400	KU	9999	0	1949	2016	(18,741.80)
136400	KU	9999	0	1949	2017	(18,816.05)
136400	KU	9999	0	1950	2016	(27,163.71)
136400	KU	9999	0	1950	2017	(13,205.57)
136400	KU	9999	0	1951	2016	(25,370.38)
136400	KU	9999	0	1951	2017	(45,240.92)
136400	KU	9999	0	1952	2016	(18,803.80)
136400	KU	9999	0	1952	2017	(13,181.79)
136400	KU	9999	0	1953	2016	(3,138.50)
136400	KU	9999	0	1953	2017	(9,263.07)
136400	KU	9999	0	1954	2016	(1,280.88)
136400	KU	9999	0	1954	2017	(180.34)
136400	KU	9999	0	1955	2016	(3,101.54)
136400	KU	9999	0	1955	2017	(5,276.04)
136400	KU	9999	0	1956	2016	(6,954.98)
136400	KU	9999	0	1956	2017	(26,389.66)
136400	KU	9999	0	1957	2016	(6,339.39)
136400	KU	9999	0	1957	2017	(13,348.24)
136400	KU	9999	0	1958	2016	(3,302.57)
136400	KU	9999	0	1958	2017	(4,854.67)
136400	KU	9999	0	1959	2016	(4,506.82)
136400	KU	9999	0	1959	2017	(11,893.23)
136400	KU	9999	0	1960	2016	(6,103.62)
136400	KU	9999	0	1960	2017	(874.81)
136400	KU	9999	0	1961	2016	(7,683.48)
136400	KU	9999	0	1961	2017	(12,411.29)
136400	KU	9999	0	1962	2016	(5,989.40)
136400	KU	9999	0	1962	2017	(9,828.92)
136400	KU	9999	0	1963	2016	(9,377.49)
136400	KU	9999	0	1963	2017	(11,106.88)
136400	KU	9999	0	1964	2016	(9,682.50)
136400	KU	9999	0	1964	2017	(14,268.94)
136400	KU	9999	0	1965	2016	(12,207.76)
136400	KU	9999	0	1965	2017	(12,035.18)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136400	KU		9999	0	1966	2016	(8,858.07)
136400	KU		9999	0	1966	2017	(13,259.42)
136400	KU		9999	0	1967	2016	(8,992.53)
136400	KU		9999	0	1967	2017	(12,013.54)
136400	KU		9999	0	1968	2016	(14,274.71)
136400	KU		9999	0	1968	2017	(11,977.34)
136400	KU		9999	0	1969	2016	(10,577.80)
136400	KU		9999	0	1969	2017	(15,652.17)
136400	KU		9999	0	1970	2016	(8,174.24)
136400	KU		9999	0	1970	2017	(11,617.10)
136400	KU		9999	0	1971	2016	(11,921.20)
136400	KU		9999	0	1971	2017	(17,462.04)
136400	KU		9999	0	1972	2016	(9,402.06)
136400	KU		9999	0	1972	2017	(12,418.09)
136400	KU		9999	0	1973	2016	(14,523.76)
136400	KU		9999	0	1973	2017	(19,229.77)
136400	KU		9999	0	1974	2016	(13,533.51)
136400	KU		9999	0	1974	2017	(19,985.13)
136400	KU		9999	0	1975	2016	(9,428.33)
136400	KU		9999	0	1975	2017	(12,712.73)
136400	KU		9999	0	1976	2016	(11,837.49)
136400	KU		9999	0	1976	2017	(14,145.35)
136400	KU		9999	0	1977	2016	(11,766.36)
136400	KU		9999	0	1977	2017	(17,456.90)
136400	KU		9999	0	1978	2016	(12,354.23)
136400	KU		9999	0	1978	2017	(17,830.46)
136400	KU		9999	0	1979	2016	(15,057.73)
136400	KU		9999	0	1979	2017	(20,501.64)
136400	KU		9999	0	1980	2016	(15,770.61)
136400	KU		9999	0	1980	2017	(19,055.16)
136400	KU		9999	0	1981	2016	(18,370.17)
136400	KU		9999	0	1981	2017	(22,540.00)
136400	KU		9999	0	1982	2016	(18,911.60)
136400	KU		9999	0	1982	2017	(21,073.18)
136400	KU		9999	0	1983	2016	(23,314.92)
136400	KU		9999	0	1983	2017	(29,899.16)
136400	KU		9999	0	1984	2016	(19,050.14)
136400	KU		9999	0	1984	2017	(18,112.39)
136400	KU		9999	0	1985	2016	(20,859.87)
136400	KU		9999	0	1985	2017	(28,341.70)
136400	KU		9999	0	1986	2016	(25,162.17)
136400	KU		9999	0	1986	2017	(28,779.64)
136400	KU		9999	0	1987	2016	(27,146.65)
136400	KU		9999	0	1987	2017	(36,075.04)
136400	KU		9999	0	1988	2016	(29,357.96)
136400	KU		9999	0	1988	2017	(28,979.18)
136400	KU		9999	0	1989	2016	(27,504.28)
136400	KU		9999	0	1989	2017	(29,057.60)
136400	KU		9999	0	1990	2016	(27,236.28)
136400	KU		9999	0	1990	2017	(31,999.86)
136400	KU		9999	0	1991	2016	(25,894.76)
136400	KU		9999	0	1991	2017	(24,195.95)
136400	KU		9999	0	1992	2016	(33,143.99)
136400	KU		9999	0	1992	2017	(38,536.10)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136400	KU		9999	0	1993	2016	(34,091.27)
136400	KU		9999	0	1993	2017	(35,660.18)
136400	KU		9999	0	1994	2016	(42,490.54)
136400	KU		9999	0	1994	2017	(47,870.95)
136400	KU		9999	0	1995	2016	(48,564.78)
136400	KU		9999	0	1995	2017	(49,637.18)
136400	KU		9999	0	1996	2016	(51,345.81)
136400	KU		9999	0	1996	2017	(41,533.95)
136400	KU		9999	0	1997	2016	(44,577.59)
136400	KU		9999	0	1997	2017	(39,142.97)
136400	KU		9999	0	1998	2016	(40,680.74)
136400	KU		9999	0	1998	2017	(35,686.67)
136400	KU		9999	0	1999	2016	(20,928.30)
136400	KU		9999	0	1999	2017	(21,456.54)
136400	KU		9999	0	2000	2016	(41,736.75)
136400	KU		9999	0	2000	2017	(58,801.37)
136400	KU		9999	0	2001	2016	(18,219.94)
136400	KU		9999	0	2001	2017	(47,122.19)
136400	KU		9999	0	2002	2016	(36,671.68)
136400	KU		9999	0	2002	2017	(41,104.23)
136400	KU		9999	0	2003	2016	(97,863.87)
136400	KU		9999	0	2003	2017	(64,243.47)
136400	KU		9999	0	2004	2016	(41,389.81)
136400	KU		9999	0	2004	2017	(67,850.05)
136400	KU		9999	0	2005	2016	(7,321.63)
136400	KU		9999	0	2005	2017	(10,342.74)
136400	KU		9999	0	2006	2016	(3,092.26)
136400	KU		9999	0	2006	2017	(5,016.28)
136400	KU		9999	0	2007	2016	(47,155.88)
136400	KU		9999	0	2007	2017	(34,484.54)
136400	KU		9999	0	2008	2016	(31,878.97)
136400	KU		9999	0	2008	2017	(54,757.04)
136400	KU		9999	0	2009	2016	(107,135.09)
136400	KU		9999	0	2009	2017	(89,085.91)
136400	KU		9999	0	2010	2016	(29,374.02)
136400	KU		9999	0	2010	2017	(65,103.93)
136400	KU		9999	0	2011	2016	(41,032.99)
136400	KU		9999	0	2011	2017	(64,952.04)
136400	KU		9999	0	2012	2016	(37,982.84)
136400	KU		9999	0	2012	2017	(63,727.90)
136400	KU		9999	0	2013	2016	(8,737.98)
136400	KU		9999	0	2013	2017	(40,106.90)
136400	KU		9999	0	2014	2016	(96,027.36)
136400	KU		9999	0	2014	2017	(43,472.29)
136400	KU		9999	0	2015	2016	(24,256.19)
136400	KU		9999	0	2015	2017	(12,725.72)
136400	KU		9999	7	2009	2016	(0.01)
136400	KU		9999	7	2010	2016	(1,608.50)
136400	KU		9999	7	2011	2016	(14,126.35)
136400	KU		9999	7	2012	2016	230,266.76
136400	KU		9999	7	2013	2016	(159,338.57)
136400	KU		9999	7	2013	2017	(86,699.61)
136400	KU		9999	7	2014	2016	131,691.96
136400	KU		9999	7	2014	2017	167,736.04

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136400	KU	9999	7	2015	2016	(2,071,762.59)
136400	KU	9999	7	2015	2017	(2,044,299.24)
136400	KU	9999	7	2016	2016	7,584,147.96
136400	KU	9999	7	2016	2017	(7,518,115.71)
136400	KU	9999	7	2017	2017	3,824,383.33
136400	KU	9999	9	2011	2017	(479,853.96)
136400	KU	9999	9	2012	2016	2,383.76
136400	KU	9999	9	2013	2016	437,252.23
136400	KU	9999	9	2013	2017	175,717.52
136400	KU	9999	9	2014	2016	1,512,289.31
136400	KU	9999	9	2014	2017	3,298,440.47
136400	KU	9999	9	2015	2016	13,615,905.43
136400	KU	9999	9	2015	2017	8,851,448.92
136400	KU	9999	9	2016	2016	1,978,218.00
136400	KU	9999	9	2016	2017	6,723,590.89
136400	KU	9999	9	2017	2017	1,624,712.59
136500	KU	9999	0	1941	2016	(13,074.68)
136500	KU	9999	0	1941	2017	(5,557.64)
136500	KU	9999	0	1942	2016	(3,106.42)
136500	KU	9999	0	1942	2017	(1,311.12)
136500	KU	9999	0	1943	2016	(3,179.95)
136500	KU	9999	0	1943	2017	(1,642.39)
136500	KU	9999	0	1944	2016	(3,949.14)
136500	KU	9999	0	1944	2017	(2,904.36)
136500	KU	9999	0	1945	2016	(10,170.46)
136500	KU	9999	0	1945	2017	(8,520.77)
136500	KU	9999	0	1946	2016	(13,113.73)
136500	KU	9999	0	1946	2017	(10,679.22)
136500	KU	9999	0	1947	2016	(9,859.45)
136500	KU	9999	0	1947	2017	(9,167.16)
136500	KU	9999	0	1948	2016	(29,514.63)
136500	KU	9999	0	1948	2017	(16,584.72)
136500	KU	9999	0	1949	2016	(37,916.54)
136500	KU	9999	0	1949	2017	(30,701.79)
136500	KU	9999	0	1950	2016	(50,172.30)
136500	KU	9999	0	1950	2017	(64,498.75)
136500	KU	9999	0	1951	2016	(37,237.83)
136500	KU	9999	0	1951	2017	(54,694.57)
136500	KU	9999	0	1952	2016	(50,683.68)
136500	KU	9999	0	1952	2017	(64,100.73)
136500	KU	9999	0	1953	2016	(54,611.56)
136500	KU	9999	0	1953	2017	(68,609.76)
136500	KU	9999	0	1954	2016	(34,861.25)
136500	KU	9999	0	1954	2017	(35,178.25)
136500	KU	9999	0	1955	2016	(45,379.53)
136500	KU	9999	0	1955	2017	(61,305.92)
136500	KU	9999	0	1956	2016	(41,715.19)
136500	KU	9999	0	1956	2017	(42,434.74)
136500	KU	9999	0	1957	2016	(39,833.73)
136500	KU	9999	0	1957	2017	(39,673.14)
136500	KU	9999	0	1958	2016	(34,327.78)
136500	KU	9999	0	1958	2017	(28,032.78)
136500	KU	9999	0	1959	2016	(31,897.98)
136500	KU	9999	0	1959	2017	(28,496.54)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136500	KU		9999	0	1960	2016	(19,861.49)
136500	KU		9999	0	1960	2017	(13,625.55)
136500	KU		9999	0	1961	2016	(31,385.04)
136500	KU		9999	0	1961	2017	(27,349.34)
136500	KU		9999	0	1962	2016	(25,253.68)
136500	KU		9999	0	1962	2017	(17,680.32)
136500	KU		9999	0	1963	2016	11,725.74
136500	KU		9999	0	1963	2017	(25,045.84)
136500	KU		9999	0	1964	2016	(42,580.73)
136500	KU		9999	0	1964	2017	(27,249.93)
136500	KU		9999	0	1965	2016	(50,549.79)
136500	KU		9999	0	1965	2017	(31,911.18)
136500	KU		9999	0	1966	2016	(40,768.75)
136500	KU		9999	0	1966	2017	(27,857.63)
136500	KU		9999	0	1967	2016	(47,709.20)
136500	KU		9999	0	1967	2017	(33,126.58)
136500	KU		9999	0	1968	2016	(45,398.56)
136500	KU		9999	0	1968	2017	(33,306.01)
136500	KU		9999	0	1969	2016	(41,723.25)
136500	KU		9999	0	1969	2017	(36,706.64)
136500	KU		9999	0	1970	2016	(39,294.09)
136500	KU		9999	0	1970	2017	(31,815.83)
136500	KU		9999	0	1971	2016	(53,423.44)
136500	KU		9999	0	1971	2017	(42,968.17)
136500	KU		9999	0	1972	2016	(48,732.47)
136500	KU		9999	0	1972	2017	(32,461.54)
136500	KU		9999	0	1973	2016	(55,074.96)
136500	KU		9999	0	1973	2017	(36,472.05)
136500	KU		9999	0	1974	2016	(70,067.19)
136500	KU		9999	0	1974	2017	(50,575.29)
136500	KU		9999	0	1975	2016	(41,596.99)
136500	KU		9999	0	1975	2017	(32,589.55)
136500	KU		9999	0	1976	2016	(44,430.32)
136500	KU		9999	0	1976	2017	(29,466.78)
136500	KU		9999	0	1977	2016	(50,630.82)
136500	KU		9999	0	1977	2017	(32,383.99)
136500	KU		9999	0	1978	2016	(50,208.23)
136500	KU		9999	0	1978	2017	(40,012.76)
136500	KU		9999	0	1979	2016	(59,694.62)
136500	KU		9999	0	1979	2017	(44,708.34)
136500	KU		9999	0	1980	2016	(58,589.51)
136500	KU		9999	0	1980	2017	(49,375.43)
136500	KU		9999	0	1981	2016	(51,800.82)
136500	KU		9999	0	1981	2017	(34,004.47)
136500	KU		9999	0	1982	2016	(66,241.85)
136500	KU		9999	0	1982	2017	(43,958.82)
136500	KU		9999	0	1983	2016	(47,979.43)
136500	KU		9999	0	1983	2017	(39,321.80)
136500	KU		9999	0	1984	2016	(35,808.88)
136500	KU		9999	0	1984	2017	(28,981.44)
136500	KU		9999	0	1985	2016	(36,564.82)
136500	KU		9999	0	1985	2017	(22,123.45)
136500	KU		9999	0	1986	2016	(46,959.27)
136500	KU		9999	0	1986	2017	(29,602.61)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136500	KU		9999	0	1987	2016	(56,874.71)
136500	KU		9999	0	1987	2017	(31,467.40)
136500	KU		9999	0	1988	2016	(48,947.13)
136500	KU		9999	0	1988	2017	(42,068.32)
136500	KU		9999	0	1989	2016	(63,098.75)
136500	KU		9999	0	1989	2017	(41,042.67)
136500	KU		9999	0	1990	2016	(61,933.22)
136500	KU		9999	0	1990	2017	(36,074.15)
136500	KU		9999	0	1991	2016	(46,617.80)
136500	KU		9999	0	1991	2017	(42,315.65)
136500	KU		9999	0	1992	2016	(49,785.49)
136500	KU		9999	0	1992	2017	(28,719.62)
136500	KU		9999	0	1993	2016	(43,628.18)
136500	KU		9999	0	1993	2017	(28,455.18)
136500	KU		9999	0	1994	2016	(67,015.74)
136500	KU		9999	0	1994	2017	(35,769.77)
136500	KU		9999	0	1995	2016	(74,425.48)
136500	KU		9999	0	1995	2017	(52,469.71)
136500	KU		9999	0	1996	2016	(64,739.12)
136500	KU		9999	0	1996	2017	(54,018.08)
136500	KU		9999	0	1997	2016	(55,987.03)
136500	KU		9999	0	1997	2017	(33,964.08)
136500	KU		9999	0	1998	2016	(45,400.55)
136500	KU		9999	0	1998	2017	(66,265.34)
136500	KU		9999	0	1999	2016	(32,073.40)
136500	KU		9999	0	1999	2017	(17,775.29)
136500	KU		9999	0	2000	2016	(62,739.78)
136500	KU		9999	0	2000	2017	(26,267.10)
136500	KU		9999	0	2001	2016	(78,388.65)
136500	KU		9999	0	2001	2017	(40,927.18)
136500	KU		9999	0	2002	2016	(54,255.69)
136500	KU		9999	0	2002	2017	(38,782.77)
136500	KU		9999	0	2003	2016	(157,637.56)
136500	KU		9999	0	2003	2017	(158,399.40)
136500	KU		9999	0	2004	2016	(198,920.94)
136500	KU		9999	0	2004	2017	(140,328.89)
136500	KU		9999	0	2005	2016	(22,225.94)
136500	KU		9999	0	2005	2017	(36,472.51)
136500	KU		9999	0	2006	2016	(10,640.00)
136500	KU		9999	0	2006	2017	(11,891.58)
136500	KU		9999	0	2007	2016	(108,164.58)
136500	KU		9999	0	2007	2017	(39,924.90)
136500	KU		9999	0	2008	2016	(211,171.70)
136500	KU		9999	0	2008	2017	(176,967.98)
136500	KU		9999	0	2009	2016	(1,442,479.17)
136500	KU		9999	0	2009	2017	(530,958.34)
136500	KU		9999	0	2010	2016	(496,737.01)
136500	KU		9999	0	2010	2017	(450,650.04)
136500	KU		9999	0	2011	2016	(924,684.80)
136500	KU		9999	0	2011	2017	(575,386.10)
136500	KU		9999	0	2012	2016	(1,034,446.88)
136500	KU		9999	0	2012	2017	(693,261.94)
136500	KU		9999	0	2013	2016	(359,819.80)
136500	KU		9999	0	2013	2017	(255,077.06)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136500	KU		9999	0	2014	2016	(1,171,199.36)
136500	KU		9999	0	2014	2017	(1,245,382.93)
136500	KU		9999	0	2015	2016	(817,025.85)
136500	KU		9999	0	2015	2017	(1,448,506.82)
136500	KU		9999	0	2016	2016	(201,146.57)
136500	KU		9999	0	2016	2017	(232,783.47)
136500	KU		9999	0	2017	2017	(85,011.73)
136500	KU		9999	6	2009	2016	54,177.15
136500	KU		9999	6	2014	2016	(32,249.00)
136500	KU		9999	7	2011	2016	(11,296.54)
136500	KU		9999	7	2012	2016	226,869.93
136500	KU		9999	7	2013	2016	(41,320.01)
136500	KU		9999	7	2013	2017	(141,897.23)
136500	KU		9999	7	2014	2016	525,808.24
136500	KU		9999	7	2014	2017	(1,146,237.08)
136500	KU		9999	7	2015	2016	(3,573,387.19)
136500	KU		9999	7	2015	2017	(1,603,146.79)
136500	KU		9999	7	2016	2016	9,521,247.40
136500	KU		9999	7	2016	2017	(8,963,908.59)
136500	KU		9999	7	2017	2017	9,441,696.34
136500	KU		9999	9	1996	2016	(177.24)
136500	KU		9999	9	1997	2016	(80.40)
136500	KU		9999	9	1997	2017	162.96
136500	KU		9999	9	2011	2017	(153,348.37)
136500	KU		9999	9	2013	2016	369,766.18
136500	KU		9999	9	2013	2017	159,166.89
136500	KU		9999	9	2014	2016	2,951,848.96
136500	KU		9999	9	2014	2017	3,798,460.66
136500	KU		9999	9	2015	2016	12,757,858.10
136500	KU		9999	9	2015	2017	8,761,869.69
136500	KU		9999	9	2016	2016	4,600,490.71
136500	KU		9999	9	2016	2017	5,453,192.71
136500	KU		9999	9	2017	2017	6,631,736.46
136600	KU		9999	0	1968	2016	(48.67)
136600	KU		9999	0	1976	2016	(504.11)
136600	KU		9999	0	1986	2016	(473.66)
136600	KU		9999	0	1987	2016	(627.16)
136600	KU		9999	0	1989	2016	(196.46)
136600	KU		9999	0	1998	2016	(293.15)
136600	KU		9999	0	2000	2016	(293.15)
136600	KU		9999	0	2000	2016	293.15
136600	KU		9999	0	2003	2016	(9.01)
136600	KU		9999	0	2004	2016	(33.84)
136600	KU		9999	7	2016	2016	29,793.25
136600	KU		9999	7	2016	2017	(29,793.25)
136600	KU		9999	9	2013	2016	8,943.39
136600	KU		9999	9	2015	2016	125,445.77
136600	KU		9999	9	2016	2016	177,653.02
136600	KU		9999	9	2016	2017	29,793.25
136700	KU		9999	0	1967	2016	(31.44)
136700	KU		9999	0	1967	2017	(50.82)
136700	KU		9999	0	1968	2016	(245.68)
136700	KU		9999	0	1968	2017	(437.66)
136700	KU		9999	0	1968	2016	(639.68)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136700	KU	9999	0	1968	2017	(618.22)
136700	KU	9999	0	1969	2016	(639.68)
136700	KU	9999	0	1969	2017	(618.22)
136700	KU	9999	0	1969	2016	639.68
136700	KU	9999	0	1969	2017	618.22
136700	KU	9999	0	1970	2016	(220.37)
136700	KU	9999	0	1970	2017	(211.50)
136700	KU	9999	0	1971	2016	(133.90)
136700	KU	9999	0	1971	2017	(176.99)
136700	KU	9999	0	1972	2016	(806.33)
136700	KU	9999	0	1972	2017	(1,379.03)
136700	KU	9999	0	1973	2016	(199.14)
136700	KU	9999	0	1973	2017	(463.13)
136700	KU	9999	0	1974	2016	(3,627.26)
136700	KU	9999	0	1974	2017	(3,140.79)
136700	KU	9999	0	1975	2016	(1,437.50)
136700	KU	9999	0	1975	2017	(3,044.31)
136700	KU	9999	0	1976	2016	(1,863.62)
136700	KU	9999	0	1976	2017	(2,275.69)
136700	KU	9999	0	1977	2016	(1,156.72)
136700	KU	9999	0	1977	2017	(1,738.75)
136700	KU	9999	0	1978	2016	(1,998.35)
136700	KU	9999	0	1978	2017	(2,377.48)
136700	KU	9999	0	1979	2016	(1,593.20)
136700	KU	9999	0	1979	2017	(2,361.49)
136700	KU	9999	0	1980	2016	(2,208.03)
136700	KU	9999	0	1980	2017	(3,168.72)
136700	KU	9999	0	1981	2016	(1,355.07)
136700	KU	9999	0	1981	2017	(2,104.58)
136700	KU	9999	0	1982	2016	(1,306.31)
136700	KU	9999	0	1982	2017	(1,637.33)
136700	KU	9999	0	1983	2016	(1,702.25)
136700	KU	9999	0	1983	2017	(1,989.68)
136700	KU	9999	0	1984	2016	(1,116.08)
136700	KU	9999	0	1984	2017	(1,762.71)
136700	KU	9999	0	1985	2016	(1,258.91)
136700	KU	9999	0	1985	2017	(1,585.54)
136700	KU	9999	0	1986	2016	(2,177.55)
136700	KU	9999	0	1986	2017	(2,718.90)
136700	KU	9999	0	1987	2016	(2,753.07)
136700	KU	9999	0	1987	2017	(3,343.10)
136700	KU	9999	0	1988	2016	(4,518.09)
136700	KU	9999	0	1988	2017	(4,102.30)
136700	KU	9999	0	1989	2016	(4,394.23)
136700	KU	9999	0	1989	2017	(6,578.50)
136700	KU	9999	0	1990	2016	(1,641.19)
136700	KU	9999	0	1990	2017	(2,949.83)
136700	KU	9999	0	1991	2016	(2,176.64)
136700	KU	9999	0	1991	2017	(2,780.40)
136700	KU	9999	0	1992	2016	(2,007.58)
136700	KU	9999	0	1992	2017	(3,006.75)
136700	KU	9999	0	1993	2016	(3,037.40)
136700	KU	9999	0	1993	2017	(4,570.72)
136700	KU	9999	0	1994	2016	(5,791.08)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136700	KU		9999	0	1994	2017	(9,861.82)
136700	KU		9999	0	1995	2016	(7,651.37)
136700	KU		9999	0	1995	2017	(15,379.91)
136700	KU		9999	0	1996	2016	(7,813.54)
136700	KU		9999	0	1996	2017	(13,832.40)
136700	KU		9999	0	1997	2016	(6,376.96)
136700	KU		9999	0	1997	2017	(13,061.12)
136700	KU		9999	0	1998	2016	(5,811.33)
136700	KU		9999	0	1998	2017	(12,260.54)
136700	KU		9999	0	1999	2016	(34,324.89)
136700	KU		9999	0	1999	2017	(118,100.38)
136700	KU		9999	0	2000	2016	(41,429.47)
136700	KU		9999	0	2000	2017	(18,393.95)
136700	KU		9999	0	2001	2016	(17,869.83)
136700	KU		9999	0	2001	2017	(19,662.18)
136700	KU		9999	0	2002	2016	(14,963.42)
136700	KU		9999	0	2002	2017	(20,445.76)
136700	KU		9999	0	2003	2016	(10,683.19)
136700	KU		9999	0	2003	2017	(29,612.43)
136700	KU		9999	0	2004	2016	(14,402.90)
136700	KU		9999	0	2004	2017	(15,771.55)
136700	KU		9999	0	2005	2016	(52,956.60)
136700	KU		9999	0	2005	2017	(72,870.86)
136700	KU		9999	0	2006	2016	(2,718.21)
136700	KU		9999	0	2006	2017	(237.97)
136700	KU		9999	0	2007	2016	(21,833.30)
136700	KU		9999	0	2007	2017	(11,870.25)
136700	KU		9999	0	2008	2016	(92,878.99)
136700	KU		9999	0	2008	2017	(41,349.50)
136700	KU		9999	0	2009	2016	(236,480.06)
136700	KU		9999	0	2009	2017	(174,924.22)
136700	KU		9999	0	2010	2016	(58,796.96)
136700	KU		9999	0	2010	2017	(10,084.69)
136700	KU		9999	0	2011	2016	(79,020.02)
136700	KU		9999	0	2011	2017	(39,162.78)
136700	KU		9999	0	2012	2016	(29,346.68)
136700	KU		9999	0	2012	2017	(24,423.88)
136700	KU		9999	0	2013	2016	(4,869.35)
136700	KU		9999	0	2013	2017	(2,915.94)
136700	KU		9999	0	2014	2016	(49,606.31)
136700	KU		9999	0	2014	2017	(38,851.99)
136700	KU		9999	0	2015	2016	(76,250.93)
136700	KU		9999	0	2015	2017	(103,229.42)
136700	KU		9999	0	2016	2016	(5,630.30)
136700	KU		9999	0	2016	2017	(9,601.96)
136700	KU		9999	0	2017	2017	(3,303.01)
136700	KU		9999	7	2009	2016	(0.01)
136700	KU		9999	7	2010	2016	0.01
136700	KU		9999	7	2011	2016	7,140.38
136700	KU		9999	7	2012	2016	(408.81)
136700	KU		9999	7	2013	2016	89,642.58
136700	KU		9999	7	2013	2017	(63,832.63)
136700	KU		9999	7	2014	2016	1,256,310.11
136700	KU		9999	7	2014	2017	(942,332.08)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136700	KU		9999	7	2015	2016	(526,138.10)
136700	KU		9999	7	2015	2017	(597,995.04)
136700	KU		9999	7	2016	2016	2,186,204.25
136700	KU		9999	7	2016	2017	(1,538,839.26)
136700	KU		9999	7	2017	2017	766,047.75
136700	KU		9999	9	2013	2016	56,507.51
136700	KU		9999	9	2013	2017	73,693.85
136700	KU		9999	9	2014	2016	711,069.63
136700	KU		9999	9	2014	2017	610,214.77
136700	KU		9999	9	2015	2016	4,762,441.93
136700	KU		9999	9	2015	2017	5,090,031.97
136700	KU		9999	9	2016	2016	447,215.03
136700	KU		9999	9	2016	2017	687,136.28
136700	KU		9999	9	2017	2017	1,587,474.61
136800	KU		9999	0	1941	2016	(425.34)
136800	KU		9999	0	1941	2017	(5,631.65)
136800	KU		9999	0	1942	2016	(126.09)
136800	KU		9999	0	1943	2016	(154.14)
136800	KU		9999	0	1943	2017	(1,027.61)
136800	KU		9999	0	1945	2017	(3,768.95)
136800	KU		9999	0	1946	2016	(377.52)
136800	KU		9999	0	1946	2017	(11,043.18)
136800	KU		9999	0	1946	2017	1,119.99
136800	KU		9999	0	1947	2017	(4,305.33)
136800	KU		9999	0	1947	2017	(1,119.99)
136800	KU		9999	0	1948	2016	(377.94)
136800	KU		9999	0	1948	2017	(9,771.94)
136800	KU		9999	0	1949	2016	(551.49)
136800	KU		9999	0	1949	2017	(25,812.04)
136800	KU		9999	0	1950	2016	(552.76)
136800	KU		9999	0	1950	2017	(17,990.49)
136800	KU		9999	0	1951	2016	(684.21)
136800	KU		9999	0	1951	2017	(15,099.82)
136800	KU		9999	0	1952	2016	(1,108.08)
136800	KU		9999	0	1952	2017	(34,122.28)
136800	KU		9999	0	1953	2016	(4,691.31)
136800	KU		9999	0	1953	2017	(9,236.38)
136800	KU		9999	0	1954	2017	(8,727.35)
136800	KU		9999	0	1955	2016	(1,122.01)
136800	KU		9999	0	1955	2017	(30,266.81)
136800	KU		9999	0	1956	2016	(645.62)
136800	KU		9999	0	1956	2017	(9,420.56)
136800	KU		9999	0	1957	2016	(8,727.70)
136800	KU		9999	0	1957	2017	(16,785.49)
136800	KU		9999	0	1958	2016	(7,871.07)
136800	KU		9999	0	1958	2017	(48,557.70)
136800	KU		9999	0	1959	2016	(5,021.13)
136800	KU		9999	0	1959	2017	(47,366.99)
136800	KU		9999	0	1960	2016	(9,032.17)
136800	KU		9999	0	1960	2017	(43,359.77)
136800	KU		9999	0	1961	2016	(7,223.75)
136800	KU		9999	0	1961	2017	(47,806.65)
136800	KU		9999	0	1962	2016	(6,517.47)
136800	KU		9999	0	1962	2017	(40,150.52)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136800	KU		9999	0	1963	2016	(9,230.41)
136800	KU		9999	0	1963	2017	(53,895.10)
136800	KU		9999	0	1964	2016	(9,842.49)
136800	KU		9999	0	1964	2017	(58,792.78)
136800	KU		9999	0	1965	2016	(10,342.81)
136800	KU		9999	0	1965	2017	(88,223.97)
136800	KU		9999	0	1966	2016	(11,674.52)
136800	KU		9999	0	1966	2017	(103,165.28)
136800	KU		9999	0	1967	2016	(21,054.24)
136800	KU		9999	0	1967	2017	(146,233.24)
136800	KU		9999	0	1968	2016	(11,262.25)
136800	KU		9999	0	1968	2017	(163,129.09)
136800	KU		9999	0	1969	2016	(18,599.55)
136800	KU		9999	0	1969	2017	(153,691.75)
136800	KU		9999	0	1970	2016	(42,452.59)
136800	KU		9999	0	1970	2017	(188,547.68)
136800	KU		9999	0	1971	2016	(31,648.35)
136800	KU		9999	0	1971	2017	(187,284.38)
136800	KU		9999	0	1972	2016	(32,109.27)
136800	KU		9999	0	1972	2017	(190,619.19)
136800	KU		9999	0	1973	2016	(47,939.33)
136800	KU		9999	0	1973	2017	(306,014.41)
136800	KU		9999	0	1974	2016	(87,603.31)
136800	KU		9999	0	1974	2017	(296,500.46)
136800	KU		9999	0	1975	2016	(23,819.02)
136800	KU		9999	0	1975	2017	(108,454.54)
136800	KU		9999	0	1976	2016	(22,600.09)
136800	KU		9999	0	1976	2017	(146,427.93)
136800	KU		9999	0	1977	2016	(68,845.29)
136800	KU		9999	0	1977	2017	(330,747.22)
136800	KU		9999	0	1978	2016	(70,766.31)
136800	KU		9999	0	1978	2017	(308,895.99)
136800	KU		9999	0	1979	2016	(63,362.79)
136800	KU		9999	0	1979	2017	(249,084.89)
136800	KU		9999	0	1980	2016	(21,062.79)
136800	KU		9999	0	1980	2017	(135,258.34)
136800	KU		9999	0	1981	2016	(23,197.27)
136800	KU		9999	0	1981	2017	(153,379.03)
136800	KU		9999	0	1982	2016	(53,114.56)
136800	KU		9999	0	1982	2017	(250,107.47)
136800	KU		9999	0	1983	2016	(51,172.16)
136800	KU		9999	0	1983	2017	(228,573.74)
136800	KU		9999	0	1984	2016	(35,415.26)
136800	KU		9999	0	1984	2017	(128,595.78)
136800	KU		9999	0	1985	2016	(34,228.36)
136800	KU		9999	0	1985	2017	(200,311.70)
136800	KU		9999	0	1986	2016	(26,343.96)
136800	KU		9999	0	1986	2017	(170,780.19)
136800	KU		9999	0	1987	2016	(30,589.19)
136800	KU		9999	0	1987	2017	(178,575.55)
136800	KU		9999	0	1988	2016	(52,605.49)
136800	KU		9999	0	1988	2017	(240,222.95)
136800	KU		9999	0	1989	2016	(36,750.48)
136800	KU		9999	0	1989	2017	(202,687.47)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136800	KU		9999	0	1990	2016	(26,612.61)
136800	KU		9999	0	1990	2017	(160,279.35)
136800	KU		9999	0	1991	2016	(23,624.85)
136800	KU		9999	0	1991	2017	(132,970.60)
136800	KU		9999	0	1992	2016	(24,708.09)
136800	KU		9999	0	1992	2017	(168,320.21)
136800	KU		9999	0	1993	2016	(40,271.78)
136800	KU		9999	0	1993	2017	(236,645.06)
136800	KU		9999	0	1994	2016	(33,187.22)
136800	KU		9999	0	1994	2017	(220,035.58)
136800	KU		9999	0	1995	2016	(27,475.59)
136800	KU		9999	0	1995	2017	(316,731.52)
136800	KU		9999	0	1996	2016	(23,662.91)
136800	KU		9999	0	1996	2017	(449,070.70)
136800	KU		9999	0	1997	2016	(20,870.03)
136800	KU		9999	0	1997	2017	(171,909.49)
136800	KU		9999	0	1998	2016	(29,833.94)
136800	KU		9999	0	1998	2017	(125,274.85)
136800	KU		9999	0	1999	2017	(1,109,088.88)
136800	KU		9999	0	2000	2016	(18,441.00)
136800	KU		9999	0	2000	2017	(170,411.37)
136800	KU		9999	0	2001	2016	(14,145.68)
136800	KU		9999	0	2001	2017	(134,897.16)
136800	KU		9999	0	2002	2016	(11,380.14)
136800	KU		9999	0	2002	2017	(49,797.44)
136800	KU		9999	0	2003	2017	(48,775.15)
136800	KU		9999	0	2004	2016	(27,436.93)
136800	KU		9999	0	2004	2017	(85,659.13)
136800	KU		9999	0	2005	2016	(17,501.45)
136800	KU		9999	0	2005	2017	(49,599.77)
136800	KU		9999	0	2006	2016	(3,485.15)
136800	KU		9999	0	2006	2017	(59,195.66)
136800	KU		9999	0	2007	2016	(1,867.23)
136800	KU		9999	0	2007	2017	(7,642.80)
136800	KU		9999	0	2008	2016	(12,247.17)
136800	KU		9999	0	2008	2017	(193,241.75)
136800	KU		9999	0	2009	2016	(41,952.82)
136800	KU		9999	0	2009	2017	(49,177.88)
136800	KU		9999	0	2010	2016	(13,187.63)
136800	KU		9999	0	2010	2017	(767.22)
136800	KU		9999	0	2011	2016	(13,371.34)
136800	KU		9999	0	2011	2017	(147,936.90)
136800	KU		9999	0	2012	2016	(30,956.95)
136800	KU		9999	0	2014	2017	(107,182.37)
136800	KU		9999	0	2015	2016	(4,107.83)
136800	KU		9999	0	2016	2016	(498.57)
136800	KU		9999	7	2014	2016	2,252,784.30
136800	KU		9999	7	2014	2017	531,887.02
136800	KU		9999	7	2015	2016	(6,938.66)
136800	KU		9999	7	2015	2017	(45,115.85)
136800	KU		9999	7	2016	2016	5,158.51
136800	KU		9999	7	2016	2017	(5,158.51)
136800	KU		9999	7	2017	2017	115,022.83
136800	KU		9999	9	2014	2016	5,308,263.23

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136800	KU		9999	9	2014	2017	7,238,967.45
136800	KU		9999	9	2015	2016	31,514.31
136800	KU		9999	9	2015	2017	49,975.54
136800	KU		9999	9	2016	2016	478,409.36
136800	KU		9999	9	2016	2017	96,856.58
136800	KU		9999	9	2017	2017	597,779.95
136900	KU		9999	0	1941	2016	(8.53)
136900	KU		9999	0	1941	2017	(1,240.89)
136900	KU		9999	0	1942	2016	(22.82)
136900	KU		9999	0	1942	2017	(2,361.70)
136900	KU		9999	0	1944	2016	(38.96)
136900	KU		9999	0	1944	2017	(1,928.21)
136900	KU		9999	0	1945	2016	(11.10)
136900	KU		9999	0	1945	2017	(3,644.83)
136900	KU		9999	0	1946	2016	(71.84)
136900	KU		9999	0	1946	2017	(4,848.89)
136900	KU		9999	0	1947	2016	(340.60)
136900	KU		9999	0	1947	2017	(62,392.36)
136900	KU		9999	0	1948	2016	(382.96)
136900	KU		9999	0	1948	2017	(50.54)
136900	KU		9999	0	1949	2016	(415.95)
136900	KU		9999	0	1949	2017	(45.33)
136900	KU		9999	0	1950	2016	(220.62)
136900	KU		9999	0	1951	2016	(235.76)
136900	KU		9999	0	1952	2016	(296.12)
136900	KU		9999	0	1953	2016	(106.30)
136900	KU		9999	0	1954	2016	(49.15)
136900	KU		9999	0	1955	2016	(174.01)
136900	KU		9999	0	1956	2016	(436.87)
136900	KU		9999	0	1957	2016	(433.49)
136900	KU		9999	0	1958	2016	(319.75)
136900	KU		9999	0	1959	2016	(435.06)
136900	KU		9999	0	1959	2017	(1,219.82)
136900	KU		9999	0	1960	2016	(85.17)
136900	KU		9999	0	1961	2016	(354.62)
136900	KU		9999	0	1961	2017	(831.03)
136900	KU		9999	0	1962	2016	(316.24)
136900	KU		9999	0	1963	2016	(373.22)
136900	KU		9999	0	1964	2016	(358.11)
136900	KU		9999	0	1965	2016	(263.22)
136900	KU		9999	0	1966	2016	(270.82)
136900	KU		9999	0	1967	2016	(557.95)
136900	KU		9999	0	1968	2016	(521.37)
136900	KU		9999	0	1969	2016	(666.29)
136900	KU		9999	0	1970	2016	(607.71)
136900	KU		9999	0	1971	2016	(928.74)
136900	KU		9999	0	1972	2016	(1,655.09)
136900	KU		9999	0	1973	2016	(694.99)
136900	KU		9999	0	1974	2016	(2,181.79)
136900	KU		9999	0	1975	2016	(1,790.99)
136900	KU		9999	0	1976	2016	(2,157.28)
136900	KU		9999	0	1977	2016	(2,829.82)
136900	KU		9999	0	1978	2016	(5,470.21)
136900	KU		9999	0	1979	2016	(3,419.88)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
136900	KU		9999	0	1980	2016	(3,221.06)
136900	KU		9999	0	1981	2016	(4,073.21)
136900	KU		9999	0	1982	2016	(3,966.04)
136900	KU		9999	0	1983	2016	(10,253.96)
136900	KU		9999	0	1984	2016	(10,585.15)
136900	KU		9999	0	1985	2016	(9,626.87)
136900	KU		9999	0	1986	2016	(6,733.33)
136900	KU		9999	0	1987	2016	(4,824.40)
136900	KU		9999	0	1988	2016	(9,561.32)
136900	KU		9999	0	1989	2016	(8,634.02)
136900	KU		9999	0	1990	2016	(9,402.31)
136900	KU		9999	0	1991	2016	(7,834.63)
136900	KU		9999	0	1992	2016	(8,972.57)
136900	KU		9999	0	1993	2016	(12,592.10)
136900	KU		9999	0	1994	2016	(13,262.45)
136900	KU		9999	0	1995	2016	(16,560.50)
136900	KU		9999	0	1996	2016	(15,878.95)
136900	KU		9999	0	1997	2016	(18,052.61)
136900	KU		9999	0	1998	2016	(16,405.96)
136900	KU		9999	0	2000	2016	(11,923.25)
136900	KU		9999	0	2001	2016	(7,386.42)
136900	KU		9999	0	2002	2016	(7,360.01)
136900	KU		9999	0	2004	2016	(81.41)
136900	KU		9999	0	2006	2016	(81.99)
136900	KU		9999	0	2007	2016	(16.27)
136900	KU		9999	0	2008	2017	(4.09)
136900	KU		9999	0	2009	2017	(4.09)
136900	KU		9999	0	2009	2017	4.09
136900	KU		9999	0	2010	2016	(11.49)
136900	KU		9999	0	2010	2017	(390.14)
136900	KU		9999	0	2011	2016	(21.58)
136900	KU		9999	0	2011	2017	(2,018.98)
136900	KU		9999	0	2012	2016	(0.59)
136900	KU		9999	0	2014	2016	(3,143.73)
136900	KU		9999	0	2015	2016	(3,118.38)
136900	KU		9999	7	2013	2016	37,081.48
136900	KU		9999	7	2013	2017	(48,039.69)
136900	KU		9999	7	2014	2016	5,007.30
136900	KU		9999	7	2014	2017	(1,009.62)
136900	KU		9999	7	2015	2016	(120,778.77)
136900	KU		9999	7	2015	2017	(65,003.34)
136900	KU		9999	7	2016	2016	79,352.88
136900	KU		9999	7	2016	2017	(79,352.88)
136900	KU		9999	7	2017	2017	18,541.65
136900	KU		9999	9	2013	2016	1,182,270.68
136900	KU		9999	9	2013	2017	3,004,233.68
136900	KU		9999	9	2014	2016	3,904,580.47
136900	KU		9999	9	2014	2017	4,473,862.28
136900	KU		9999	9	2015	2016	3,767,782.64
136900	KU		9999	9	2015	2017	3,668,426.26
137000	KU		9999	0	1941	2016	(321.59)
137000	KU		9999	0	1941	2017	(3,193.38)
137000	KU		9999	0	1943	2016	(65.65)
137000	KU		9999	0	1945	2016	(2,930.75)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137000	KU	9999	0	1946	2016	(90.82)
137000	KU	9999	0	1947	2016	(2,624.06)
137000	KU	9999	0	1948	2016	(1,517.94)
137000	KU	9999	0	1949	2016	(2,942.06)
137000	KU	9999	0	1949	2017	(41,768.99)
137000	KU	9999	0	1950	2016	(376.42)
137000	KU	9999	0	1950	2017	(21,490.75)
137000	KU	9999	0	1951	2016	(1,972.53)
137000	KU	9999	0	1951	2017	(11,989.73)
137000	KU	9999	0	1952	2016	(3,168.80)
137000	KU	9999	0	1952	2017	(4,232.97)
137000	KU	9999	0	1953	2016	(310.18)
137000	KU	9999	0	1953	2017	(1,894.19)
137000	KU	9999	0	1954	2016	(2,425.95)
137000	KU	9999	0	1955	2016	(625.85)
137000	KU	9999	0	1955	2017	(38.69)
137000	KU	9999	0	1956	2016	(270.73)
137000	KU	9999	0	1956	2017	(913.97)
137000	KU	9999	0	1957	2016	(356.34)
137000	KU	9999	0	1957	2017	(3,751.08)
137000	KU	9999	0	1958	2016	(1,665.49)
137000	KU	9999	0	1958	2017	(223,603.09)
137000	KU	9999	0	1959	2016	(1,484.38)
137000	KU	9999	0	1959	2017	(218,837.12)
137000	KU	9999	0	1960	2016	(2,214.09)
137000	KU	9999	0	1960	2017	(7,287.77)
137000	KU	9999	0	1961	2016	(1,705.76)
137000	KU	9999	0	1961	2017	(9,516.03)
137000	KU	9999	0	1962	2016	(2,392.27)
137000	KU	9999	0	1962	2017	(8,109.17)
137000	KU	9999	0	1963	2016	(1,750.11)
137000	KU	9999	0	1963	2017	(10,353.03)
137000	KU	9999	0	1964	2016	(1,484.17)
137000	KU	9999	0	1964	2017	(14,962.27)
137000	KU	9999	0	1965	2016	(2,287.04)
137000	KU	9999	0	1965	2017	(16,539.51)
137000	KU	9999	0	1966	2016	(2,276.71)
137000	KU	9999	0	1966	2017	(15,348.09)
137000	KU	9999	0	1967	2016	(2,118.79)
137000	KU	9999	0	1967	2017	(13,409.28)
137000	KU	9999	0	1968	2016	(2,897.96)
137000	KU	9999	0	1968	2017	(14,694.18)
137000	KU	9999	0	1969	2016	(1,997.00)
137000	KU	9999	0	1969	2017	(31,548.89)
137000	KU	9999	0	1970	2016	(2,742.54)
137000	KU	9999	0	1970	2017	(22,683.10)
137000	KU	9999	0	1971	2016	(3,020.18)
137000	KU	9999	0	1971	2017	(16,785.68)
137000	KU	9999	0	1972	2016	(2,291.31)
137000	KU	9999	0	1972	2017	(13,792.44)
137000	KU	9999	0	1973	2016	(3,474.56)
137000	KU	9999	0	1973	2017	(15,120.28)
137000	KU	9999	0	1974	2016	(7,237.55)
137000	KU	9999	0	1974	2017	(57,814.91)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137000	KU		9999	0	1975	2016	(3,309.57)
137000	KU		9999	0	1975	2017	(18,271.73)
137000	KU		9999	0	1976	2016	(3,943.87)
137000	KU		9999	0	1976	2017	(27,583.42)
137000	KU		9999	0	1977	2016	(3,763.48)
137000	KU		9999	0	1977	2017	(29,863.05)
137000	KU		9999	0	1978	2016	(4,041.51)
137000	KU		9999	0	1978	2017	(23,873.73)
137000	KU		9999	0	1979	2016	(5,881.32)
137000	KU		9999	0	1979	2017	(66,078.67)
137000	KU		9999	0	1980	2016	(1,545.07)
137000	KU		9999	0	1980	2017	(27,235.12)
137000	KU		9999	0	1981	2016	(2,095.25)
137000	KU		9999	0	1981	2017	(17,466.34)
137000	KU		9999	0	1982	2016	(2,809.09)
137000	KU		9999	0	1982	2017	(39,248.54)
137000	KU		9999	0	1983	2016	(2,576.30)
137000	KU		9999	0	1983	2017	(60,524.23)
137000	KU		9999	0	1984	2016	(2,214.25)
137000	KU		9999	0	1984	2017	(18,794.80)
137000	KU		9999	0	1985	2016	(2,494.90)
137000	KU		9999	0	1985	2017	(53,990.65)
137000	KU		9999	0	1986	2016	(3,440.51)
137000	KU		9999	0	1986	2017	(51,753.60)
137000	KU		9999	0	1987	2016	(2,842.44)
137000	KU		9999	0	1987	2017	(30,625.35)
137000	KU		9999	0	1988	2016	(3,241.59)
137000	KU		9999	0	1988	2017	(53,574.13)
137000	KU		9999	0	1989	2016	(1,424.82)
137000	KU		9999	0	1989	2017	(26,121.24)
137000	KU		9999	0	1990	2016	(3,187.41)
137000	KU		9999	0	1990	2017	(36,452.73)
137000	KU		9999	0	1991	2016	(2,617.08)
137000	KU		9999	0	1991	2017	(31,708.33)
137000	KU		9999	0	1992	2016	(1,875.62)
137000	KU		9999	0	1992	2017	(26,775.71)
137000	KU		9999	0	1993	2016	(1,329.44)
137000	KU		9999	0	1993	2017	(26,381.50)
137000	KU		9999	0	1994	2016	(2,155.67)
137000	KU		9999	0	1994	2017	(37,551.94)
137000	KU		9999	0	1995	2016	(3,078.73)
137000	KU		9999	0	1995	2017	(46,756.79)
137000	KU		9999	0	1996	2016	(3,158.67)
137000	KU		9999	0	1996	2017	(47,133.47)
137000	KU		9999	0	1997	2016	(2,388.96)
137000	KU		9999	0	1997	2017	(42,814.15)
137000	KU		9999	0	1998	2016	(1,788.98)
137000	KU		9999	0	1998	2017	(24,720.01)
137000	KU		9999	0	2000	2016	(4,391.29)
137000	KU		9999	0	2000	2017	(55,666.03)
137000	KU		9999	0	2001	2016	(965.44)
137000	KU		9999	0	2001	2017	(21,432.87)
137000	KU		9999	0	2002	2016	(399,435.94)
137000	KU		9999	0	2002	2017	(13,091.11)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137000	KU		9999	0	2003	2016	(86,888.52)
137000	KU		9999	0	2003	2017	(29,935.51)
137000	KU		9999	0	2004	2016	(7,536.48)
137000	KU		9999	0	2004	2017	(112,598.34)
137000	KU		9999	0	2006	2016	(109,691.03)
137000	KU		9999	0	2006	2017	(18,206.59)
137000	KU		9999	0	2007	2016	(70,481.18)
137000	KU		9999	0	2007	2017	(3,843.48)
137000	KU		9999	0	2009	2016	(16,288.07)
137000	KU		9999	0	2009	2017	(28,804.62)
137000	KU		9999	0	2013	2016	(2,068.69)
137000	KU		9999	0	2013	2017	(45,184.37)
137000	KU		9999	6	1941	2017	(19,012.54)
137000	KU		9999	6	1942	2017	(194.49)
137000	KU		9999	6	1943	2017	(4,426.16)
137000	KU		9999	6	1944	2017	(6,260.67)
137000	KU		9999	6	1945	2017	(16,528.97)
137000	KU		9999	6	1945	2017	(89.21)
137000	KU		9999	6	1946	2017	(30,276.79)
137000	KU		9999	6	1946	2017	89.21
137000	KU		9999	6	1947	2017	(59,111.38)
137000	KU		9999	6	1948	2017	(62,471.70)
137000	KU		9999	6	1949	2017	(6,666.09)
137000	KU		9999	6	1950	2017	(15,905.96)
137000	KU		9999	6	1951	2017	(13,793.09)
137000	KU		9999	6	1952	2017	(21,062.44)
137000	KU		9999	6	1953	2017	(12,297.46)
137000	KU		9999	6	1954	2017	(14,236.55)
137000	KU		9999	6	1955	2017	(26,251.82)
137000	KU		9999	6	1956	2017	(26,649.44)
137000	KU		9999	6	1957	2017	(17,394.75)
137000	KU		9999	6	1958	2017	(19,988.19)
137000	KU		9999	6	1959	2017	(30,744.62)
137000	KU		9999	6	1960	2017	(29,952.70)
137000	KU		9999	6	1961	2017	(36,563.63)
137000	KU		9999	6	1962	2017	(47,643.50)
137000	KU		9999	6	1963	2017	(52,885.81)
137000	KU		9999	6	1964	2017	(46,667.16)
137000	KU		9999	6	1965	2017	(68,294.73)
137000	KU		9999	6	1966	2017	(78,991.07)
137000	KU		9999	6	1967	2017	(63,953.96)
137000	KU		9999	6	1968	2017	(96,666.46)
137000	KU		9999	6	1969	2017	(104,080.25)
137000	KU		9999	6	1970	2017	(87,427.96)
137000	KU		9999	6	1971	2017	(121,245.89)
137000	KU		9999	6	1972	2017	(88,443.15)
137000	KU		9999	6	1973	2017	(107,499.35)
137000	KU		9999	6	1974	2017	(174,844.65)
137000	KU		9999	6	1975	2017	(90,921.54)
137000	KU		9999	6	1976	2017	(141,914.57)
137000	KU		9999	6	1977	2017	(157,526.36)
137000	KU		9999	6	1978	2017	(229,241.17)
137000	KU		9999	6	1979	2017	(185,659.39)
137000	KU		9999	6	1980	2017	(198,307.95)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137000	KU	9999	6	1981	2017	(191,239.93)
137000	KU	9999	6	1982	2017	(287,497.74)
137000	KU	9999	6	1983	2017	(101,517.25)
137000	KU	9999	6	1984	2017	(182,216.80)
137000	KU	9999	6	1985	2017	(175,599.41)
137000	KU	9999	6	1986	2017	(241,347.02)
137000	KU	9999	6	1987	2017	(206,562.20)
137000	KU	9999	6	1988	2017	(198,650.91)
137000	KU	9999	6	1989	2017	(147,808.73)
137000	KU	9999	6	1990	2017	(64,210.58)
137000	KU	9999	6	1991	2017	(61,023.23)
137000	KU	9999	6	1992	2017	(185,498.53)
137000	KU	9999	6	1993	2017	(257,310.24)
137000	KU	9999	6	1994	2017	(252,976.01)
137000	KU	9999	6	1995	2017	(317,587.26)
137000	KU	9999	6	1996	2017	(235,611.36)
137000	KU	9999	6	1997	2017	(312,653.63)
137000	KU	9999	6	1998	2017	(161,881.79)
137000	KU	9999	6	1999	2017	(3,765.20)
137000	KU	9999	6	2000	2017	(347,351.04)
137000	KU	9999	6	2001	2017	(98,646.73)
137000	KU	9999	6	2004	2017	(69,264.37)
137000	KU	9999	6	2007	2017	(22,210.56)
137000	KU	9999	6	2009	2017	(961,281.76)
137000	KU	9999	6	2010	2017	(610,069.97)
137000	KU	9999	6	2011	2017	(294,653.08)
137000	KU	9999	6	2012	2017	(987,028.22)
137000	KU	9999	6	2013	2017	(1,327,537.04)
137000	KU	9999	7	2013	2016	123,893.15
137000	KU	9999	7	2013	2017	107,229.46
137000	KU	9999	7	2015	2016	(39,770.78)
137000	KU	9999	7	2017	2017	26,000.91
137000	KU	9999	9	2013	2016	1,618,870.06
137000	KU	9999	9	2013	2017	968,860.80
137000	KU	9999	9	2014	2016	655,698.01
137000	KU	9999	9	2015	2016	39,770.78
137000	KU	9999	9	2016	2016	57,203.98
137001	KU	9999	7	2015	2016	(651,481.02)
137001	KU	9999	7	2015	2017	(42,787.62)
137001	KU	9999	7	2017	2017	76,817.21
137001	KU	9999	9	2015	2016	952,365.70
137001	KU	9999	9	2015	2017	135,795.26
137020	KU	9999	0	1947	2017	(6,038.58)
137020	KU	9999	0	1950	2017	(87.76)
137020	KU	9999	0	1952	2017	(3,226.27)
137020	KU	9999	0	1956	2017	(4,062.37)
137020	KU	9999	0	1959	2017	(129.91)
137020	KU	9999	0	1960	2017	(488.15)
137020	KU	9999	0	1962	2017	(243.10)
137020	KU	9999	0	1965	2017	(418.49)
137020	KU	9999	0	1966	2017	(3,381.47)
137020	KU	9999	0	1967	2017	(426.07)
137020	KU	9999	0	1968	2017	(611.77)
137020	KU	9999	0	1969	2017	(429.49)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137020	KU	9999	0	1970	2017	(1,841.58)
137020	KU	9999	0	1971	2017	(829.16)
137020	KU	9999	0	1972	2017	(1,240.96)
137020	KU	9999	0	1974	2017	(2,638.63)
137020	KU	9999	0	1975	2017	(1,845.97)
137020	KU	9999	0	1976	2017	(628.09)
137020	KU	9999	0	1978	2017	(6,144.17)
137020	KU	9999	0	1979	2017	(2,080.49)
137020	KU	9999	0	1980	2017	(1,749.69)
137020	KU	9999	0	1981	2017	(377.15)
137020	KU	9999	0	1982	2017	(12,692.15)
137020	KU	9999	0	1984	2017	(3,707.08)
137020	KU	9999	0	1987	2017	(220.85)
137020	KU	9999	0	1992	2017	(736.88)
137020	KU	9999	6	1941	2017	19,012.54
137020	KU	9999	6	1942	2017	194.49
137020	KU	9999	6	1943	2017	4,426.16
137020	KU	9999	6	1944	2017	6,260.67
137020	KU	9999	6	1945	2017	16,528.97
137020	KU	9999	6	1946	2017	30,276.79
137020	KU	9999	6	1947	2017	59,111.38
137020	KU	9999	6	1948	2017	62,471.70
137020	KU	9999	6	1949	2017	6,666.09
137020	KU	9999	6	1950	2017	15,905.96
137020	KU	9999	6	1951	2017	13,793.09
137020	KU	9999	6	1952	2017	21,062.44
137020	KU	9999	6	1953	2017	12,297.46
137020	KU	9999	6	1954	2017	14,236.55
137020	KU	9999	6	1955	2017	26,251.82
137020	KU	9999	6	1956	2017	26,649.44
137020	KU	9999	6	1957	2017	17,394.75
137020	KU	9999	6	1958	2017	19,988.19
137020	KU	9999	6	1959	2017	30,744.62
137020	KU	9999	6	1960	2017	29,952.70
137020	KU	9999	6	1961	2017	36,563.63
137020	KU	9999	6	1962	2017	47,643.50
137020	KU	9999	6	1963	2017	52,885.81
137020	KU	9999	6	1964	2017	46,667.16
137020	KU	9999	6	1965	2017	68,294.73
137020	KU	9999	6	1966	2017	78,991.07
137020	KU	9999	6	1967	2017	63,953.96
137020	KU	9999	6	1968	2017	96,666.46
137020	KU	9999	6	1969	2017	104,080.25
137020	KU	9999	6	1970	2017	87,427.96
137020	KU	9999	6	1971	2017	121,245.89
137020	KU	9999	6	1972	2017	88,443.15
137020	KU	9999	6	1973	2017	107,499.35
137020	KU	9999	6	1974	2017	174,844.65
137020	KU	9999	6	1975	2017	90,921.54
137020	KU	9999	6	1976	2017	141,914.57
137020	KU	9999	6	1977	2017	157,526.36
137020	KU	9999	6	1978	2017	229,241.17
137020	KU	9999	6	1979	2017	185,659.39
137020	KU	9999	6	1980	2017	198,307.95

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137020	KU	9999	6	1981	2017	191,239.93
137020	KU	9999	6	1982	2017	287,497.74
137020	KU	9999	6	1983	2017	101,517.25
137020	KU	9999	6	1984	2017	182,216.80
137020	KU	9999	6	1985	2017	175,599.41
137020	KU	9999	6	1986	2017	241,347.02
137020	KU	9999	6	1987	2017	206,562.20
137020	KU	9999	6	1988	2017	198,650.91
137020	KU	9999	6	1989	2017	147,808.73
137020	KU	9999	6	1990	2017	64,210.58
137020	KU	9999	6	1991	2017	61,023.23
137020	KU	9999	6	1992	2017	185,498.53
137020	KU	9999	6	1993	2017	257,310.24
137020	KU	9999	6	1994	2017	252,976.01
137020	KU	9999	6	1995	2017	317,587.26
137020	KU	9999	6	1996	2017	235,611.36
137020	KU	9999	6	1997	2017	312,653.63
137020	KU	9999	6	1998	2017	161,881.79
137020	KU	9999	6	1999	2017	3,765.20
137020	KU	9999	6	2000	2017	347,351.04
137020	KU	9999	6	2001	2017	98,646.73
137020	KU	9999	6	2004	2017	69,264.37
137020	KU	9999	6	2007	2017	22,210.56
137020	KU	9999	6	2009	2017	961,281.76
137020	KU	9999	6	2010	2017	610,069.97
137020	KU	9999	6	2011	2017	294,653.08
137020	KU	9999	6	2012	2017	987,028.22
137020	KU	9999	6	2013	2017	1,327,537.04
137020	KU	9999	9	2013	2017	348,945.10
137100	KU	9999	0	1973	2016	412.30
137100	KU	9999	0	1977	2016	(168.36)
137100	KU	9999	0	1978	2016	(354.55)
137100	KU	9999	0	1979	2016	(199.34)
137100	KU	9999	0	1992	2016	4,045.49
137100	KU	9999	6	1962	2016	393.35
137100	KU	9999	6	1963	2016	(180.13)
137100	KU	9999	6	1964	2016	(96.00)
137100	KU	9999	6	1965	2016	(80.00)
137100	KU	9999	6	1967	2016	(142.49)
137100	KU	9999	6	1967	2016	149.28
137100	KU	9999	6	1968	2016	(12.47)
137100	KU	9999	6	1969	2016	(416.66)
137100	KU	9999	6	1970	2016	(8,799.00)
137100	KU	9999	6	1971	2016	(5,339.00)
137100	KU	9999	6	1972	2016	(1,592.19)
137100	KU	9999	6	1973	2016	(41,064.59)
137100	KU	9999	6	1973	2016	(3,340.43)
137100	KU	9999	6	1974	2016	(1,502.79)
137100	KU	9999	6	1975	2016	(1,694.31)
137100	KU	9999	6	1976	2016	(138,662.66)
137100	KU	9999	6	1976	2016	(3,573.71)
137100	KU	9999	6	1977	2016	(145,142.16)
137100	KU	9999	6	1977	2016	(3,544.01)
137100	KU	9999	6	1978	2016	(34,936.46)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137100	KU		9999	6	1978	2016	(8,442.73)
137100	KU		9999	6	1979	2016	(153,742.15)
137100	KU		9999	6	1979	2016	(6,929.92)
137100	KU		9999	6	1980	2016	(71,337.77)
137100	KU		9999	6	1980	2016	(8,796.61)
137100	KU		9999	6	1981	2016	(361,372.14)
137100	KU		9999	6	1981	2016	14,299.39
137100	KU		9999	6	1982	2016	(337,753.90)
137100	KU		9999	6	1982	2016	13,923.27
137100	KU		9999	6	1983	2016	(337,973.56)
137100	KU		9999	6	1983	2016	(8,746.04)
137100	KU		9999	6	1984	2016	(355,562.06)
137100	KU		9999	6	1984	2016	28,425.38
137100	KU		9999	6	1985	2016	(193,622.20)
137100	KU		9999	6	1985	2016	(27,048.52)
137100	KU		9999	6	1986	2016	(375,823.60)
137100	KU		9999	6	1986	2016	34,067.47
137100	KU		9999	6	1987	2016	(159,126.57)
137100	KU		9999	6	1987	2016	74.24
137100	KU		9999	6	1988	2016	(195,675.18)
137100	KU		9999	6	1988	2016	(258.28)
137100	KU		9999	6	1989	2016	(558,407.12)
137100	KU		9999	6	1989	2016	(3,676.73)
137100	KU		9999	6	1990	2016	(544,541.84)
137100	KU		9999	6	1990	2016	4,164.86
137100	KU		9999	6	1991	2016	(479,860.70)
137100	KU		9999	6	1991	2016	3,125.30
137100	KU		9999	6	1992	2016	(780,448.24)
137100	KU		9999	6	1992	2016	(2,134.08)
137100	KU		9999	6	1993	2016	(1,210,646.30)
137100	KU		9999	6	1993	2016	6,029.51
137100	KU		9999	6	1994	2016	(1,266,476.51)
137100	KU		9999	6	1994	2016	(39,861.55)
137100	KU		9999	6	1995	2016	(1,360,290.66)
137100	KU		9999	6	1995	2016	(316,903.84)
137100	KU		9999	6	1996	2016	(1,581,732.10)
137100	KU		9999	6	1996	2016	39,991.16
137100	KU		9999	6	1997	2016	(1,856,946.54)
137100	KU		9999	6	1997	2016	289,709.05
137100	KU		9999	6	1998	2016	(2,018,892.75)
137100	KU		9999	6	1998	2016	27,191.49
137100	KU		9999	6	1999	2016	(1,931,763.45)
137100	KU		9999	6	1999	2016	0.45
137100	KU		9999	6	2000	2016	(429,680.59)
137100	KU		9999	6	2000	2016	1,742.36
137100	KU		9999	6	2001	2016	(92,771.29)
137100	KU		9999	6	2001	2016	(1,746.24)
137100	KU		9999	6	2002	2016	(11.08)
137100	KU		9999	6	2003	2016	(1,763.65)
137100	KU		9999	6	2005	2016	(854.83)
137100	KU		9999	6	2005	2016	987.38
137100	KU		9999	6	2006	2016	(4,819.00)
137100	KU		9999	6	2006	2016	(3,997.12)
137100	KU		9999	6	2007	2016	(2,932.90)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137100	KU		9999	6	2007	2016	(4,309.77)
137100	KU		9999	6	2008	2016	(490.40)
137100	KU		9999	6	2008	2016	(1,230.73)
137100	KU		9999	6	2011	2016	(3,024.65)
137100	KU		9999	6	2012	2016	(5,205.53)
137100	KU		9999	6	2014	2016	(24,340.74)
137100	KU		9999	7	2017	2017	6,164.11
137300	KU		9999	0	1941	2016	(584.31)
137300	KU		9999	0	1941	2017	(10,505.85)
137300	KU		9999	0	1942	2016	(72.72)
137300	KU		9999	0	1942	2017	(361.18)
137300	KU		9999	0	1943	2016	(3.45)
137300	KU		9999	0	1943	2017	(50.05)
137300	KU		9999	0	1944	2016	(3.98)
137300	KU		9999	0	1944	2017	(63.65)
137300	KU		9999	0	1945	2016	(16.40)
137300	KU		9999	0	1946	2016	(5.74)
137300	KU		9999	0	1946	2017	(2,808.45)
137300	KU		9999	0	1947	2016	(126.93)
137300	KU		9999	0	1947	2017	(1,232.08)
137300	KU		9999	0	1948	2016	(342.07)
137300	KU		9999	0	1948	2017	(463.58)
137300	KU		9999	0	1949	2016	(188.71)
137300	KU		9999	0	1949	2017	(191.00)
137300	KU		9999	0	1950	2016	(140.00)
137300	KU		9999	0	1951	2016	(67.29)
137300	KU		9999	0	1951	2017	(3,030.63)
137300	KU		9999	0	1952	2016	(63.14)
137300	KU		9999	0	1952	2017	(4,108.18)
137300	KU		9999	0	1953	2016	(17.40)
137300	KU		9999	0	1953	2017	(339.70)
137300	KU		9999	0	1954	2016	(19.06)
137300	KU		9999	0	1954	2017	(1,020.35)
137300	KU		9999	0	1955	2016	(16.83)
137300	KU		9999	0	1955	2017	(1,463.79)
137300	KU		9999	0	1956	2016	(17.14)
137300	KU		9999	0	1956	2017	(8,617.37)
137300	KU		9999	0	1957	2016	(181.99)
137300	KU		9999	0	1957	2017	(9,610.73)
137300	KU		9999	0	1958	2016	(17.95)
137300	KU		9999	0	1958	2017	(5,547.01)
137300	KU		9999	0	1959	2016	(13.18)
137300	KU		9999	0	1959	2017	(33,405.44)
137300	KU		9999	0	1960	2016	(14.53)
137300	KU		9999	0	1960	2017	(10,616.41)
137300	KU		9999	0	1961	2016	(23.06)
137300	KU		9999	0	1961	2017	(9.18)
137300	KU		9999	0	1962	2016	(28.51)
137300	KU		9999	0	1962	2017	(54,945.15)
137300	KU		9999	0	1963	2016	(42.83)
137300	KU		9999	0	1963	2017	(6,823.93)
137300	KU		9999	0	1964	2016	(16.19)
137300	KU		9999	0	1964	2017	(8,215.41)
137300	KU		9999	0	1965	2016	(86.48)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137300	KU	9999	0	1965	2017	(3,939.91)
137300	KU	9999	0	1966	2016	(12.38)
137300	KU	9999	0	1966	2017	(348.79)
137300	KU	9999	0	1967	2016	(60.97)
137300	KU	9999	0	1967	2017	(458.99)
137300	KU	9999	0	1968	2016	(5.77)
137300	KU	9999	0	1969	2016	(7.08)
137300	KU	9999	0	1969	2017	(295.53)
137300	KU	9999	0	1970	2016	(1.68)
137300	KU	9999	0	1970	2017	(35.26)
137300	KU	9999	0	1972	2016	(6,413.24)
137300	KU	9999	0	1973	2016	(20,705.34)
137300	KU	9999	0	1974	2016	(27,768.77)
137300	KU	9999	0	1975	2016	(15,135.44)
137300	KU	9999	0	1976	2016	(10,930.59)
137300	KU	9999	0	1977	2016	(14,605.30)
137300	KU	9999	0	1977	2017	(403.58)
137300	KU	9999	0	1978	2016	(15,548.20)
137300	KU	9999	0	1978	2017	(347.62)
137300	KU	9999	0	1979	2016	(35,079.08)
137300	KU	9999	0	1979	2017	(261.30)
137300	KU	9999	0	1980	2016	(568.28)
137300	KU	9999	0	1980	2017	(209.01)
137300	KU	9999	0	1981	2016	(25,164.72)
137300	KU	9999	0	1981	2017	(547.23)
137300	KU	9999	0	1982	2016	(35,134.42)
137300	KU	9999	0	1982	2017	(680.51)
137300	KU	9999	0	1983	2016	(14,448.88)
137300	KU	9999	0	1983	2017	(2,957.48)
137300	KU	9999	0	1984	2016	(54,473.55)
137300	KU	9999	0	1984	2017	(395.51)
137300	KU	9999	0	1985	2016	1,148.17
137300	KU	9999	0	1986	2016	(59,123.56)
137300	KU	9999	0	1986	2017	(651.45)
137300	KU	9999	0	1987	2016	(93,645.92)
137300	KU	9999	0	1987	2017	(778.11)
137300	KU	9999	0	1988	2016	(61,382.32)
137300	KU	9999	0	1988	2017	(664.82)
137300	KU	9999	0	1989	2016	(81,148.16)
137300	KU	9999	0	1989	2017	(274.54)
137300	KU	9999	0	1990	2016	(143,859.86)
137300	KU	9999	0	1990	2017	(1,391.53)
137300	KU	9999	0	1991	2016	(199,921.90)
137300	KU	9999	0	1991	2017	(1,257.45)
137300	KU	9999	0	1992	2016	(90,959.69)
137300	KU	9999	0	1992	2017	(1,228.01)
137300	KU	9999	0	1993	2016	(91,643.98)
137300	KU	9999	0	1993	2017	(1,342.70)
137300	KU	9999	0	1994	2016	(304,917.25)
137300	KU	9999	0	1994	2017	(3,887.65)
137300	KU	9999	0	1995	2016	(112,050.94)
137300	KU	9999	0	1995	2017	(2,730.86)
137300	KU	9999	0	1996	2016	(227,863.92)
137300	KU	9999	0	1996	2017	(4,909.86)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137300	KU		9999	0	1997	2016	(102,541.80)
137300	KU		9999	0	1997	2017	(4,149.44)
137300	KU		9999	0	1998	2016	(127,717.42)
137300	KU		9999	0	1998	2017	(3,630.25)
137300	KU		9999	0	1999	2016	(128,147.35)
137300	KU		9999	0	1999	2017	(3,735.71)
137300	KU		9999	0	2000	2016	(115.28)
137300	KU		9999	0	2001	2016	(21,227.33)
137300	KU		9999	0	2001	2017	(91.76)
137300	KU		9999	0	2002	2016	(62,255.65)
137300	KU		9999	0	2002	2017	(312.64)
137300	KU		9999	0	2003	2016	(34,727.79)
137300	KU		9999	0	2003	2017	(206.26)
137300	KU		9999	0	2004	2016	(12,161.14)
137300	KU		9999	0	2004	2017	(10,783.76)
137300	KU		9999	0	2008	2016	(1,520.57)
137300	KU		9999	0	2009	2016	(3,708.37)
137300	KU		9999	0	2010	2016	(664,002.58)
137300	KU		9999	0	2010	2017	(2,104.74)
137300	KU		9999	0	2011	2016	(485,088.45)
137300	KU		9999	0	2011	2017	(2,144.40)
137300	KU		9999	0	2012	2016	(252,679.37)
137300	KU		9999	0	2012	2017	(400.45)
137300	KU		9999	0	2013	2016	(35,369.70)
137300	KU		9999	0	2013	2017	(1,975.13)
137300	KU		9999	0	2014	2016	(586,632.97)
137300	KU		9999	0	2014	2017	(235,532.57)
137300	KU		9999	0	2015	2016	(317,531.51)
137300	KU		9999	0	2015	2017	(176,636.45)
137300	KU		9999	0	2016	2016	(31,515.86)
137300	KU		9999	0	2016	2017	(176,769.50)
137300	KU		9999	0	2017	2017	(4,212.94)
137300	KU		9999	6	1962	2016	(393.35)
137300	KU		9999	6	1963	2016	190.13
137300	KU		9999	6	1964	2016	96.00
137300	KU		9999	6	1965	2016	80.00
137300	KU		9999	6	1967	2016	142.49
137300	KU		9999	6	1967	2016	(149.28)
137300	KU		9999	6	1968	2016	12.47
137300	KU		9999	6	1969	2016	416.66
137300	KU		9999	6	1970	2016	8,799.00
137300	KU		9999	6	1971	2016	5,339.00
137300	KU		9999	6	1972	2016	1,592.19
137300	KU		9999	6	1973	2016	41,064.59
137300	KU		9999	6	1973	2016	3,340.43
137300	KU		9999	6	1974	2016	1,502.79
137300	KU		9999	6	1975	2016	1,694.31
137300	KU		9999	6	1976	2016	138,662.66
137300	KU		9999	6	1976	2016	3,573.71
137300	KU		9999	6	1977	2016	145,142.16
137300	KU		9999	6	1977	2016	3,544.01
137300	KU		9999	6	1978	2016	34,936.46
137300	KU		9999	6	1978	2016	8,442.73
137300	KU		9999	6	1979	2016	153,742.15

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137300	KU		9999	6	1979	2016	6,929.92
137300	KU		9999	6	1980	2016	71,337.77
137300	KU		9999	6	1980	2016	8,796.61
137300	KU		9999	6	1981	2016	361,372.14
137300	KU		9999	6	1981	2016	(14,299.39)
137300	KU		9999	6	1982	2016	337,753.90
137300	KU		9999	6	1982	2016	(13,923.27)
137300	KU		9999	6	1983	2016	337,973.56
137300	KU		9999	6	1983	2016	8,746.04
137300	KU		9999	6	1984	2016	355,562.06
137300	KU		9999	6	1984	2016	(28,425.38)
137300	KU		9999	6	1985	2016	193,622.20
137300	KU		9999	6	1985	2016	27,048.52
137300	KU		9999	6	1986	2016	375,823.60
137300	KU		9999	6	1986	2016	(34,067.47)
137300	KU		9999	6	1987	2016	159,126.57
137300	KU		9999	6	1987	2016	(74.24)
137300	KU		9999	6	1988	2016	195,675.18
137300	KU		9999	6	1988	2016	258.28
137300	KU		9999	6	1989	2016	558,407.12
137300	KU		9999	6	1989	2016	3,676.73
137300	KU		9999	6	1990	2016	544,541.84
137300	KU		9999	6	1990	2016	(4,164.86)
137300	KU		9999	6	1991	2016	479,860.70
137300	KU		9999	6	1991	2016	(3,125.30)
137300	KU		9999	6	1992	2016	780,448.24
137300	KU		9999	6	1992	2016	2,134.08
137300	KU		9999	6	1993	2016	1,210,646.30
137300	KU		9999	6	1993	2016	(6,029.51)
137300	KU		9999	6	1994	2016	1,266,476.51
137300	KU		9999	6	1994	2016	39,861.55
137300	KU		9999	6	1995	2016	1,360,290.66
137300	KU		9999	6	1995	2016	316,903.84
137300	KU		9999	6	1996	2016	1,581,732.10
137300	KU		9999	6	1996	2016	(39,991.16)
137300	KU		9999	6	1997	2016	1,856,946.54
137300	KU		9999	6	1997	2016	(289,709.05)
137300	KU		9999	6	1998	2016	2,018,892.75
137300	KU		9999	6	1998	2016	(27,191.49)
137300	KU		9999	6	1999	2016	1,931,763.45
137300	KU		9999	6	1999	2016	(0.45)
137300	KU		9999	6	2000	2016	429,680.59
137300	KU		9999	6	2000	2016	(1,742.36)
137300	KU		9999	6	2001	2016	92,771.29
137300	KU		9999	6	2001	2016	1,746.24
137300	KU		9999	6	2002	2016	11.08
137300	KU		9999	6	2003	2016	1,763.65
137300	KU		9999	6	2005	2016	854.83
137300	KU		9999	6	2005	2016	(987.38)
137300	KU		9999	6	2006	2016	4,819.00
137300	KU		9999	6	2006	2016	3,997.12
137300	KU		9999	6	2007	2016	2,932.90
137300	KU		9999	6	2007	2016	4,309.77
137300	KU		9999	6	2008	2016	490.40

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
137300	KU		9999	6	2008	2016	1,230.73
137300	KU		9999	6	2011	2016	3,024.65
137300	KU		9999	6	2012	2016	5,205.53
137300	KU		9999	6	2014	2016	24,340.74
137300	KU		9999	7	2011	2016	4,591.25
137300	KU		9999	7	2012	2016	2,549.13
137300	KU		9999	7	2013	2016	0.02
137300	KU		9999	7	2013	2017	(15,703.73)
137300	KU		9999	7	2014	2016	1,720,643.83
137300	KU		9999	7	2014	2017	215,890.30
137300	KU		9999	7	2015	2016	(833,981.45)
137300	KU		9999	7	2015	2017	(752,754.41)
137300	KU		9999	7	2016	2016	2,341,940.46
137300	KU		9999	7	2016	2017	(2,317,185.01)
137300	KU		9999	7	2017	2017	1,364,624.20
137300	KU		9999	9	2013	2016	31,097.87
137300	KU		9999	9	2013	2017	819.31
137300	KU		9999	9	2014	2016	2,101,418.03
137300	KU		9999	9	2014	2017	3,499,088.34
137300	KU		9999	9	2015	2016	1,025,531.94
137300	KU		9999	9	2015	2017	1,427,550.05
137300	KU		9999	9	2016	2016	1,600,739.20
137300	KU		9999	9	2016	2017	40,517.09
137300	KU		9999	9	2017	2017	1,776,521.00
137405	KU		9999	0	2010	2016	(2,798.53)
137405	KU		9999	9	2010	2016	339,491.86
137405	KU		9999	9	2010	2017	19,555.35
137407	KU		9999	0	2011	2017	(1,700.75)
137407	KU		9999	9	2011	2016	(550,985.65)
137407	KU		9999	9	2011	2017	(41,067.30)
138920	KU		9999	9	2015	2016	448,342.70
138920	KU		9999	9	2016	2016	171,692.21
138920	KU		9999	9	2016	2017	99,552.00
139010	KU		9999	0	1956	2016	(864.78)
139010	KU		9999	0	1956	2017	(1,741.16)
139010	KU		9999	0	1962	2017	(156.67)
139010	KU		9999	0	1963	2016	(77.50)
139010	KU		9999	0	1963	2016	(3,112.68)
139010	KU		9999	0	1964	2016	(3,112.68)
139010	KU		9999	0	1964	2016	3,112.68
139010	KU		9999	0	1965	2016	(10,874.29)
139010	KU		9999	0	1968	2016	(390.05)
139010	KU		9999	0	1969	2016	(196.29)
139010	KU		9999	0	1970	2017	(397.68)
139010	KU		9999	0	1971	2016	(1,526.62)
139010	KU		9999	0	1971	2017	(3,475.21)
139010	KU		9999	0	1972	2016	(7,304.70)
139010	KU		9999	0	1972	2017	(5,168.83)
139010	KU		9999	0	1973	2016	(1,952.72)
139010	KU		9999	0	1973	2017	(1,786.42)
139010	KU		9999	0	1974	2016	(1,116.21)
139010	KU		9999	0	1974	2017	(1,049.04)
139010	KU		9999	0	1975	2016	(26.42)
139010	KU		9999	0	1975	2017	(4,307.35)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
139010	KU		9999	0	1976	2016	(251.44)
139010	KU		9999	0	1979	2016	(8,328.58)
139010	KU		9999	0	1980	2016	(22,979.16)
139010	KU		9999	0	1981	2016	(95,577.03)
139010	KU		9999	0	1981	2017	(19,273.40)
139010	KU		9999	0	1983	2016	(1,224.75)
139010	KU		9999	0	1984	2016	(118.47)
139010	KU		9999	0	1985	2016	(5,964.26)
139010	KU		9999	0	1986	2017	(4,493.18)
139010	KU		9999	0	1986	2017	(13,234.25)
139010	KU		9999	0	1987	2017	(16,089.28)
139010	KU		9999	0	1987	2017	13,234.25
139010	KU		9999	0	1988	2016	(150.12)
139010	KU		9999	0	1989	2017	(4,187.27)
139010	KU		9999	0	1990	2016	(2,271.20)
139010	KU		9999	0	1991	2016	(3,854.17)
139010	KU		9999	0	1991	2017	(1,269.04)
139010	KU		9999	0	1992	2016	(6,861.18)
139010	KU		9999	0	1992	2016	(3,107.49)
139010	KU		9999	0	1993	2016	(3,107.49)
139010	KU		9999	0	1993	2016	3,107.49
139010	KU		9999	0	1994	2016	(10,791.88)
139010	KU		9999	0	1994	2017	(4,039.49)
139010	KU		9999	0	1995	2016	(6,896.37)
139010	KU		9999	0	1996	2016	(1,594.13)
139010	KU		9999	0	1996	2017	(13,606.77)
139010	KU		9999	0	1998	2016	(8,120.82)
139010	KU		9999	0	1999	2016	(132,093.24)
139010	KU		9999	0	1999	2017	(1,327.18)
139010	KU		9999	0	2001	2016	(15,812.00)
139010	KU		9999	0	2002	2016	(145,523.38)
139010	KU		9999	0	2004	2016	(10,081.56)
139010	KU		9999	0	2005	2016	(23,382.75)
139010	KU		9999	0	2007	2017	(56,488.07)
139010	KU		9999	0	2008	2016	(68,760.34)
139010	KU		9999	0	2009	2016	(1,698.35)
139010	KU		9999	0	2010	2016	(17,795.15)
139010	KU		9999	0	2011	2017	(7,457.79)
139010	KU		9999	0	2012	2016	(56,283.53)
139010	KU		9999	0	2016	2017	(3,854.64)
139010	KU		9999	6	1970	2017	234.28
139010	KU		9999	6	1971	2017	1,164.17
139010	KU		9999	6	1973	2017	131.45
139010	KU		9999	6	1977	2017	148.09
139010	KU		9999	6	1979	2017	3,456.64
139010	KU		9999	6	2000	2016	46,914.46
139010	KU		9999	7	2015	2016	(2,406,878.12)
139010	KU		9999	7	2015	2017	(58,219.25)
139010	KU		9999	7	2016	2016	890,150.44
139010	KU		9999	7	2016	2017	(868,171.53)
139010	KU		9999	7	2017	2017	1,764,182.24
139010	KU		9999	9	1986	2017	(6.91)
139010	KU		9999	9	2014	2017	142,811.24
139010	KU		9999	9	2015	2016	1,687,036.00

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
139010	KU		9999	9	2015	2017	7,158.58
139010	KU		9999	9	2016	2016	2,505,539.97
139010	KU		9999	9	2016	2017	66,384.18
139010	KU		9999	9	2017	2017	2,905,378.72
139020	KU		9999	6	2000	2016	(46,914.46)
139020	KU		9999	6	2017	2017	(9,059.57)
139110	KU		9999	0	1979	2016	(139.70)
139110	KU		9999	0	1981	2016	(3,659.24)
139110	KU		9999	0	1992	2016	(100,619.30)
139110	KU		9999	0	1992	2016	2,194.30
139110	KU		9999	0	1993	2016	(98,503.17)
139110	KU		9999	0	1993	2016	723.17
139110	KU		9999	0	1994	2016	(146,866.34)
139110	KU		9999	0	1994	2016	(2.66)
139110	KU		9999	0	1995	2016	(379,647.67)
139110	KU		9999	0	1995	2016	(720.51)
139110	KU		9999	0	1996	2016	(235,471.34)
139110	KU		9999	0	1996	2016	16,551.56
139110	KU		9999	0	1997	2017	(273,690.39)
139110	KU		9999	0	1998	2016	(16,551.56)
139110	KU		9999	0	1998	2016	(2,194.30)
139110	KU		9999	0	1999	2016	(7,607.41)
139110	KU		9999	0	2003	2016	(86,601.11)
139110	KU		9999	0	2004	2017	(9,664.47)
139110	KU		9999	0	2005	2016	(4,157.44)
139110	KU		9999	0	2011	2016	(1,916.19)
139110	KU		9999	0	2013	2016	(5,865.45)
139110	KU		9999	7	2015	2016	(215,748.85)
139110	KU		9999	7	2016	2016	754,468.05
139110	KU		9999	7	2016	2017	(752,895.02)
139110	KU		9999	7	2017	2017	23,300.69
139110	KU		9999	9	2014	2017	20,204.82
139110	KU		9999	9	2015	2016	228,690.96
139110	KU		9999	9	2015	2017	14,670.59
139110	KU		9999	9	2016	2016	748,470.72
139110	KU		9999	9	2016	2017	6,064.33
139110	KU		9999	9	2017	2017	1,109,398.01
139120	KU		9999	0	2010	2016	(206,886.83)
139120	KU		9999	0	2011	2016	(4,236,675.62)
139120	KU		9999	0	2011	2016	470,833.91
139120	KU		9999	0	2012	2017	(4,079,972.85)
139120	KU		9999	0	2012	2016	(263,884.54)
139120	KU		9999	0	2013	2016	(62.54)
139120	KU		9999	7	2014	2016	(655,698.01)
139120	KU		9999	7	2015	2016	(3,507,077.36)
139120	KU		9999	7	2015	2017	(907,207.60)
139120	KU		9999	7	2016	2016	3,957,726.98
139120	KU		9999	7	2016	2017	(3,942,412.38)
139120	KU		9999	9	2014	2017	831,925.91
139120	KU		9999	9	2015	2016	884,989.81
139120	KU		9999	9	2016	2016	3,195,151.96
139120	KU		9999	9	2016	2017	1,797.87
139120	KU		9999	9	2017	2017	4,601,789.04
139131	KU		9999	0	2009	2016	(90,680.82)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total	
139131	KU		9999	0	2010	2016	(676,644.51)
139131	KU		9999	0	2010	2016	90,680.82
139131	KU		9999	0	2011	2016	(1,783,264.64)
139131	KU		9999	0	2011	2016	1,887.00
139131	KU		9999	0	2012	2016	(807,591.04)
139131	KU		9999	0	2013	2017	(878,964.66)
139131	KU		9999	0	2013	2016	(1,887.00)
139131	KU		9999	7	2014	2016	(1,257.14)
139131	KU		9999	7	2015	2016	(1,024,434.35)
139131	KU		9999	7	2015	2017	(18,406.38)
139131	KU		9999	7	2016	2016	39,545.23
139131	KU		9999	7	2016	2017	(39,545.23)
139131	KU		9999	7	2017	2017	11,911.70
139131	KU		9999	9	2015	2016	11,932.97
139131	KU		9999	9	2016	2016	1,166,713.52
139131	KU		9999	9	2017	2017	1,095,049.83
139200	KU		9999	0	1997	2016	(27,451.96)
139200	KU		9999	0	1999	2016	(130,727.97)
139200	KU		9999	0	2012	2017	(14,733.54)
139200	KU		9999	0	2013	2017	(24,188.20)
139200	KU		9999	6	2012	2016	19,403.82
139200	KU		9999	9	2015	2016	378,004.62
139200	KU		9999	9	2016	2016	19,772.85
139200	KU		9999	9	2016	2017	46,546.95
139200	KU		9999	9	2017	2017	102,979.31
139210	KU		9999	0	2000	2016	(86,204.37)
139210	KU		9999	0	2000	2017	(27,677.50)
139210	KU		9999	0	2002	2016	(22,204.49)
139210	KU		9999	6	2012	2016	(19,403.82)
139210	KU		9999	9	2015	2016	1,456,562.63
139300	KU		9999	7	2015	2016	(598,593.70)
139300	KU		9999	9	2016	2016	5,138.58
139400	KU		9999	0	1991	2016	(81,514.11)
139400	KU		9999	0	1991	2016	1,498.36
139400	KU		9999	0	1992	2017	(266,473.41)
139400	KU		9999	0	1992	2017	449.41
139400	KU		9999	0	1993	2016	(1,498.36)
139400	KU		9999	0	1993	2017	(449.41)
139400	KU		9999	0	2000	2017	(1,621.54)
139400	KU		9999	0	2003	2016	(16,841.56)
139400	KU		9999	0	2005	2016	(5,924.01)
139400	KU		9999	0	2005	2017	(3,275.00)
139400	KU		9999	0	2010	2017	(2,743.90)
139400	KU		9999	7	2015	2016	(403,890.68)
139400	KU		9999	7	2015	2017	(942.98)
139400	KU		9999	7	2016	2016	252,298.22
139400	KU		9999	7	2016	2017	(170,112.75)
139400	KU		9999	7	2017	2017	97,711.37
139400	KU		9999	9	2014	2017	7.09
139400	KU		9999	9	2015	2016	398,794.43
139400	KU		9999	9	2015	2017	6,399.19
139400	KU		9999	9	2016	2016	377,053.49
139400	KU		9999	9	2016	2017	54,703.50
139400	KU		9999	9	2017	2017	923,041.15

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
139600	KU	9999	7	2015	2016	(14,685.68)
139600	KU	9999	7	2017	2017	1,005,159.48
139600	KU	9999	9	2015	2016	92,362.16
139600	KU	9999	9	2016	2016	47,515.76
139600	KU	9999	9	2016	2017	34,463.82
139700	KU	9999	0	2000	2017	(1,916.55)
139700	KU	9999	0	2003	2016	(47,765.27)
139700	KU	9999	0	2004	2016	(395,039.64)
139700	KU	9999	0	2007	2016	(198,536.60)
139700	KU	9999	7	2015	2016	(805,957.34)
139700	KU	9999	7	2016	2016	2,831,227.23
139700	KU	9999	7	2016	2017	(2,554,481.85)
139700	KU	9999	9	2015	2016	1,707,918.26
139700	KU	9999	9	2015	2017	50,459.82
139700	KU	9999	9	2016	2016	762,438.49
139700	KU	9999	9	2016	2017	2,554,853.44
139700	KU	9999	9	2017	2017	236,436.94
139710	KU	9999	0	2001	2016	(26,921.72)
139710	KU	9999	0	2003	2016	(328,257.21)
139710	KU	9999	0	2004	2016	(107,100.97)
139710	KU	9999	0	2005	2016	(11,795.73)
139710	KU	9999	0	2007	2016	(58,517.26)
139710	KU	9999	0	2008	2016	(41,812.76)
139710	KU	9999	0	2010	2016	(74,120.11)
139710	KU	9999	0	2011	2016	(42,459.51)
139710	KU	9999	0	2012	2016	(60,565.26)
139710	KU	9999	0	2013	2016	(72,218.68)
139710	KU	9999	7	2014	2016	(102,702.26)
139710	KU	9999	7	2015	2016	(2,502,270.44)
139710	KU	9999	7	2015	2017	(147,902.18)
139710	KU	9999	7	2016	2016	675,666.10
139710	KU	9999	7	2016	2017	(510,915.46)
139710	KU	9999	9	2015	2016	1,763,829.33
139710	KU	9999	9	2015	2017	7,772.95
139710	KU	9999	9	2016	2016	50,299.32
139710	KU	9999	9	2016	2017	85,651.55
139710	KU	9999	9	2017	2017	767,235.40
139720	KU	9999	0	2012	2016	(438,990.26)
139720	KU	9999	7	2012	2016	(97,585.56)
139720	KU	9999	7	2012	2017	(137,535.23)
139720	KU	9999	9	2012	2016	1,512,780.00
139720	KU	9999	9	2012	2017	870,650.03

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131020	LGE	0190	6	2013	2016	839,535.30
131020	LGE	0321	7	2017	2017	1,245,242.09
131027	LGE	0190	6	2013	2016	(839,535.30)
131100	LGE	0112	7	2015	2016	(405,535.09)
131100	LGE	0152	9	2016	2017	124.53
131100	LGE	0161	6	1977	2016	(88,124.30)
131100	LGE	0162	9	2016	2017	124.53
131100	LGE	0190	6	2013	2016	2,772,653.37
131100	LGE	0190	7	2015	2016	(42,886.69)
131100	LGE	0190	7	2016	2016	9,744.13
131100	LGE	0190	7	2016	2017	(9,744.13)
131100	LGE	0190	7	2017	2017	34,431.20
131100	LGE	0190	9	2015	2016	44,684.14
131100	LGE	0190	9	2016	2016	39,304.00
131100	LGE	0190	9	2016	2017	9,744.13
131100	LGE	0190	9	2017	2017	3,545.67
131100	LGE	0211	0	1965	2017	(34,661.34)
131100	LGE	0211	0	1965	2017	34,661.34
131100	LGE	0211	0	1965	2017	34,661.34
131100	LGE	0211	0	1972	2017	(34,661.34)
131100	LGE	0211	0	1972	2017	(34,661.34)
131100	LGE	0211	0	1987	2016	(16,580.99)
131100	LGE	0211	0	1998	2016	(80,327.43)
131100	LGE	0211	6	1965	2016	(411,750.29)
131100	LGE	0211	6	1965	2016	411,750.29
131100	LGE	0211	6	1972	2016	(411,750.29)
131100	LGE	0211	7	2015	2016	33,920.34
131100	LGE	0211	7	2016	2016	103,298.64
131100	LGE	0211	7	2016	2017	(103,298.64)
131100	LGE	0211	9	2016	2017	111,292.14
131100	LGE	0221	0	1975	2016	(2,522.10)
131100	LGE	0221	0	1975	2017	(47,438.17)
131100	LGE	0221	7	2015	2016	(110,850.91)
131100	LGE	0221	7	2016	2016	178,875.99
131100	LGE	0221	7	2016	2017	(178,875.99)
131100	LGE	0221	7	2017	2017	218,586.90
131100	LGE	0221	9	2015	2016	148,350.42
131100	LGE	0221	9	2016	2017	170,882.49
131100	LGE	0222	7	2015	2016	65,558.86
131100	LGE	0231	0	1982	2016	(26,934.43)
131100	LGE	0231	0	1984	2016	(80.51)
131100	LGE	0231	6	1982	2016	(1,263,768.52)
131100	LGE	0231	7	2015	2016	(219,835.16)
131100	LGE	0231	7	2016	2016	5,922,786.05
131100	LGE	0232	0	1982	2016	(238,079.83)
131100	LGE	0232	7	2016	2016	5,359,168.04
131100	LGE	0232	9	2017	2017	10,561.49
131100	LGE	0241	0	1984	2016	(32,601.83)
131100	LGE	0241	0	1984	2017	(28,761.81)
131100	LGE	0241	0	1986	2016	(810.43)
131100	LGE	0241	0	1987	2016	(23,779.49)
131100	LGE	0241	0	1988	2016	(39,131.02)
131100	LGE	0241	0	1988	2017	(22,879.64)
131100	LGE	0241	0	1995	2016	(2,818.72)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131100	LGE	0241	0	2001	2016	(51,588.61)
131100	LGE	0241	0	2010	2016	(11,339.04)
131100	LGE	0241	7	2015	2016	(655,715.81)
131100	LGE	0241	7	2016	2016	361,650.69
131100	LGE	0241	7	2016	2017	(361,650.69)
131100	LGE	0241	7	2017	2017	1,561,500.88
131100	LGE	0241	9	2015	2016	879,677.92
131100	LGE	0241	9	2016	2017	340,734.69
131100	LGE	0241	9	2017	2017	66,496.91
131100	LGE	0242	9	2017	2017	18,363.52
131100	LGE	0311	0	1990	2016	(7,380.54)
131100	LGE	0311	0	1990	2017	(66,982.14)
131100	LGE	0311	6	1990	2016	(4,942,817.00)
131100	LGE	0311	7	2017	2017	116,477.02
131100	LGE	0321	0	2011	2017	(8,599.35)
131100	LGE	0321	7	2011	2016	(11,795.80)
131100	LGE	0321	7	2011	2017	(407,486.35)
131100	LGE	0321	7	2015	2016	(158,092.85)
131100	LGE	0321	7	2016	2016	236,790.49
131100	LGE	0321	7	2016	2017	(179,147.74)
131100	LGE	0321	7	2017	2017	999,973.88
131100	LGE	0321	9	2011	2017	286,569.33
131100	LGE	0321	9	2015	2016	68,332.54
131100	LGE	0321	9	2016	2017	346,621.90
131100	LGE	0321	9	2017	2017	0.01
131100	LGE	0322	7	2017	2017	14,666.45
131105	LGE	0190	6	2013	2016	(2,772,653.37)
131200	LGE	0104	0	1994	2016	(4,466,784.44)
131200	LGE	0112	9	2016	2017	124.53
131200	LGE	0121	9	2016	2017	124.53
131200	LGE	0131	9	2016	2017	124.53
131200	LGE	0141	0	1994	2017	(35,966.63)
131200	LGE	0142	9	2016	2017	124.53
131200	LGE	0151	0	2014	2017	(35,966.63)
131200	LGE	0152	0	2015	2017	(35,966.63)
131200	LGE	0161	0	1972	2016	(51,549.42)
131200	LGE	0161	0	1973	2017	(580,956.24)
131200	LGE	0161	0	1977	2016	(33,046.62)
131200	LGE	0161	0	1992	2016	(340,293.04)
131200	LGE	0161	0	1992	2017	(426,604.43)
131200	LGE	0161	0	2003	2017	(122,052.22)
131200	LGE	0161	0	2006	2017	(2,323,293.28)
131200	LGE	0161	0	2007	2017	(674,536.74)
131200	LGE	0161	0	2012	2017	(746,314.32)
131200	LGE	0161	6	1977	2016	88,124.30
131200	LGE	0161	7	2014	2016	(3,782,635.99)
131200	LGE	0161	9	2014	2016	3,782,635.99
131200	LGE	0162	0	2014	2017	(35,966.63)
131200	LGE	0211	0	1965	2016	(21,071.21)
131200	LGE	0211	0	1965	2017	(48,888.80)
131200	LGE	0211	0	1973	2016	(101.77)
131200	LGE	0211	0	1998	2017	(16,813.62)
131200	LGE	0211	0	2013	2016	(66,530.70)
131200	LGE	0211	6	1965	2016	411,750.29

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	LGE	0211	6	1965	2016	(411,750.29)
131200	LGE	0211	6	1972	2016	411,750.29
131200	LGE	0211	7	2015	2016	1,811,376.22
131200	LGE	0211	7	2016	2016	295,788.69
131200	LGE	0211	7	2016	2017	(295,788.69)
131200	LGE	0211	7	2017	2017	386,172.37
131200	LGE	0211	9	2015	2016	521,557.91
131200	LGE	0211	9	2016	2016	90,124.91
131200	LGE	0211	9	2016	2017	293,665.96
131200	LGE	0211	9	2017	2017	244,646.16
131200	LGE	0221	0	1975	2017	(87,206.32)
131200	LGE	0221	0	2002	2016	(981,476.97)
131200	LGE	0221	0	2002	2017	(1,998,044.74)
131200	LGE	0221	7	2015	2016	1,623,563.71
131200	LGE	0221	7	2016	2016	3,633,924.93
131200	LGE	0221	7	2016	2017	(3,633,924.93)
131200	LGE	0221	7	2017	2017	231,698.97
131200	LGE	0221	9	2015	2016	530,484.82
131200	LGE	0221	9	2016	2016	51,709.18
131200	LGE	0221	9	2016	2017	3,636,390.70
131200	LGE	0221	9	2017	2017	389,229.91
131200	LGE	0222	7	2015	2016	1,762,942.23
131200	LGE	0222	7	2016	2016	0.00
131200	LGE	0222	7	2017	2017	1,818,036.49
131200	LGE	0222	9	2016	2016	34,447.60
131200	LGE	0222	9	2017	2017	781,490.56
131200	LGE	0231	0	1982	2016	(71,648.58)
131200	LGE	0231	0	1982	2017	(144,238.45)
131200	LGE	0231	0	1995	2016	(142,412.22)
131200	LGE	0231	0	2003	2017	(19,362.19)
131200	LGE	0231	0	2004	2016	(18,242.09)
131200	LGE	0231	0	2004	2017	(235,877.01)
131200	LGE	0231	0	2007	2016	(1,843,984.40)
131200	LGE	0231	0	2008	2016	(2,226,409.58)
131200	LGE	0231	0	2011	2016	(381,921.50)
131200	LGE	0231	0	2012	2016	(31,920.38)
131200	LGE	0231	6	1982	2016	1,263,768.52
131200	LGE	0231	7	2013	2016	(4,846,532.01)
131200	LGE	0231	7	2015	2016	(613,877.81)
131200	LGE	0231	7	2016	2016	125,730,585.41
131200	LGE	0231	7	2016	2017	(8,860,873.34)
131200	LGE	0231	7	2017	2017	1,051,658.23
131200	LGE	0231	9	2013	2016	5,027,641.67
131200	LGE	0231	9	2015	2016	613,877.81
131200	LGE	0231	9	2016	2016	735,953.04
131200	LGE	0231	9	2016	2017	8,860,958.29
131200	LGE	0231	9	2017	2017	137,534.38
131200	LGE	0232	0	1982	2016	(1,555,612.95)
131200	LGE	0232	0	1991	2016	(19,173,174.77)
131200	LGE	0232	0	1993	2016	(34,707.24)
131200	LGE	0232	0	1994	2016	(1,142,160.17)
131200	LGE	0232	0	1995	2016	(1,859,680.70)
131200	LGE	0232	0	1996	2016	(6,080,092.10)
131200	LGE	0232	0	1998	2016	(24,958.17)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	LGE	0232	0	1999	2016	(68,421.27)
131200	LGE	0232	0	2000	2016	(6,459,536.36)
131200	LGE	0232	0	2001	2016	(6,032,594.03)
131200	LGE	0232	0	2003	2016	(346,847.42)
131200	LGE	0232	0	2004	2016	(14,575,186.00)
131200	LGE	0232	0	2006	2016	(571,670.20)
131200	LGE	0232	0	2011	2016	(58,208.96)
131200	LGE	0232	0	2013	2016	(232,063.36)
131200	LGE	0232	7	2016	2016	144,685,022.03
131200	LGE	0232	7	2016	2017	(1,172,797.12)
131200	LGE	0232	9	2016	2017	1,186,619.96
131200	LGE	0232	9	2017	2017	546,111.42
131200	LGE	0241	0	1973	2017	(147,111.85)
131200	LGE	0241	0	1980	2017	(26,063.04)
131200	LGE	0241	0	1984	2016	(96,918.64)
131200	LGE	0241	0	1984	2017	(1,458,000.24)
131200	LGE	0241	0	1986	2016	(159,932.92)
131200	LGE	0241	0	1986	2017	(75,275.25)
131200	LGE	0241	0	1988	2017	(57.59)
131200	LGE	0241	0	1989	2017	(202,862.84)
131200	LGE	0241	0	1996	2016	(220,808.11)
131200	LGE	0241	0	2001	2016	(422,194.39)
131200	LGE	0241	0	2003	2016	230,459.75
131200	LGE	0241	0	2003	2017	(56,888.63)
131200	LGE	0241	0	2007	2016	(34,585.34)
131200	LGE	0241	0	2010	2016	(90,422.08)
131200	LGE	0241	0	2010	2017	(293,570.46)
131200	LGE	0241	0	2011	2016	(11,093.35)
131200	LGE	0241	0	2011	2017	(8,270.81)
131200	LGE	0241	0	2014	2017	(871,265.27)
131200	LGE	0241	6	2013	2016	86,467.79
131200	LGE	0241	7	2014	2016	(7,089,838.42)
131200	LGE	0241	7	2015	2016	(4,093,817.13)
131200	LGE	0241	7	2015	2017	(765,337.24)
131200	LGE	0241	7	2016	2016	5,159,824.81
131200	LGE	0241	7	2016	2017	(5,159,824.81)
131200	LGE	0241	7	2017	2017	12,190,642.84
131200	LGE	0241	9	2014	2016	7,089,838.42
131200	LGE	0241	9	2015	2016	4,061,513.86
131200	LGE	0241	9	2015	2017	765,337.24
131200	LGE	0241	9	2016	2016	886,255.72
131200	LGE	0241	9	2016	2017	5,135,378.71
131200	LGE	0241	9	2017	2017	354,821.06
131200	LGE	0242	0	2005	2017	(2,502.41)
131200	LGE	0242	0	2012	2017	(2,048.68)
131200	LGE	0242	7	2016	2016	217,815.77
131200	LGE	0242	7	2016	2017	(217,815.77)
131200	LGE	0242	7	2017	2017	9,374,691.16
131200	LGE	0242	9	2016	2017	226,721.31
131200	LGE	0242	9	2017	2017	3,952,593.62
131200	LGE	0311	0	1990	2016	(431,764.97)
131200	LGE	0311	0	1990	2017	(208,973.09)
131200	LGE	0311	0	1997	2017	(8,704.92)
131200	LGE	0311	0	2002	2017	(1,329,418.79)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131200	LGE	0311	0	2004	2017	(35,450.28)
131200	LGE	0311	0	2005	2016	(247,898.51)
131200	LGE	0311	0	2006	2016	(58,263.97)
131200	LGE	0311	0	2006	2017	(20,723.62)
131200	LGE	0311	0	2008	2016	(32,542.75)
131200	LGE	0311	0	2010	2016	(103,675.89)
131200	LGE	0311	0	2011	2016	(41,397.60)
131200	LGE	0311	4	2017	2017	8,082,568.87
131200	LGE	0311	6	1990	2016	4,942,817.00
131200	LGE	0311	7	2015	2016	2,335,719.48
131200	LGE	0311	7	2015	2017	(99,994,677.10)
131200	LGE	0311	7	2016	2016	586,782.77
131200	LGE	0311	7	2016	2017	(586,782.77)
131200	LGE	0311	7	2017	2017	11,260,020.68
131200	LGE	0311	9	2015	2016	582,987.55
131200	LGE	0311	9	2015	2017	85,291,076.94
131200	LGE	0311	9	2016	2016	2,033,494.06
131200	LGE	0311	9	2016	2017	535,618.40
131200	LGE	0312	0	1990	2016	(446,682.71)
131200	LGE	0312	0	1999	2016	(39,194.57)
131200	LGE	0312	7	2015	2016	(62,200.89)
131200	LGE	0312	7	2016	2016	0.00
131200	LGE	0312	9	2015	2016	62,200.89
131200	LGE	0312	9	2016	2016	3,384,658.53
131200	LGE	0321	0	2003	2017	(2,946.99)
131200	LGE	0321	0	2011	2016	(194,350.21)
131200	LGE	0321	0	2011	2017	(772,975.04)
131200	LGE	0321	0	2012	2016	(1.00)
131200	LGE	0321	4	2017	2017	(8,082,568.87)
131200	LGE	0321	6	2014	2016	62,635.58
131200	LGE	0321	7	2011	2016	(11,795.86)
131200	LGE	0321	7	2011	2017	(407,486.48)
131200	LGE	0321	7	2014	2016	(114,842.67)
131200	LGE	0321	7	2014	2017	1,482.00
131200	LGE	0321	7	2015	2016	(555,340.75)
131200	LGE	0321	7	2016	2016	2,303,015.49
131200	LGE	0321	7	2016	2017	(2,303,015.49)
131200	LGE	0321	7	2017	2017	11,197,875.74
131200	LGE	0321	9	2011	2016	228,311.56
131200	LGE	0321	9	2011	2017	1,363,135.87
131200	LGE	0321	9	2014	2016	48,506.02
131200	LGE	0321	9	2014	2017	(1,482.00)
131200	LGE	0321	9	2015	2016	625,442.41
131200	LGE	0321	9	2016	2016	326,717.88
131200	LGE	0321	9	2016	2017	2,199,705.37
131200	LGE	0321	9	2017	2017	748,139.86
131200	LGE	0322	0	2011	2016	(16,872.40)
131200	LGE	0322	7	2011	2016	(15,086.65)
131200	LGE	0322	7	2016	2016	0.00
131200	LGE	0322	9	2011	2016	121,370.41
131200	LGE	0322	9	2016	2016	18,889.14
131400	LGE	0112	9	2016	2017	124.53
131400	LGE	0121	9	2016	2017	124.53
131400	LGE	0131	9	2016	2017	124.53

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131400	LGE	0161	9	2016	2017	124.53
131400	LGE	0211	0	1965	2016	2,947.63
131400	LGE	0211	0	1965	2017	(377,326.28)
131400	LGE	0211	0	1965	2016	(2,947.63)
131400	LGE	0211	0	1965	2017	377,326.28
131400	LGE	0211	0	1972	2016	2,947.63
131400	LGE	0211	0	1972	2017	(377,326.28)
131400	LGE	0211	7	2015	2016	(5,899,814.07)
131400	LGE	0211	7	2017	2017	136,641.40
131400	LGE	0211	9	2015	2016	5,899,814.07
131400	LGE	0211	9	2017	2017	153,077.28
131400	LGE	0221	0	1975	2016	54,258.72
131400	LGE	0221	0	2002	2016	1,065,664.45
131400	LGE	0221	0	2015	2017	(80,612.99)
131400	LGE	0221	7	2015	2016	(7,228,707.76)
131400	LGE	0221	7	2016	2016	19,136.74
131400	LGE	0221	7	2016	2017	(19,136.74)
131400	LGE	0221	7	2017	2017	33,585.81
131400	LGE	0221	9	2015	2016	7,228,707.76
131400	LGE	0221	9	2016	2017	23,846.81
131400	LGE	0221	9	2017	2017	20,020.08
131400	LGE	0231	0	1982	2016	(866,740.82)
131400	LGE	0231	7	2013	2016	0.00
131400	LGE	0231	7	2015	2016	(84,415.80)
131400	LGE	0231	7	2016	2016	60,839.79
131400	LGE	0231	7	2016	2017	(60,839.79)
131400	LGE	0231	7	2017	2017	34,737.79
131400	LGE	0231	9	2013	2016	(2,141.28)
131400	LGE	0231	9	2015	2016	84,415.80
131400	LGE	0231	9	2016	2016	414,838.89
131400	LGE	0231	9	2016	2017	60,839.79
131400	LGE	0231	9	2017	2017	106,036.53
131400	LGE	0241	0	1984	2016	(165,635.96)
131400	LGE	0241	0	1984	2017	(227,891.27)
131400	LGE	0241	7	2014	2016	(3,976,990.40)
131400	LGE	0241	7	2015	2016	(857,037.87)
131400	LGE	0241	7	2016	2016	(1,067.70)
131400	LGE	0241	7	2016	2017	1,067.70
131400	LGE	0241	7	2017	2017	396,017.26
131400	LGE	0241	9	2014	2016	3,976,990.40
131400	LGE	0241	9	2015	2016	857,037.87
131400	LGE	0241	9	2016	2016	17,756.85
131400	LGE	0241	9	2017	2017	18,542.66
131400	LGE	0311	0	2000	2016	(3,551.37)
131400	LGE	0311	7	2017	2017	1,808,602.20
131400	LGE	0311	9	2016	2016	198,565.22
131400	LGE	0311	9	2017	2017	10,274.28
131400	LGE	0321	0	2011	2016	(41,720.61)
131400	LGE	0321	0	2011	2017	(521,266.77)
131400	LGE	0321	7	2011	2016	3,290.90
131400	LGE	0321	7	2011	2017	(407,486.33)
131400	LGE	0321	7	2015	2016	(46,216.02)
131400	LGE	0321	7	2016	2016	554,727.38
131400	LGE	0321	7	2016	2017	(554,727.38)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131400	LGE	0321	7	2017	2017	292,915.70
131400	LGE	0321	9	2011	2017	252,725.88
131400	LGE	0321	9	2015	2016	46,216.02
131400	LGE	0321	9	2016	2017	554,322.02
131400	LGE	0321	9	2017	2017	11,918.36
131500	LGE	0112	9	2016	2017	124.53
131500	LGE	0121	9	2016	2017	124.53
131500	LGE	0131	9	2016	2017	124.62
131500	LGE	0141	9	2016	2017	124.53
131500	LGE	0142	9	2016	2017	124.53
131500	LGE	0151	9	2016	2017	124.53
131500	LGE	0152	9	2016	2017	124.53
131500	LGE	0161	9	2016	2017	124.53
131500	LGE	0162	9	2016	2017	124.53
131500	LGE	0211	0	1965	2016	(16,691.15)
131500	LGE	0211	0	1965	2017	(4,699.98)
131500	LGE	0211	0	1965	2016	16,691.15
131500	LGE	0211	0	1965	2017	4,699.98
131500	LGE	0211	0	1972	2016	(16,691.15)
131500	LGE	0211	0	1972	2017	(4,699.98)
131500	LGE	0211	7	2015	2016	8,599.54
131500	LGE	0211	7	2017	2017	512,166.82
131500	LGE	0211	9	2015	2016	35,814.45
131500	LGE	0211	9	2017	2017	21,152.89
131500	LGE	0221	0	1975	2017	(4,239.31)
131500	LGE	0221	0	1986	2016	(10,096.51)
131500	LGE	0221	7	2015	2016	6,125.07
131500	LGE	0221	7	2016	2016	4,342,229.81
131500	LGE	0221	7	2016	2017	(4,342,229.81)
131500	LGE	0221	7	2017	2017	140,421.06
131500	LGE	0221	9	2015	2016	69,855.00
131500	LGE	0221	9	2016	2017	4,342,229.81
131500	LGE	0221	9	2017	2017	82,310.60
131500	LGE	0222	7	2015	2016	42,554.29
131500	LGE	0231	0	1982	2016	(146,757.67)
131500	LGE	0231	0	1982	2017	(13,115.06)
131500	LGE	0231	7	2015	2016	(142,860.84)
131500	LGE	0231	7	2016	2016	11,177,869.04
131500	LGE	0231	7	2016	2017	(37,506.80)
131500	LGE	0231	9	2015	2016	142,860.84
131500	LGE	0231	9	2016	2016	489,235.00
131500	LGE	0231	9	2016	2017	37,506.80
131500	LGE	0231	9	2017	2017	57,028.30
131500	LGE	0232	0	1982	2016	(1,442,895.90)
131500	LGE	0232	7	2016	2016	8,703,304.86
131500	LGE	0241	7	2016	2016	23,297.30
131500	LGE	0241	7	2016	2017	(23,297.30)
131500	LGE	0241	7	2017	2017	759,284.84
131500	LGE	0241	9	2016	2017	23,297.30
131500	LGE	0241	9	2017	2017	101,705.40
131500	LGE	0311	0	2005	2016	(161.99)
131500	LGE	0311	7	2015	2016	4,795.48
131500	LGE	0311	7	2015	2017	(164,292.67)
131500	LGE	0311	7	2016	2016	51,749.25

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131500	LGE	0311	7	2016	2017	8.47
131500	LGE	0311	7	2017	2017	298,835.86
131500	LGE	0311	9	2015	2017	15,555,328.27
131500	LGE	0311	9	2016	2016	93,341.71
131500	LGE	0321	7	2011	2016	(11,795.83)
131500	LGE	0321	7	2011	2017	(407,486.48)
131500	LGE	0321	7	2016	2016	56,225.29
131500	LGE	0321	7	2016	2017	(23,896.29)
131500	LGE	0321	7	2017	2017	46,721.17
131500	LGE	0321	9	2011	2017	125,215.94
131500	LGE	0321	9	2016	2016	148,135.71
131500	LGE	0321	9	2016	2017	25,542.49
131500	LGE	0321	9	2017	2017	12,652.97
131600	LGE	0141	9	2016	2017	249.08
131600	LGE	0142	9	2016	2017	124.53
131600	LGE	0162	9	2016	2017	124.53
131600	LGE	0190	7	2016	2016	21,052.85
131600	LGE	0190	7	2016	2017	(21,052.85)
131600	LGE	0190	7	2017	2017	73,926.20
131600	LGE	0190	9	2016	2017	21,052.85
131600	LGE	0211	0	1972	2016	(37,817.54)
131600	LGE	0211	0	1973	2017	(2,049.80)
131600	LGE	0211	0	1974	2017	(8,386.40)
131600	LGE	0211	0	1983	2017	(1,073.94)
131600	LGE	0211	7	2015	2016	244.93
131600	LGE	0211	7	2017	2017	312,423.29
131600	LGE	0221	0	1975	2017	(2,906.46)
131600	LGE	0221	0	1976	2017	(3,799.94)
131600	LGE	0221	0	1977	2017	(4,485.34)
131600	LGE	0221	0	1978	2017	(5,480.65)
131600	LGE	0221	0	1979	2017	(4,912.89)
131600	LGE	0221	0	1982	2017	(1,073.95)
131600	LGE	0221	0	1982	2017	1,073.95
131600	LGE	0221	0	1983	2017	(1,073.95)
131600	LGE	0221	7	2015	2016	67.75
131600	LGE	0231	0	1980	2017	(3,444.38)
131600	LGE	0231	0	1981	2017	(3,325.80)
131600	LGE	0231	0	1982	2017	(4,551.65)
131600	LGE	0241	0	1960	2017	(1,288.06)
131600	LGE	0241	0	1961	2017	(3,517.80)
131600	LGE	0241	0	1963	2017	(323.21)
131600	LGE	0241	0	1964	2017	(1,723.62)
131600	LGE	0241	0	1965	2017	(7,530.63)
131600	LGE	0241	0	1966	2017	(8,187.42)
131600	LGE	0241	0	1967	2017	(9,934.47)
131600	LGE	0241	0	1968	2017	(1,598.94)
131600	LGE	0241	0	1970	2017	(3,271.54)
131600	LGE	0241	0	1971	2017	(4,018.61)
131600	LGE	0241	0	1972	2017	(1,903.66)
131600	LGE	0241	0	1973	2017	(1,107.06)
131600	LGE	0241	0	1974	2017	(1,351.50)
131600	LGE	0241	0	1977	2017	(4,349.52)
131600	LGE	0241	0	1978	2017	(2,668.29)
131600	LGE	0241	0	1980	2017	(3,507.56)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131600	LGE	0241	0	1983	2017	(1,073.95)
131600	LGE	0241	0	1984	2016	(2,856.81)
131600	LGE	0241	0	1984	2017	(2,686.16)
131600	LGE	0241	0	1985	2017	(6,552.03)
131600	LGE	0241	0	1986	2017	(5,908.49)
131600	LGE	0241	0	1987	2017	(3,665.52)
131600	LGE	0241	0	1988	2017	(2,892.30)
131600	LGE	0241	0	1989	2017	(2,686.03)
131600	LGE	0241	0	1992	2017	(85.64)
131600	LGE	0241	0	1994	2016	(2,248.05)
131600	LGE	0241	0	1996	2017	(5,560.40)
131600	LGE	0241	0	2000	2017	(699.63)
131600	LGE	0241	0	2002	2017	(1,701.15)
131600	LGE	0241	0	2005	2016	(6,337.22)
131600	LGE	0241	0	2006	2016	(2,876.52)
131600	LGE	0241	0	2008	2016	(17,004.40)
131600	LGE	0241	0	2008	2017	(26,188.53)
131600	LGE	0241	0	2011	2016	(6,844.77)
131600	LGE	0241	0	2011	2017	(27,269.58)
131600	LGE	0241	0	2013	2016	(3,030.74)
131600	LGE	0241	6	2013	2016	(86,467.79)
131600	LGE	0241	7	2015	2016	(181,440.74)
131600	LGE	0241	7	2016	2016	408,602.25
131600	LGE	0241	7	2016	2017	(408,602.25)
131600	LGE	0241	7	2017	2017	773,782.95
131600	LGE	0241	9	2015	2016	168,302.14
131600	LGE	0241	9	2016	2016	70,379.19
131600	LGE	0241	9	2016	2017	481,501.61
131600	LGE	0241	9	2017	2017	137,995.32
131600	LGE	0311	7	2017	2017	175,362.80
131600	LGE	0321	0	2011	2016	(44,585.53)
131600	LGE	0321	0	2011	2017	(18,624.45)
131600	LGE	0321	6	2014	2016	(62,635.58)
131600	LGE	0321	7	2011	2016	3,290.81
131600	LGE	0321	7	2011	2017	(407,486.38)
131600	LGE	0321	7	2014	2016	(160,078.05)
131600	LGE	0321	7	2015	2016	(59,783.28)
131600	LGE	0321	7	2016	2016	80,095.40
131600	LGE	0321	7	2016	2017	(80,095.40)
131600	LGE	0321	7	2017	2017	653,898.57
131600	LGE	0321	9	2014	2016	160,078.05
131600	LGE	0321	9	2015	2016	149,819.76
131600	LGE	0321	9	2016	2016	58,203.56
131600	LGE	0321	9	2016	2017	78,094.31
131600	LGE	0321	9	2017	2017	29,393.17
131707	LGE	0000	0	2010	2016	(785,926.26)
131707	LGE	0000	0	2010	2017	(20,817,965.80)
131707	LGE	0000	6	2010	2016	(110,869,286.33)
131707	LGE	0000	6	2015	2016	(1,309,658.53)
131707	LGE	0000	9	2010	2016	19,404,481.67
131707	LGE	0000	9	2010	2017	(3,820,098.26)
131707	LGE	0000	9	2011	2016	73,261.13
131707	LGE	0000	9	2011	2017	1,621,771.08
131707	LGE	0000	9	2015	2016	33,163.51



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
131707	LGE	0000	9	2015	2017	711,715.27
131707	LGE	0000	9	2016	2016	717,571.02
131707	LGE	0000	9	2016	2017	483,264.89
131708	LGE	0000	6	2010	2016	110,869,286.33
131708	LGE	0000	6	2015	2016	1,309,658.53
131708	LGE	0000	9	2010	2016	(30,374,999.22)
131708	LGE	0000	9	2010	2017	(9,366,175.43)
131708	LGE	0000	9	2015	2016	104,834.71
131708	LGE	0000	9	2015	2017	1,053,390.48
133100	LGE	0451	0	1934	2016	(2,183.10)
133100	LGE	0451	0	1951	2016	(1,488.45)
133100	LGE	0451	0	1951	2017	(16,250.35)
133100	LGE	0451	0	1980	2017	(12,016.39)
133100	LGE	0451	7	2012	2016	(59,225.28)
133100	LGE	0451	7	2014	2016	(18,762.94)
133100	LGE	0451	7	2015	2016	1,469,545.40
133100	LGE	0451	7	2015	2017	212.36
133100	LGE	0451	7	2016	2016	1,476,294.59
133100	LGE	0451	7	2016	2017	17,521.30
133100	LGE	0451	7	2017	2017	2,000,847.18
133100	LGE	0451	9	2012	2016	903.97
133100	LGE	0451	9	2015	2016	143,301.79
133200	LGE	0451	0	1977	2017	(7,416.11)
133200	LGE	0451	0	2008	2016	(73,001.94)
133200	LGE	0451	7	2012	2016	(59,225.28)
133200	LGE	0451	7	2014	2016	(28,862.34)
133200	LGE	0451	7	2015	2016	2,338,116.32
133200	LGE	0451	7	2015	2017	318.56
133200	LGE	0451	7	2016	2016	2,214,441.88
133200	LGE	0451	7	2016	2017	26,282.01
133200	LGE	0451	7	2017	2017	2,939,574.14
133200	LGE	0451	9	2012	2016	23,274.74
133200	LGE	0451	9	2015	2016	81,154.44
133300	LGE	0451	0	1934	2016	(56,881.60)
133300	LGE	0451	0	1934	2017	(106,855.70)
133300	LGE	0451	0	1934	2017	(7,705.10)
133300	LGE	0451	0	1937	2017	(39,267.64)
133300	LGE	0451	0	1965	2017	(7,705.10)
133300	LGE	0451	0	1965	2017	7,705.10
133300	LGE	0451	0	1995	2016	(335.60)
133300	LGE	0451	7	2012	2016	(59,225.46)
133300	LGE	0451	7	2014	2016	(121,537.13)
133300	LGE	0451	7	2015	2016	9,677,083.17
133300	LGE	0451	7	2015	2017	1,274.21
133300	LGE	0451	7	2016	2016	8,857,767.49
133300	LGE	0451	7	2016	2017	105,128.03
133300	LGE	0451	7	2017	2017	10,997,838.27
133300	LGE	0451	9	2012	2016	262,562.00
133400	LGE	0451	0	1934	2017	(11,967.56)
133400	LGE	0451	0	1948	2017	(110.77)
133400	LGE	0451	0	1952	2017	(9,012.17)
133400	LGE	0451	7	2012	2016	(59,225.22)
133400	LGE	0451	7	2014	2016	(18,997.67)
133400	LGE	0451	7	2015	2016	1,612,847.19

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
133400	LGE	0451	7	2015	2017	212.36
133400	LGE	0451	7	2016	2016	1,476,294.59
133400	LGE	0451	7	2016	2017	17,521.30
133400	LGE	0451	7	2017	2017	1,832,973.05
133400	LGE	0451	9	2012	2016	9,385.81
133500	LGE	0451	0	1934	2016	(1,539.00)
133500	LGE	0451	0	1934	2017	(3,369.58)
133500	LGE	0451	7	2012	2016	(59,225.28)
133500	LGE	0451	7	2014	2016	(9,379.34)
133500	LGE	0451	7	2015	2016	806,423.66
133500	LGE	0451	7	2015	2017	106.20
133500	LGE	0451	7	2016	2016	738,147.27
133500	LGE	0451	7	2016	2017	8,760.75
133500	LGE	0451	7	2017	2017	916,486.51
133707	LGE	0000	9	2010	2016	208,841.18
134020	LGE	5648	9	2016	2016	103,618.65
134100	LGE	0171	0	1970	2016	(766.92)
134100	LGE	0171	7	2016	2016	115,095.96
134100	LGE	0171	7	2016	2017	(115,095.96)
134100	LGE	0171	9	2016	2017	117,784.68
134100	LGE	0172	0	1955	2016	(16,857.56)
134100	LGE	0172	0	1959	2016	(20,490.72)
134100	LGE	0172	0	1970	2016	(217.50)
134100	LGE	0172	7	2015	2016	(13,127,907.45)
134100	LGE	0172	7	2016	2016	18,415.36
134100	LGE	0172	7	2016	2017	(18,415.36)
134100	LGE	0172	7	2017	2017	90,938.60
134100	LGE	0172	9	2015	2016	13,261,233.20
134100	LGE	0172	9	2016	2017	18,415.36
134100	LGE	0172	9	2017	2017	23,493.41
134100	LGE	0432	0	2001	2016	(4,535.59)
134100	LGE	0432	7	2015	2016	(207,800.70)
134100	LGE	0432	7	2017	2017	53,699.09
134100	LGE	0432	9	2015	2016	200,761.69
134100	LGE	0432	9	2016	2016	9,437.69
134100	LGE	0459	0	2001	2016	(90,454.98)
134100	LGE	0459	7	2015	2016	(12,199.46)
134100	LGE	0459	7	2016	2016	0.00
134100	LGE	0459	9	2015	2016	12,199.46
134100	LGE	0459	9	2016	2016	391,686.95
134100	LGE	5648	4	2016	2016	(8,829,349.26)
134100	LGE	5648	7	2016	2016	9,404,629.36
134100	LGE	5648	7	2016	2017	(575,280.10)
134100	LGE	5648	9	2016	2017	923,945.85
134200	LGE	0172	7	2015	2016	(31,223,235.12)
134200	LGE	0172	9	2015	2016	1,761,469.29
134200	LGE	0173	7	2015	2016	(6,601,824.69)
134200	LGE	0173	7	2015	2017	(1,806.11)
134200	LGE	0173	9	2015	2016	6,600,414.96
134200	LGE	0173	9	2015	2017	1,806.11
134200	LGE	0432	0	2003	2017	(21,564.32)
134200	LGE	0432	0	2003	2017	21,564.32
134200	LGE	0432	0	2005	2017	(21,564.32)
134200	LGE	0432	4	2016	2017	(7,657,449.06)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
134200	LGE	0432	7	2016	2016	7,616,568.71
134200	LGE	0432	7	2016	2017	40,880.35
134200	LGE	0433	4	2016	2017	7,657,449.06
134200	LGE	0433	7	2016	2017	(7,657,449.06)
134200	LGE	0433	9	2016	2017	7,693,302.29
134200	LGE	0473	7	2017	2017	319,678.10
134300	LGE	0171	7	2017	2017	23,449.80
134300	LGE	0172	0	2015	2017	(54,987.73)
134300	LGE	0172	7	2015	2016	(25,159,119.94)
134300	LGE	0172	7	2017	2017	2,744,928.04
134300	LGE	0172	9	2015	2016	71,158,532.18
134300	LGE	0172	9	2016	2017	58,558.82
134300	LGE	0172	9	2017	2017	6,784.78
134300	LGE	0430	6	2013	2017	(16,843.43)
134300	LGE	0431	6	2013	2017	(56,676.62)
134300	LGE	0431	6	2014	2017	(211,526.81)
134300	LGE	0432	7	2017	2017	153,758.94
134300	LGE	0459	7	2017	2017	4,448,522.04
134300	LGE	0460	0	1999	2016	(13,536.14)
134300	LGE	0460	0	1999	2016	13,536.14
134300	LGE	0460	0	2000	2016	(13,536.14)
134300	LGE	0460	7	2015	2016	(59,423.63)
134300	LGE	0460	9	2015	2016	29,122.16
134300	LGE	0461	0	1999	2016	(13,536.14)
134300	LGE	0461	9	2009	2017	229,911.49
134300	LGE	0461	9	2015	2016	29,122.13
134300	LGE	0470	0	2002	2017	(22,414.04)
134300	LGE	0470	0	2012	2017	(308,608.47)
134300	LGE	0470	7	2016	2016	87,127.08
134300	LGE	0470	7	2016	2017	(87,127.08)
134300	LGE	0470	7	2017	2017	1,850,721.91
134300	LGE	0470	9	2016	2017	601,794.45
134300	LGE	0471	0	2002	2017	(38,645.83)
134300	LGE	0471	0	2011	2017	(450,838.36)
134300	LGE	0471	6	2013	2017	694,664.21
134300	LGE	0471	7	2016	2016	1,330,428.58
134300	LGE	0471	7	2016	2017	(1,330,428.58)
134300	LGE	0471	9	2016	2017	724,971.99
134300	LGE	0474	6	2013	2017	(694,664.21)
134300	LGE	0477	0	2004	2017	(14,840.24)
134300	LGE	0477	7	2016	2016	37,671.67
134300	LGE	0477	7	2016	2017	(37,671.67)
134300	LGE	0477	7	2017	2017	99,899.49
134300	LGE	0477	9	2017	2017	30,350.22
134400	LGE	0172	7	2015	2016	(31,742,426.62)
134400	LGE	0172	7	2017	2017	66,747.38
134400	LGE	0172	9	2015	2016	16,127,579.67
134400	LGE	0172	9	2017	2017	42,080.89
134400	LGE	0410	0	1970	2016	(20.48)
134400	LGE	0410	0	1996	2016	(4,245.82)
134400	LGE	0430	6	2013	2017	16,843.43
134400	LGE	0431	6	2013	2017	56,676.62
134400	LGE	0431	6	2014	2017	211,526.81
134400	LGE	0432	9	2017	2017	5,206.09

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
134400	LGE	0459	9	2017	2017	13,218.82
134400	LGE	0460	9	2017	2017	8,655.33
134400	LGE	0461	9	2017	2017	5,847.65
134400	LGE	0470	0	2002	2017	(3,004.96)
134400	LGE	0470	7	2016	2016	71,864.34
134400	LGE	0470	7	2016	2017	(71,864.34)
134400	LGE	0470	9	2016	2017	81,289.29
134400	LGE	0470	9	2017	2017	4,541.72
134400	LGE	0471	0	2002	2017	(35,577.73)
134400	LGE	0471	7	2016	2016	68,319.59
134400	LGE	0471	7	2016	2017	(68,319.59)
134400	LGE	0471	9	2016	2017	76,662.95
134400	LGE	0471	9	2017	2017	3,928.13
134400	LGE	0474	0	2004	2017	(3,226.13)
134400	LGE	0474	9	2016	2017	10,047.59
134400	LGE	0474	9	2017	2017	4,793.12
134400	LGE	0475	0	2004	2017	(3,209.69)
134400	LGE	0475	9	2016	2017	9,996.39
134400	LGE	0475	9	2017	2017	4,755.50
134400	LGE	0476	0	2004	2016	(36,542.69)
134400	LGE	0476	0	2004	2017	(259,348.13)
134400	LGE	0476	7	2016	2016	456,436.11
134400	LGE	0476	7	2016	2017	(456,436.11)
134400	LGE	0476	9	2016	2016	75,310.46
134400	LGE	0476	9	2016	2017	466,806.00
134400	LGE	0476	9	2017	2017	4,788.07
134400	LGE	0477	0	2004	2017	(3,649.71)
134400	LGE	0477	9	2016	2017	11,366.82
134400	LGE	0477	9	2017	2017	4,640.81
134400	LGE	5648	4	2016	2016	8,227,211.23
134400	LGE	5648	7	2016	2016	393,322.44
134400	LGE	5648	7	2016	2017	(8,620,533.67)
134400	LGE	5648	9	2016	2017	8,363,103.36
134500	LGE	0172	7	2015	2016	(7,358,623.01)
134500	LGE	0172	7	2017	2017	2,292,154.21
134500	LGE	0172	9	2015	2016	5,055,638.51
134500	LGE	0172	9	2017	2017	16,396.34
134500	LGE	0410	7	2015	2016	(9,369.06)
134500	LGE	0410	9	2015	2016	9,956.91
134500	LGE	0430	0	1970	2016	(107.47)
134500	LGE	0430	7	2015	2016	(9,931.03)
134500	LGE	0430	9	2015	2016	9,931.03
134500	LGE	0431	0	1970	2016	(194.16)
134500	LGE	0470	0	2002	2016	(26,855.84)
134500	LGE	0470	7	2014	2016	(130,160.28)
134500	LGE	0470	7	2016	2016	0.00
134500	LGE	0470	9	2016	2016	53,711.68
134500	LGE	0471	0	2002	2016	(26,855.84)
134500	LGE	0471	7	2016	2016	0.00
134500	LGE	0471	9	2014	2016	84,650.68
134500	LGE	0471	9	2016	2016	53,711.68
134500	LGE	0474	0	2004	2016	(35,012.84)
134500	LGE	0474	7	2014	2016	(166,063.48)
134500	LGE	0474	7	2016	2016	0.00

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
134500	LGE	0474	9	2016	2016	68,528.70
134500	LGE	0475	9	2014	2016	104,628.01
134500	LGE	0476	7	2014	2016	(166,063.47)
134500	LGE	0477	7	2017	2017	2,272,473.29
134500	LGE	0477	9	2014	2016	140,020.09
134500	LGE	5648	4	2016	2016	414,341.01
134500	LGE	5648	7	2016	2016	30,702.09
134500	LGE	5648	7	2016	2017	(445,043.10)
134500	LGE	5648	9	2016	2017	285,072.02
134600	LGE	0172	7	2015	2016	(3,551.54)
134600	LGE	0172	9	2015	2016	881,088.10
134600	LGE	0172	9	2017	2017	25,000.00
134600	LGE	0432	0	2001	2017	(7,567.58)
134600	LGE	0432	7	2016	2016	16,014.23
134600	LGE	0432	7	2016	2017	(16,014.23)
134600	LGE	0432	9	2016	2017	16,014.23
134600	LGE	0459	0	2001	2017	(15,317.22)
134600	LGE	0459	7	2016	2016	32,413.72
134600	LGE	0459	7	2016	2017	(32,413.72)
134600	LGE	0459	9	2016	2017	32,413.72
134600	LGE	5648	4	2016	2016	187,797.02
134600	LGE	5648	7	2016	2016	8,716.26
134600	LGE	5648	7	2016	2017	(196,513.28)
134600	LGE	5648	9	2016	2017	271,849.13
134705	LGE	0000	9	2010	2016	(6,164.22)
134707	LGE	0000	9	2015	2017	(5,158.64)
134707	LGE	0000	9	2017	2017	39,043.24
135010	LGE	9999	6	2012	2016	0.00
135020	LGE	9999	0	1975	2016	(3,671.69)
135210	LGE	9999	0	1942	2016	(22,792.69)
135210	LGE	9999	0	1942	2017	(1,666.32)
135210	LGE	9999	0	1952	2017	(911.66)
135210	LGE	9999	0	1955	2017	(3,864.60)
135210	LGE	9999	0	1956	2016	(22,795.69)
135210	LGE	9999	0	1956	2016	22,792.69
135210	LGE	9999	0	1960	2017	(10,476.32)
135210	LGE	9999	0	1960	2017	1,666.32
135210	LGE	9999	0	1964	2017	(582.48)
135210	LGE	9999	0	1965	2017	(5,547.48)
135210	LGE	9999	0	1965	2017	582.48
135210	LGE	9999	0	1978	2017	(700.00)
135210	LGE	9999	0	1980	2016	(543.51)
135210	LGE	9999	0	2008	2016	(47,272.73)
135210	LGE	9999	0	2008	2017	(5,205.59)
135210	LGE	9999	4	2015	2016	0.00
135210	LGE	9999	4	2016	2016	0.00
135210	LGE	9999	6	2010	2017	(72,053.22)
135210	LGE	9999	7	2014	2017	(614.38)
135210	LGE	9999	7	2015	2016	(4,209,483.83)
135210	LGE	9999	7	2015	2017	(212,824.53)
135210	LGE	9999	7	2016	2016	11,960.53
135210	LGE	9999	7	2016	2017	(11,960.53)
135210	LGE	9999	9	2015	2016	255,512.22
135210	LGE	9999	9	2015	2017	35.09

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135210	LGE	9999	9	2016	2016	8,761,120.34
135210	LGE	9999	9	2016	2017	129,262.80
135210	LGE	9999	9	2017	2017	223,536.78
135310	LGE	9999	0	1936	2017	(9,839.24)
135310	LGE	9999	0	1936	2017	9,839.24
135310	LGE	9999	0	1939	2016	(662.61)
135310	LGE	9999	0	1939	2017	(535.60)
135310	LGE	9999	0	1939	2016	662.61
135310	LGE	9999	0	1939	2017	535.60
135310	LGE	9999	0	1940	2016	(662.61)
135310	LGE	9999	0	1940	2017	(9,839.24)
135310	LGE	9999	0	1940	2017	(535.60)
135310	LGE	9999	0	1942	2016	(4.48)
135310	LGE	9999	0	1943	2016	(27.68)
135310	LGE	9999	0	1948	2016	(28,917.71)
135310	LGE	9999	0	1949	2016	(2,286.83)
135310	LGE	9999	0	1949	2017	(69,415.57)
135310	LGE	9999	0	1950	2016	(10,033.42)
135310	LGE	9999	0	1950	2016	10,033.42
135310	LGE	9999	0	1951	2016	(10,033.42)
135310	LGE	9999	0	1952	2016	(552.63)
135310	LGE	9999	0	1954	2016	(24.54)
135310	LGE	9999	0	1954	2017	(37,726.13)
135310	LGE	9999	0	1955	2016	(2,844.58)
135310	LGE	9999	0	1955	2017	(54.39)
135310	LGE	9999	0	1956	2016	(3,730.54)
135310	LGE	9999	0	1956	2017	(1,464.04)
135310	LGE	9999	0	1957	2016	(12,193.77)
135310	LGE	9999	0	1957	2017	(44,866.23)
135310	LGE	9999	0	1958	2016	(1,013.75)
135310	LGE	9999	0	1958	2017	(7.38)
135310	LGE	9999	0	1959	2016	(2,567.90)
135310	LGE	9999	0	1959	2017	(1,831.10)
135310	LGE	9999	0	1960	2016	(8,275.77)
135310	LGE	9999	0	1965	2016	(939.42)
135310	LGE	9999	0	1965	2017	(12.84)
135310	LGE	9999	0	1967	2016	(3,223.19)
135310	LGE	9999	0	1968	2016	(152.49)
135310	LGE	9999	0	1969	2016	(3,950.76)
135310	LGE	9999	0	1969	2017	(68.39)
135310	LGE	9999	0	1970	2016	(41,828.72)
135310	LGE	9999	0	1970	2017	(2,766.17)
135310	LGE	9999	0	1971	2016	(1,364.72)
135310	LGE	9999	0	1972	2016	(1,184.67)
135310	LGE	9999	0	1973	2016	(8,433.47)
135310	LGE	9999	0	1974	2016	(6,357.16)
135310	LGE	9999	0	1974	2017	(25.20)
135310	LGE	9999	0	1975	2016	(674.13)
135310	LGE	9999	0	1975	2017	(4,465.14)
135310	LGE	9999	0	1976	2016	(42.98)
135310	LGE	9999	0	1977	2016	(169,913.57)
135310	LGE	9999	0	1977	2017	(158,366.49)
135310	LGE	9999	0	1978	2016	(3,356.50)
135310	LGE	9999	0	1978	2017	(3,691.58)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135310	LGE	9999	0	1980	2016	(2,165.20)
135310	LGE	9999	0	1980	2017	(6,344.02)
135310	LGE	9999	0	1981	2017	(7,326.68)
135310	LGE	9999	0	1983	2017	(4,678.64)
135310	LGE	9999	0	1985	2016	(3,823.48)
135310	LGE	9999	0	1989	2016	(121,970.96)
135310	LGE	9999	0	1991	2016	(1,058.51)
135310	LGE	9999	0	1991	2017	(173,752.46)
135310	LGE	9999	0	1993	2016	(799.57)
135310	LGE	9999	0	1994	2016	(17,468.60)
135310	LGE	9999	0	1996	2016	(5,633.38)
135310	LGE	9999	0	1996	2016	(713,796.62)
135310	LGE	9999	0	1997	2016	(713,796.62)
135310	LGE	9999	0	1997	2016	713,796.62
135310	LGE	9999	0	2001	2017	(11,172.02)
135310	LGE	9999	0	2002	2017	(77,833.24)
135310	LGE	9999	0	2003	2016	(31,352.82)
135310	LGE	9999	0	2003	2017	(593.69)
135310	LGE	9999	0	2004	2016	(28,833.59)
135310	LGE	9999	0	2006	2017	(2,208.23)
135310	LGE	9999	0	2008	2016	(98,159.29)
135310	LGE	9999	0	2008	2017	(8,946.55)
135310	LGE	9999	0	2010	2016	(15,680.31)
135310	LGE	9999	0	2010	2017	(62,924.55)
135310	LGE	9999	0	2011	2016	(1,400.09)
135310	LGE	9999	0	2011	2017	(128,706.02)
135310	LGE	9999	0	2012	2017	(477,446.53)
135310	LGE	9999	0	2013	2016	(2,430.68)
135310	LGE	9999	0	2013	2017	(669.16)
135310	LGE	9999	0	2015	2017	(19,424.79)
135310	LGE	9999	0	2016	2016	(28,513.98)
135310	LGE	9999	0	2016	2017	(6,862.25)
135310	LGE	9999	4	2015	2016	0.00
135310	LGE	9999	4	2016	2016	0.00
135310	LGE	9999	6	1959	2016	309,281.22
135310	LGE	9999	6	2000	2016	9,266.68
135310	LGE	9999	6	2002	2016	16,820.08
135310	LGE	9999	6	2003	2016	9,045.11
135310	LGE	9999	6	2007	2016	14,346.06
135310	LGE	9999	6	2008	2016	18,764.73
135310	LGE	9999	6	2009	2016	46,257.83
135310	LGE	9999	6	2010	2016	(14,808.80)
135310	LGE	9999	6	2011	2016	2,707.99
135310	LGE	9999	6	2012	2017	984,659.32
135310	LGE	9999	6	2013	2016	10,218.24
135310	LGE	9999	6	2013	2017	(8,987.62)
135310	LGE	9999	6	2014	2016	30,473.30
135310	LGE	9999	6	2015	2016	(49,990.76)
135310	LGE	9999	6	2016	2016	6,457.34
135310	LGE	9999	6	2017	2017	65,626.26
135310	LGE	9999	7	2012	2016	1,918.33
135310	LGE	9999	7	2012	2017	(1,918.33)
135310	LGE	9999	7	2013	2016	(47,441.60)
135310	LGE	9999	7	2014	2016	(4,959,504.13)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135310	LGE	9999	7	2014	2017	(2,222,744.11)
135310	LGE	9999	7	2015	2016	(19,186,352.03)
135310	LGE	9999	7	2015	2017	(1,234,207.16)
135310	LGE	9999	7	2016	2016	6,430,259.06
135310	LGE	9999	7	2016	2017	(3,274,493.35)
135310	LGE	9999	7	2017	2017	1,664,536.95
135310	LGE	9999	9	2014	2017	2,222,744.11
135310	LGE	9999	9	2015	2016	9,167,350.16
135310	LGE	9999	9	2015	2017	1,136,200.01
135310	LGE	9999	9	2016	2016	25,464,236.63
135310	LGE	9999	9	2016	2017	4,605,199.35
135310	LGE	9999	9	2017	2017	869,899.80
135320	LGE	9999	6	2017	2017	(65,626.26)
135320	LGE	9999	9	2017	2017	65,626.26
135400	LGE	9999	0	1934	2016	(12,157.29)
135400	LGE	9999	0	1942	2016	(2,828.91)
135400	LGE	9999	0	1949	2016	(2,828.91)
135400	LGE	9999	0	1949	2016	2,828.91
135400	LGE	9999	0	1956	2016	(27,876.56)
135400	LGE	9999	0	1958	2016	(26,823.97)
135400	LGE	9999	0	1960	2016	(88,134.60)
135400	LGE	9999	0	1960	2017	88,134.60
135400	LGE	9999	0	1961	2016	(3,004.77)
135400	LGE	9999	0	1961	2017	3,004.77
135400	LGE	9999	0	1966	2016	(29,001.22)
135400	LGE	9999	7	2012	2016	1,918.33
135400	LGE	9999	7	2012	2017	(1,918.33)
135400	LGE	9999	7	2015	2016	(603,661.85)
135400	LGE	9999	9	2016	2016	611,309.35
135500	LGE	9999	0	1939	2016	(18.27)
135500	LGE	9999	0	1941	2016	(665.05)
135500	LGE	9999	0	1949	2016	(0.14)
135500	LGE	9999	0	1955	2016	(149.66)
135500	LGE	9999	0	1956	2016	(1,177.09)
135500	LGE	9999	0	1957	2016	(300.10)
135500	LGE	9999	0	1957	2017	(6,879.60)
135500	LGE	9999	0	1959	2016	(1,139.50)
135500	LGE	9999	0	1960	2016	(2,659.00)
135500	LGE	9999	0	1960	2017	(3,949.18)
135500	LGE	9999	0	1961	2016	(2,659.00)
135500	LGE	9999	0	1961	2017	(3,949.18)
135500	LGE	9999	0	1961	2016	2,659.00
135500	LGE	9999	0	1961	2017	3,949.18
135500	LGE	9999	0	1964	2016	(6,029.82)
135500	LGE	9999	0	1966	2016	(81.35)
135500	LGE	9999	0	1966	2017	(805.69)
135500	LGE	9999	0	1967	2016	(284.53)
135500	LGE	9999	0	1968	2016	(345.83)
135500	LGE	9999	0	1969	2016	(6,705.83)
135500	LGE	9999	0	1970	2016	(56.08)
135500	LGE	9999	0	1971	2016	(1,251.30)
135500	LGE	9999	0	1972	2017	(431.17)
135500	LGE	9999	0	1973	2016	134.35
135500	LGE	9999	0	1975	2016	(2,296.63)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135500	LGE	9999	0	1975	2017	(567.46)
135500	LGE	9999	0	1976	2016	(1,780.36)
135500	LGE	9999	0	1977	2016	(2,655.99)
135500	LGE	9999	0	1977	2017	(16,425.54)
135500	LGE	9999	0	1978	2016	(1,158.96)
135500	LGE	9999	0	1979	2016	(29,434.07)
135500	LGE	9999	0	1979	2017	(8,587.41)
135500	LGE	9999	0	1980	2016	(6,952.91)
135500	LGE	9999	0	1980	2017	(5,299.90)
135500	LGE	9999	0	1981	2016	(30,213.64)
135500	LGE	9999	0	1982	2016	(2,569.76)
135500	LGE	9999	0	1982	2017	(89,462.44)
135500	LGE	9999	0	1983	2016	(70,784.01)
135500	LGE	9999	0	1984	2017	(6,731.11)
135500	LGE	9999	0	1985	2016	(4,333.11)
135500	LGE	9999	0	1987	2016	(6,368.71)
135500	LGE	9999	0	1988	2016	(8,865.58)
135500	LGE	9999	0	1988	2017	(10,620.07)
135500	LGE	9999	0	1989	2016	(15,653.03)
135500	LGE	9999	0	1989	2017	(7,315.68)
135500	LGE	9999	0	1990	2016	(44,964.28)
135500	LGE	9999	0	1990	2017	(36,438.99)
135500	LGE	9999	0	1991	2017	(50,573.68)
135500	LGE	9999	0	1992	2016	(13,667.90)
135500	LGE	9999	0	1992	2017	(33,644.52)
135500	LGE	9999	0	1994	2016	(2,612.28)
135500	LGE	9999	0	1994	2017	(568.52)
135500	LGE	9999	0	1995	2016	(11,522.80)
135500	LGE	9999	0	1998	2016	(8,224.79)
135500	LGE	9999	0	2003	2016	(9,092.91)
135500	LGE	9999	0	2003	2017	(46,021.66)
135500	LGE	9999	0	2004	2017	(35,561.23)
135500	LGE	9999	0	2005	2016	(36,712.58)
135500	LGE	9999	0	2005	2017	(7,779.05)
135500	LGE	9999	0	2006	2016	(719.08)
135500	LGE	9999	0	2007	2017	(10,323.13)
135500	LGE	9999	0	2008	2017	(6,116.56)
135500	LGE	9999	0	2009	2016	(20,154.21)
135500	LGE	9999	0	2010	2016	(2,942.55)
135500	LGE	9999	0	2011	2016	(20,181.51)
135500	LGE	9999	0	2012	2016	(2,012.36)
135500	LGE	9999	0	2012	2017	(15,636.88)
135500	LGE	9999	0	2014	2016	(13,028.23)
135500	LGE	9999	0	2014	2017	(49,944.33)
135500	LGE	9999	0	2015	2017	(18,582.23)
135500	LGE	9999	6	2006	2016	(0.00)
135500	LGE	9999	6	2015	2016	0.00
135500	LGE	9999	7	2011	2016	504.08
135500	LGE	9999	7	2012	2016	1,414.23
135500	LGE	9999	7	2012	2017	(1,918.31)
135500	LGE	9999	7	2014	2016	(50,988.95)
135500	LGE	9999	7	2015	2016	(2,106,242.28)
135500	LGE	9999	7	2015	2017	(178,785.36)
135500	LGE	9999	7	2016	2016	4,020,191.60

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135500	LGE	9999	7	2016	2017	(3,764,632.82)
135500	LGE	9999	7	2017	2017	3,744,087.45
135500	LGE	9999	9	2012	2017	9,591.63
135500	LGE	9999	9	2014	2016	87,493.79
135500	LGE	9999	9	2014	2017	3,449.01
135500	LGE	9999	9	2015	2016	3,357,798.15
135500	LGE	9999	9	2015	2017	149,434.13
135500	LGE	9999	9	2016	2016	13,713,584.18
135500	LGE	9999	9	2016	2017	4,137,571.17
135500	LGE	9999	9	2017	2017	186,445.59
135600	LGE	9999	0	1935	2017	(138.88)
135600	LGE	9999	0	1935	2017	138.88
135600	LGE	9999	0	1940	2016	(5.22)
135600	LGE	9999	0	1940	2016	5.22
135600	LGE	9999	0	1941	2016	(47.23)
135600	LGE	9999	0	1941	2016	47.23
135600	LGE	9999	0	1942	2016	(5.22)
135600	LGE	9999	0	1942	2016	(47.23)
135600	LGE	9999	0	1942	2017	(138.88)
135600	LGE	9999	0	1949	2016	(1,328.00)
135600	LGE	9999	0	1960	2016	(1,455.30)
135600	LGE	9999	0	1960	2017	1,007.35
135600	LGE	9999	0	1961	2016	(1,455.30)
135600	LGE	9999	0	1961	2017	1,007.35
135600	LGE	9999	0	1961	2016	1,455.30
135600	LGE	9999	0	1961	2017	(1,007.35)
135600	LGE	9999	0	1963	2016	(896.47)
135600	LGE	9999	0	1964	2016	(717.60)
135600	LGE	9999	0	1964	2017	(5,820.72)
135600	LGE	9999	0	1966	2016	(37.65)
135600	LGE	9999	0	1966	2017	(353.24)
135600	LGE	9999	0	1969	2016	(735.72)
135600	LGE	9999	0	1970	2016	(123.11)
135600	LGE	9999	0	1970	2017	(152.46)
135600	LGE	9999	0	1971	2016	(119.34)
135600	LGE	9999	0	1973	2016	2.17
135600	LGE	9999	0	1975	2016	(2,260.16)
135600	LGE	9999	0	1975	2017	(1,652.02)
135600	LGE	9999	0	1976	2016	(339.72)
135600	LGE	9999	0	1977	2016	(3,100.20)
135600	LGE	9999	0	1977	2017	(3,045.31)
135600	LGE	9999	0	1978	2016	(4,615.05)
135600	LGE	9999	0	1979	2016	(10,225.52)
135600	LGE	9999	0	1979	2017	(240.32)
135600	LGE	9999	0	1980	2016	(9,170.38)
135600	LGE	9999	0	1981	2016	(42,960.59)
135600	LGE	9999	0	1981	2017	(9,203.65)
135600	LGE	9999	0	1982	2016	(27,946.59)
135600	LGE	9999	0	1982	2017	(15,960.12)
135600	LGE	9999	0	1984	2017	(37,114.15)
135600	LGE	9999	0	1985	2016	(123.91)
135600	LGE	9999	0	1985	2017	(22.25)
135600	LGE	9999	0	1987	2017	(34,817.95)
135600	LGE	9999	0	1988	2016	(3,744.49)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135600	LGE	9999	0	1988	2017	(27,415.71)
135600	LGE	9999	0	1989	2017	(730.04)
135600	LGE	9999	0	1990	2016	(3,985.21)
135600	LGE	9999	0	1990	2017	(514.88)
135600	LGE	9999	0	1991	2016	(720.56)
135600	LGE	9999	0	1991	2017	(12,706.05)
135600	LGE	9999	0	1992	2016	(576.62)
135600	LGE	9999	0	1992	2017	(214.05)
135600	LGE	9999	0	1994	2016	(28,474.00)
135600	LGE	9999	0	1994	2017	(287.71)
135600	LGE	9999	0	1995	2016	(1,225.76)
135600	LGE	9999	0	1997	2016	(1,948.03)
135600	LGE	9999	0	1997	2017	(13.60)
135600	LGE	9999	0	2001	2016	(7.50)
135600	LGE	9999	0	2002	2016	(280.65)
135600	LGE	9999	0	2004	2016	(7,765.87)
135600	LGE	9999	0	2005	2016	(2,012.70)
135600	LGE	9999	0	2005	2017	(24,492.07)
135600	LGE	9999	0	2006	2017	(2,283.69)
135600	LGE	9999	0	2007	2016	(6,950.67)
135600	LGE	9999	0	2008	2016	(1,338.37)
135600	LGE	9999	0	2008	2017	(748.86)
135600	LGE	9999	0	2009	2016	(38,953.23)
135600	LGE	9999	0	2010	2016	(19,279.39)
135600	LGE	9999	0	2010	2017	(6,089.42)
135600	LGE	9999	0	2011	2016	(8,462.26)
135600	LGE	9999	0	2011	2017	(1,836.80)
135600	LGE	9999	0	2012	2016	(20,008.04)
135600	LGE	9999	0	2012	2017	(32,275.92)
135600	LGE	9999	0	2013	2016	(44,047.83)
135600	LGE	9999	0	2013	2017	(6,765.12)
135600	LGE	9999	0	2014	2016	(48,220.92)
135600	LGE	9999	0	2014	2017	(5,788.33)
135600	LGE	9999	0	2015	2016	(34,935.41)
135600	LGE	9999	0	2015	2017	(11,600.96)
135600	LGE	9999	6	2012	2016	0.00
135600	LGE	9999	6	2015	2016	0.00
135600	LGE	9999	7	2011	2016	504.09
135600	LGE	9999	7	2012	2016	1,414.24
135600	LGE	9999	7	2012	2017	(1,918.33)
135600	LGE	9999	7	2014	2016	(50,988.87)
135600	LGE	9999	7	2015	2016	(2,109,446.16)
135600	LGE	9999	7	2015	2017	(178,785.27)
135600	LGE	9999	7	2016	2016	965,359.37
135600	LGE	9999	7	2016	2017	(709,800.64)
135600	LGE	9999	7	2017	2017	840,168.20
135600	LGE	9999	9	2014	2016	35,454.13
135600	LGE	9999	9	2014	2017	2,369.62
135600	LGE	9999	9	2015	2016	1,361,328.26
135600	LGE	9999	9	2015	2017	199,531.29
135600	LGE	9999	9	2016	2016	4,431,980.00
135600	LGE	9999	9	2016	2017	333,656.02
135600	LGE	9999	9	2017	2017	121,524.91
135700	LGE	9999	6	2002	2016	(12,433.92)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
135700	LGE	9999	6	2010	2016	(578,380.64)
135700	LGE	9999	7	2017	2017	95,630.36
135800	LGE	9999	6	2011	2016	(59,663.62)
135800	LGE	9999	9	2016	2017	6,593.47
135915	LGE	9999	9	2010	2016	11,980.58
135915	LGE	9999	9	2010	2017	(3,757.49)
135917	LGE	9999	0	2011	2017	(7,370.88)
135917	LGE	9999	9	2011	2016	(21,765.98)
136020	LGE	9999	6	2016	2016	(871,644.37)
136020	LGE	9999	9	2016	2016	871,644.37
136025	LGE	9999	6	2016	2016	871,644.37
136100	LGE	9999	0	1922	2016	(135.61)
136100	LGE	9999	0	1922	2016	(1,745.80)
136100	LGE	9999	0	1922	2016	(184.42)
136100	LGE	9999	0	1922	2017	(10,470.54)
136100	LGE	9999	0	1934	2016	(135.61)
136100	LGE	9999	0	1934	2016	135.61
136100	LGE	9999	0	1970	2016	(4,195.68)
136100	LGE	9999	0	1971	2016	(889.70)
136100	LGE	9999	0	1973	2016	(1,117.79)
136100	LGE	9999	0	1974	2016	(1,745.80)
136100	LGE	9999	0	1974	2016	1,745.80
136100	LGE	9999	0	1975	2016	(37.70)
136100	LGE	9999	0	1976	2016	(2,919.19)
136100	LGE	9999	0	1978	2016	(3,225.62)
136100	LGE	9999	0	1979	2016	(286.77)
136100	LGE	9999	0	1980	2016	(2,660.64)
136100	LGE	9999	0	1981	2016	(1,209.29)
136100	LGE	9999	0	1981	2016	184.42
136100	LGE	9999	0	1987	2016	(6,605.00)
136100	LGE	9999	0	1993	2017	(6,891.14)
136100	LGE	9999	0	1995	2017	(5,398.29)
136100	LGE	9999	0	2008	2017	(10,470.54)
136100	LGE	9999	0	2008	2017	10,470.54
136100	LGE	9999	6	2010	2017	72,053.22
136100	LGE	9999	7	2014	2016	(41,568.83)
136100	LGE	9999	7	2015	2016	(664,792.73)
136100	LGE	9999	9	2015	2016	6,020.27
136100	LGE	9999	9	2016	2016	62,392.44
136100	LGE	9999	9	2017	2017	91,613.65
136200	LGE	9999	0	1940	2016	(1,677.15)
136200	LGE	9999	0	1941	2016	(252.31)
136200	LGE	9999	0	1941	2017	(4,915.29)
136200	LGE	9999	0	1943	2016	(15.79)
136200	LGE	9999	0	1948	2016	(89.42)
136200	LGE	9999	0	1954	2017	(290.83)
136200	LGE	9999	0	1956	2017	(108.91)
136200	LGE	9999	0	1957	2016	(11,443.21)
136200	LGE	9999	0	1957	2017	(5,803.54)
136200	LGE	9999	0	1958	2016	(1,102.63)
136200	LGE	9999	0	1958	2017	(498.30)
136200	LGE	9999	0	1959	2017	(43,677.01)
136200	LGE	9999	0	1960	2016	(58.80)
136200	LGE	9999	0	1961	2016	(71,343.13)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136200	LGE	9999	0	1961	2017	(26,743.31)
136200	LGE	9999	0	1962	2017	(39,809.70)
136200	LGE	9999	0	1963	2017	(2,270.12)
136200	LGE	9999	0	1964	2016	(9,792.55)
136200	LGE	9999	0	1964	2017	(2,302.79)
136200	LGE	9999	0	1965	2017	(33,876.00)
136200	LGE	9999	0	1968	2016	(47,473.22)
136200	LGE	9999	0	1968	2017	(11,337.54)
136200	LGE	9999	0	1969	2016	(1,220.30)
136200	LGE	9999	0	1969	2017	(7,377.56)
136200	LGE	9999	0	1970	2016	(819.28)
136200	LGE	9999	0	1970	2017	(19,293.51)
136200	LGE	9999	0	1971	2016	(5,509.54)
136200	LGE	9999	0	1972	2016	(2,560.31)
136200	LGE	9999	0	1973	2016	(911.32)
136200	LGE	9999	0	1973	2017	(11,264.91)
136200	LGE	9999	0	1974	2016	(103,007.08)
136200	LGE	9999	0	1974	2017	(1,357.42)
136200	LGE	9999	0	1975	2016	(1,211.45)
136200	LGE	9999	0	1976	2016	(1,442.81)
136200	LGE	9999	0	1977	2017	(73.31)
136200	LGE	9999	0	1978	2016	(418.95)
136200	LGE	9999	0	1978	2017	(1,963.81)
136200	LGE	9999	0	1979	2016	(19,638.20)
136200	LGE	9999	0	1980	2016	(8,532.56)
136200	LGE	9999	0	1980	2016	(77,598.65)
136200	LGE	9999	0	1980	2017	(22,966.65)
136200	LGE	9999	0	1981	2016	(77,598.65)
136200	LGE	9999	0	1981	2017	(22,966.65)
136200	LGE	9999	0	1981	2016	77,598.65
136200	LGE	9999	0	1981	2017	22,966.65
136200	LGE	9999	0	1982	2016	(84,727.71)
136200	LGE	9999	0	1983	2017	(1,501.81)
136200	LGE	9999	0	1985	2017	(11,166.83)
136200	LGE	9999	0	1986	2016	(3,911.13)
136200	LGE	9999	0	1986	2017	(8,567.21)
136200	LGE	9999	0	1988	2017	(3,498.60)
136200	LGE	9999	0	1989	2016	(4,235.51)
136200	LGE	9999	0	1990	2016	(7,902.67)
136200	LGE	9999	0	1993	2016	(11,926.70)
136200	LGE	9999	0	1994	2016	(1,335.61)
136200	LGE	9999	0	1994	2017	(47,049.31)
136200	LGE	9999	0	1995	2017	(43,462.71)
136200	LGE	9999	0	1997	2016	(17,472.70)
136200	LGE	9999	0	1997	2017	(3,400.74)
136200	LGE	9999	0	1998	2016	(426.55)
136200	LGE	9999	0	2001	2016	(6,523.41)
136200	LGE	9999	0	2002	2017	(9,347.50)
136200	LGE	9999	0	2004	2016	(9,312.59)
136200	LGE	9999	0	2004	2017	(1,994.83)
136200	LGE	9999	0	2005	2017	(2,588.61)
136200	LGE	9999	0	2006	2016	(7,408.49)
136200	LGE	9999	0	2006	2017	(6,599.46)
136200	LGE	9999	0	2009	2016	(12,487.45)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136200	LGE	9999	0	2010	2017	(9,014.64)
136200	LGE	9999	0	2011	2016	(6,232.23)
136200	LGE	9999	0	2011	2017	(90,038.37)
136200	LGE	9999	0	2012	2016	(54,470.77)
136200	LGE	9999	0	2012	2017	(166,099.15)
136200	LGE	9999	0	2013	2017	(6,864.43)
136200	LGE	9999	0	2014	2016	(1,127.25)
136200	LGE	9999	0	2016	2017	(62,940.23)
136200	LGE	9999	6	1959	2016	(309,281.22)
136200	LGE	9999	6	2000	2016	(9,266.68)
136200	LGE	9999	6	2002	2016	(4,386.16)
136200	LGE	9999	6	2003	2016	(9,045.11)
136200	LGE	9999	6	2007	2016	(14,346.06)
136200	LGE	9999	6	2008	2016	(18,764.73)
136200	LGE	9999	6	2009	2016	(46,257.83)
136200	LGE	9999	6	2010	2016	14,808.80
136200	LGE	9999	6	2011	2016	56,955.63
136200	LGE	9999	6	2012	2017	(984,659.32)
136200	LGE	9999	6	2013	2016	(10,218.24)
136200	LGE	9999	6	2013	2017	8,987.62
136200	LGE	9999	6	2014	2016	(30,473.30)
136200	LGE	9999	6	2015	2016	49,990.76
136200	LGE	9999	6	2016	2016	(6,457.34)
136200	LGE	9999	6	2016	2017	1,598.50
136200	LGE	9999	7	2015	2016	(1,664,368.32)
136200	LGE	9999	7	2015	2017	(533,203.56)
136200	LGE	9999	7	2016	2016	1,881,982.37
136200	LGE	9999	7	2016	2017	(1,777,095.24)
136200	LGE	9999	7	2017	2017	3,704,234.47
136200	LGE	9999	9	2014	2016	88.45
136200	LGE	9999	9	2015	2016	915,827.28
136200	LGE	9999	9	2015	2017	34,825.06
136200	LGE	9999	9	2016	2016	933,050.17
136200	LGE	9999	9	2016	2017	6,474,729.58
136200	LGE	9999	9	2017	2017	1,543,502.37
136400	LGE	9999	0	1934	2016	(14,322.56)
136400	LGE	9999	0	1934	2016	(39,764.75)
136400	LGE	9999	0	1934	2017	(42,496.28)
136400	LGE	9999	0	1934	2017	(72,225.65)
136400	LGE	9999	0	1942	2016	(737.96)
136400	LGE	9999	0	1942	2017	(1,881.11)
136400	LGE	9999	0	1947	2016	(3,926.46)
136400	LGE	9999	0	1947	2017	(3,568.57)
136400	LGE	9999	0	1953	2016	(14,322.56)
136400	LGE	9999	0	1953	2017	(42,496.28)
136400	LGE	9999	0	1953	2016	14,322.56
136400	LGE	9999	0	1953	2017	42,496.28
136400	LGE	9999	0	1957	2016	(39,764.75)
136400	LGE	9999	0	1957	2017	(72,225.65)
136400	LGE	9999	0	1957	2016	39,764.75
136400	LGE	9999	0	1957	2017	72,225.65
136400	LGE	9999	0	1963	2016	(12,073.61)
136400	LGE	9999	0	1963	2017	(11,169.71)
136400	LGE	9999	0	1965	2016	(12,567.64)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136400	LGE	9999	0	1965	2017	(3,671.19)
136400	LGE	9999	0	1966	2016	(21,155.45)
136400	LGE	9999	0	1966	2017	(3,309.31)
136400	LGE	9999	0	1967	2016	(37,829.33)
136400	LGE	9999	0	1967	2017	(13,389.47)
136400	LGE	9999	0	1968	2016	(17,698.44)
136400	LGE	9999	0	1968	2017	(46,551.20)
136400	LGE	9999	0	1969	2016	(12,107.65)
136400	LGE	9999	0	1969	2017	(34,477.31)
136400	LGE	9999	0	1970	2016	(10,310.04)
136400	LGE	9999	0	1970	2017	(11,263.15)
136400	LGE	9999	0	1971	2016	(11,002.60)
136400	LGE	9999	0	1971	2017	(12,149.00)
136400	LGE	9999	0	1972	2016	(11,229.72)
136400	LGE	9999	0	1972	2017	(11,797.57)
136400	LGE	9999	0	1973	2016	(12,444.20)
136400	LGE	9999	0	1973	2017	(13,778.59)
136400	LGE	9999	0	1974	2016	(11,455.88)
136400	LGE	9999	0	1974	2017	(11,964.70)
136400	LGE	9999	0	1975	2016	(14,620.58)
136400	LGE	9999	0	1975	2017	(11,117.01)
136400	LGE	9999	0	1976	2016	(17,470.62)
136400	LGE	9999	0	1976	2017	(10,965.13)
136400	LGE	9999	0	1977	2016	(18,327.07)
136400	LGE	9999	0	1977	2017	(10,524.50)
136400	LGE	9999	0	1978	2016	(12,368.37)
136400	LGE	9999	0	1978	2017	(17,523.41)
136400	LGE	9999	0	1979	2016	(17,601.21)
136400	LGE	9999	0	1979	2017	(16,813.05)
136400	LGE	9999	0	1980	2016	(19,793.59)
136400	LGE	9999	0	1980	2017	(23,051.42)
136400	LGE	9999	0	1981	2016	(17,500.28)
136400	LGE	9999	0	1981	2017	(28,001.44)
136400	LGE	9999	0	1982	2016	(16,464.19)
136400	LGE	9999	0	1982	2017	(21,279.50)
136400	LGE	9999	0	1983	2016	(19,417.08)
136400	LGE	9999	0	1983	2017	(25,729.07)
136400	LGE	9999	0	1984	2016	(16,530.40)
136400	LGE	9999	0	1984	2017	(16,859.16)
136400	LGE	9999	0	1985	2016	(19,762.35)
136400	LGE	9999	0	1985	2017	(16,850.37)
136400	LGE	9999	0	1986	2016	(16,038.29)
136400	LGE	9999	0	1986	2017	(15,063.63)
136400	LGE	9999	0	1987	2016	(19,171.44)
136400	LGE	9999	0	1987	2017	(27,649.42)
136400	LGE	9999	0	1988	2016	(25,043.81)
136400	LGE	9999	0	1988	2017	(15,494.11)
136400	LGE	9999	0	1989	2016	(9,806.89)
136400	LGE	9999	0	1989	2017	(15,084.54)
136400	LGE	9999	0	1990	2016	(57,653.27)
136400	LGE	9999	0	1990	2017	(23,057.04)
136400	LGE	9999	0	1991	2016	(58,899.67)
136400	LGE	9999	0	1991	2017	(18,664.34)
136400	LGE	9999	0	1992	2016	(66,494.68)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136400	LGE	9999	0	1992	2017	(12,450.93)
136400	LGE	9999	0	1993	2016	(115,364.74)
136400	LGE	9999	0	1993	2017	(20,960.51)
136400	LGE	9999	0	1994	2016	(76,704.62)
136400	LGE	9999	0	1994	2017	(90,729.51)
136400	LGE	9999	0	1995	2016	(57,711.12)
136400	LGE	9999	0	1995	2017	(117,248.54)
136400	LGE	9999	0	1996	2016	(65,458.31)
136400	LGE	9999	0	1996	2017	(158,304.24)
136400	LGE	9999	0	1997	2016	(58,792.28)
136400	LGE	9999	0	1997	2017	(168,308.54)
136400	LGE	9999	0	1998	2016	(59,089.49)
136400	LGE	9999	0	1998	2017	(183,722.88)
136400	LGE	9999	0	1999	2016	(10,778.85)
136400	LGE	9999	0	1999	2017	(35,427.00)
136400	LGE	9999	0	2000	2016	(31,516.51)
136400	LGE	9999	0	2000	2017	(109,746.19)
136400	LGE	9999	0	2001	2016	(67,193.28)
136400	LGE	9999	0	2001	2017	(266,670.02)
136400	LGE	9999	0	2002	2016	(74,806.07)
136400	LGE	9999	0	2002	2017	(292,674.89)
136400	LGE	9999	0	2003	2016	(41,164.46)
136400	LGE	9999	0	2003	2017	(163,276.69)
136400	LGE	9999	0	2004	2016	(23,618.61)
136400	LGE	9999	0	2004	2017	(83,724.78)
136400	LGE	9999	0	2005	2016	(15,745.81)
136400	LGE	9999	0	2005	2017	(62,963.24)
136400	LGE	9999	0	2006	2016	(2,866.45)
136400	LGE	9999	0	2006	2017	(8,034.90)
136400	LGE	9999	0	2007	2016	(4,202.31)
136400	LGE	9999	0	2007	2017	(19,610.77)
136400	LGE	9999	0	2008	2016	(5,587.58)
136400	LGE	9999	0	2008	2017	(27,810.93)
136400	LGE	9999	0	2009	2016	(37,339.12)
136400	LGE	9999	0	2009	2017	(156,753.77)
136400	LGE	9999	0	2010	2016	(7,216.24)
136400	LGE	9999	0	2010	2017	(54,743.72)
136400	LGE	9999	0	2011	2016	(2,593.38)
136400	LGE	9999	0	2011	2017	(36,851.85)
136400	LGE	9999	0	2012	2017	(26,923.14)
136400	LGE	9999	0	2013	2017	(2,681.16)
136400	LGE	9999	0	2014	2017	(74,497.94)
136400	LGE	9999	0	2015	2016	(8,239.48)
136400	LGE	9999	0	2015	2017	(95,640.10)
136400	LGE	9999	0	2016	2017	(15,913.25)
136400	LGE	9999	7	2012	2016	276.54
136400	LGE	9999	7	2013	2016	(206,555.70)
136400	LGE	9999	7	2013	2017	(1,226.28)
136400	LGE	9999	7	2014	2016	(1,673,525.11)
136400	LGE	9999	7	2014	2017	821,951.04
136400	LGE	9999	7	2015	2016	(4,146,040.82)
136400	LGE	9999	7	2015	2017	681,587.21
136400	LGE	9999	7	2016	2016	12,300,592.05
136400	LGE	9999	7	2016	2017	(12,904,350.70)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136400	LGE	9999	7	2017	2017	8,365,241.90
136400	LGE	9999	9	2012	2016	(2,553.19)
136400	LGE	9999	9	2013	2016	(17,504.23)
136400	LGE	9999	9	2014	2016	679,932.20
136400	LGE	9999	9	2014	2017	1,210,119.56
136400	LGE	9999	9	2015	2016	6,201,563.98
136400	LGE	9999	9	2015	2017	3,698,837.87
136400	LGE	9999	9	2016	2016	2,364,662.82
136400	LGE	9999	9	2016	2017	6,075,513.87
136400	LGE	9999	9	2017	2017	1,209,229.59
136500	LGE	9999	0	1934	2016	(450.13)
136500	LGE	9999	0	1934	2017	(2,702.45)
136500	LGE	9999	0	1935	2016	(2,437.24)
136500	LGE	9999	0	1935	2017	(4,165.07)
136500	LGE	9999	0	1942	2016	(1,337.57)
136500	LGE	9999	0	1942	2017	(1,764.72)
136500	LGE	9999	0	1947	2016	(11,783.48)
136500	LGE	9999	0	1947	2017	(12,108.76)
136500	LGE	9999	0	1953	2016	(11,527.87)
136500	LGE	9999	0	1953	2017	(12,099.31)
136500	LGE	9999	0	1957	2016	(17,334.36)
136500	LGE	9999	0	1957	2017	(19,932.55)
136500	LGE	9999	0	1963	2016	(4,493.54)
136500	LGE	9999	0	1963	2017	(6,296.56)
136500	LGE	9999	0	1965	2016	(2,366.96)
136500	LGE	9999	0	1965	2017	(2,193.04)
136500	LGE	9999	0	1966	2016	(1,845.05)
136500	LGE	9999	0	1966	2017	(1,701.97)
136500	LGE	9999	0	1967	2016	(2,107.48)
136500	LGE	9999	0	1967	2017	(2,177.32)
136500	LGE	9999	0	1968	2016	(3,327.36)
136500	LGE	9999	0	1968	2017	(2,790.81)
136500	LGE	9999	0	1969	2016	(4,765.37)
136500	LGE	9999	0	1969	2017	(11,546.69)
136500	LGE	9999	0	1970	2016	(5,342.12)
136500	LGE	9999	0	1970	2017	(3,536.47)
136500	LGE	9999	0	1971	2016	(11,563.33)
136500	LGE	9999	0	1971	2017	(6,602.36)
136500	LGE	9999	0	1972	2016	(10,384.73)
136500	LGE	9999	0	1972	2017	(6,406.96)
136500	LGE	9999	0	1973	2016	(6,811.06)
136500	LGE	9999	0	1973	2017	(6,239.41)
136500	LGE	9999	0	1974	2016	(9,479.32)
136500	LGE	9999	0	1974	2017	(6,884.64)
136500	LGE	9999	0	1975	2016	(14,129.38)
136500	LGE	9999	0	1975	2017	(9,638.32)
136500	LGE	9999	0	1976	2016	(22,786.58)
136500	LGE	9999	0	1976	2017	(10,734.37)
136500	LGE	9999	0	1977	2016	(27,587.81)
136500	LGE	9999	0	1977	2017	(11,365.03)
136500	LGE	9999	0	1978	2016	(37,544.92)
136500	LGE	9999	0	1978	2017	(17,327.48)
136500	LGE	9999	0	1979	2016	(37,446.61)
136500	LGE	9999	0	1979	2017	(19,953.09)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136500	LGE	9999	0	1980	2016	(31,478.01)
136500	LGE	9999	0	1980	2017	(17,710.26)
136500	LGE	9999	0	1981	2016	(24,730.67)
136500	LGE	9999	0	1981	2017	(14,226.65)
136500	LGE	9999	0	1982	2016	(28,563.61)
136500	LGE	9999	0	1982	2017	(18,817.88)
136500	LGE	9999	0	1983	2016	(31,897.75)
136500	LGE	9999	0	1983	2017	(35,400.69)
136500	LGE	9999	0	1984	2016	(22,592.76)
136500	LGE	9999	0	1984	2017	(24,460.33)
136500	LGE	9999	0	1985	2016	(20,308.25)
136500	LGE	9999	0	1985	2017	(15,220.71)
136500	LGE	9999	0	1986	2016	(25,482.05)
136500	LGE	9999	0	1986	2017	(16,876.95)
136500	LGE	9999	0	1987	2016	(18,496.51)
136500	LGE	9999	0	1987	2017	(13,049.22)
136500	LGE	9999	0	1988	2016	(26,070.86)
136500	LGE	9999	0	1988	2017	(13,325.07)
136500	LGE	9999	0	1989	2016	(24,722.10)
136500	LGE	9999	0	1989	2017	(12,473.03)
136500	LGE	9999	0	1990	2016	(28,402.58)
136500	LGE	9999	0	1990	2017	(16,021.17)
136500	LGE	9999	0	1991	2016	(30,007.03)
136500	LGE	9999	0	1991	2017	(21,300.24)
136500	LGE	9999	0	1992	2016	(37,772.09)
136500	LGE	9999	0	1992	2017	(19,265.51)
136500	LGE	9999	0	1993	2016	(33,430.72)
136500	LGE	9999	0	1993	2017	(24,753.61)
136500	LGE	9999	0	1994	2016	(18,210.46)
136500	LGE	9999	0	1994	2017	(10,881.42)
136500	LGE	9999	0	1995	2016	(41,323.92)
136500	LGE	9999	0	1995	2017	(16,558.14)
136500	LGE	9999	0	1996	2016	(14,226.09)
136500	LGE	9999	0	1996	2017	(9,233.36)
136500	LGE	9999	0	1997	2016	(19,049.63)
136500	LGE	9999	0	1997	2017	(12,526.72)
136500	LGE	9999	0	1998	2016	(10,840.00)
136500	LGE	9999	0	1998	2017	(10,357.26)
136500	LGE	9999	0	1999	2016	(12,211.32)
136500	LGE	9999	0	1999	2017	(52,367.23)
136500	LGE	9999	0	2000	2016	(52,029.43)
136500	LGE	9999	0	2000	2017	(94,552.72)
136500	LGE	9999	0	2001	2016	(62,773.73)
136500	LGE	9999	0	2001	2017	(151,393.44)
136500	LGE	9999	0	2002	2016	(40,930.41)
136500	LGE	9999	0	2002	2017	(190,395.88)
136500	LGE	9999	0	2003	2016	(40,088.88)
136500	LGE	9999	0	2003	2017	(472,834.44)
136500	LGE	9999	0	2004	2016	(80,303.75)
136500	LGE	9999	0	2004	2017	(116,382.74)
136500	LGE	9999	0	2005	2016	(82,661.78)
136500	LGE	9999	0	2005	2017	(113,593.77)
136500	LGE	9999	0	2006	2016	(8,037.43)
136500	LGE	9999	0	2006	2017	(21,173.23)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136500	LGE	9999	0	2007	2016	(1,780.55)
136500	LGE	9999	0	2007	2017	(4,091.14)
136500	LGE	9999	0	2008	2016	(61,791.55)
136500	LGE	9999	0	2008	2017	(12,604.42)
136500	LGE	9999	0	2009	2016	(283,220.06)
136500	LGE	9999	0	2009	2017	(154,273.32)
136500	LGE	9999	0	2010	2016	(216,308.82)
136500	LGE	9999	0	2010	2017	(86,961.78)
136500	LGE	9999	0	2011	2016	(73,422.16)
136500	LGE	9999	0	2011	2017	(28,540.60)
136500	LGE	9999	0	2012	2016	(156,306.29)
136500	LGE	9999	0	2012	2017	(160,456.06)
136500	LGE	9999	0	2013	2016	(4,471.40)
136500	LGE	9999	0	2013	2017	(14,472.45)
136500	LGE	9999	0	2014	2016	(291,122.20)
136500	LGE	9999	0	2014	2017	(62,346.63)
136500	LGE	9999	0	2015	2016	(63,067.15)
136500	LGE	9999	0	2015	2017	(540,318.32)
136500	LGE	9999	0	2016	2016	(8,806.21)
136500	LGE	9999	0	2016	2017	(15,192.18)
136500	LGE	9999	0	2017	2017	(9,453.65)
136500	LGE	9999	6	2016	2016	(0.00)
136500	LGE	9999	6	2016	2017	(1,598.50)
136500	LGE	9999	7	2012	2016	611.63
136500	LGE	9999	7	2013	2016	(2,602.59)
136500	LGE	9999	7	2013	2017	(3,324.22)
136500	LGE	9999	7	2014	2016	1,121,273.84
136500	LGE	9999	7	2014	2017	(1,230,212.07)
136500	LGE	9999	7	2015	2016	(2,668,958.82)
136500	LGE	9999	7	2015	2017	(662,078.82)
136500	LGE	9999	7	2016	2016	7,031,116.84
136500	LGE	9999	7	2016	2017	(6,593,990.01)
136500	LGE	9999	7	2017	2017	13,578,099.62
136500	LGE	9999	9	2013	2016	(41,944.94)
136500	LGE	9999	9	2014	2016	4,306,526.02
136500	LGE	9999	9	2014	2017	1,055,684.86
136500	LGE	9999	9	2015	2016	7,752,007.50
136500	LGE	9999	9	2015	2017	3,419,934.91
136500	LGE	9999	9	2016	2016	2,423,025.53
136500	LGE	9999	9	2016	2017	2,588,534.21
136500	LGE	9999	9	2017	2017	4,301,195.92
136600	LGE	9999	0	1915	2016	(126,382.32)
136600	LGE	9999	0	1915	2016	(7,649.83)
136600	LGE	9999	0	1915	2017	(1,563.75)
136600	LGE	9999	0	1925	2017	(300,513.18)
136600	LGE	9999	0	1934	2016	(126,382.32)
136600	LGE	9999	0	1934	2017	(300,513.18)
136600	LGE	9999	0	1934	2016	126,382.32
136600	LGE	9999	0	1934	2017	300,513.18
136600	LGE	9999	0	1935	2016	(7,649.83)
136600	LGE	9999	0	1935	2017	(1,563.75)
136600	LGE	9999	0	1935	2016	7,649.83
136600	LGE	9999	0	1935	2017	1,563.75
136600	LGE	9999	0	1938	2016	(7,097.08)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136600	LGE	9999	0	1938	2017	(11,392.13)
136600	LGE	9999	0	1940	2016	(12,596.86)
136600	LGE	9999	0	1940	2017	(5,651.03)
136600	LGE	9999	0	1941	2016	(560.39)
136600	LGE	9999	0	1942	2016	(4,020.32)
136600	LGE	9999	0	1947	2016	(9,778.39)
136600	LGE	9999	0	1949	2016	(1,428.90)
136600	LGE	9999	0	1949	2017	(16,530.46)
136600	LGE	9999	0	1951	2016	(1,717.23)
136600	LGE	9999	0	1951	2017	(33,592.80)
136600	LGE	9999	0	1952	2017	(5,166.57)
136600	LGE	9999	0	1953	2017	(31,733.43)
136600	LGE	9999	0	1957	2016	(2,154.13)
136600	LGE	9999	0	1963	2016	(1,848.44)
136600	LGE	9999	0	1964	2016	(707.02)
136600	LGE	9999	0	1965	2016	(1,435.28)
136600	LGE	9999	0	1966	2016	(2,297.49)
136600	LGE	9999	0	1967	2016	(1,247.50)
136600	LGE	9999	0	1968	2016	(632.72)
136600	LGE	9999	0	1968	2017	(455.02)
136600	LGE	9999	0	1969	2016	(762.82)
136600	LGE	9999	0	1969	2017	(155.92)
136600	LGE	9999	0	1970	2016	(692.83)
136600	LGE	9999	0	1970	2017	(373.88)
136600	LGE	9999	0	1971	2016	(674.94)
136600	LGE	9999	0	1971	2017	(162.67)
136600	LGE	9999	0	1972	2016	(1,189.80)
136600	LGE	9999	0	1972	2017	(40.63)
136600	LGE	9999	0	1973	2016	(1,369.39)
136600	LGE	9999	0	1973	2017	(522.61)
136600	LGE	9999	0	1974	2016	(815.94)
136600	LGE	9999	0	1975	2016	(685.83)
136600	LGE	9999	0	1975	2017	(66.77)
136600	LGE	9999	0	1976	2016	(256.19)
136600	LGE	9999	0	1977	2016	(362.38)
136600	LGE	9999	0	1977	2017	(24.20)
136600	LGE	9999	0	1978	2016	(108.80)
136600	LGE	9999	0	1979	2017	(160.50)
136600	LGE	9999	0	1980	2017	(26.09)
136600	LGE	9999	6	1985	2016	0.00
136600	LGE	9999	6	2006	2016	0.00
136600	LGE	9999	6	2007	2016	0.00
136600	LGE	9999	6	2008	2016	0.00
136600	LGE	9999	6	2010	2016	578,380.64
136600	LGE	9999	7	2008	2016	(211.37)
136600	LGE	9999	7	2009	2016	(1,013.68)
136600	LGE	9999	7	2011	2016	(740.44)
136600	LGE	9999	7	2012	2016	2,004.95
136600	LGE	9999	7	2014	2016	(6,495,909.50)
136600	LGE	9999	7	2014	2017	226,864.82
136600	LGE	9999	7	2015	2016	(112,589.65)
136600	LGE	9999	7	2015	2017	58,127.87
136600	LGE	9999	7	2016	2016	349,027.35
136600	LGE	9999	7	2016	2017	(178,517.58)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136600	LGE	9999	7	2017	2017	30,004.61
136600	LGE	9999	9	2014	2016	(58,734.41)
136600	LGE	9999	9	2014	2017	8,288.46
136600	LGE	9999	9	2015	2016	2,370,072.16
136600	LGE	9999	9	2015	2017	412,985.77
136600	LGE	9999	9	2016	2016	150,649.80
136600	LGE	9999	9	2016	2017	1,223,437.55
136600	LGE	9999	9	2017	2017	2,901,628.64
136700	LGE	9999	0	1947	2016	(32,029.84)
136700	LGE	9999	0	1947	2017	(37,375.37)
136700	LGE	9999	0	1947	2016	32,029.84
136700	LGE	9999	0	1947	2017	37,375.37
136700	LGE	9999	0	1953	2016	(16,684.68)
136700	LGE	9999	0	1953	2017	(48,359.11)
136700	LGE	9999	0	1953	2016	(32,029.84)
136700	LGE	9999	0	1953	2017	(37,375.37)
136700	LGE	9999	0	1957	2016	(67,610.67)
136700	LGE	9999	0	1957	2017	(54,595.26)
136700	LGE	9999	0	1963	2016	(11,109.42)
136700	LGE	9999	0	1963	2017	(3,787.99)
136700	LGE	9999	0	1964	2016	(10,149.39)
136700	LGE	9999	0	1964	2017	(3,588.06)
136700	LGE	9999	0	1965	2016	(16,840.74)
136700	LGE	9999	0	1965	2017	(6,901.45)
136700	LGE	9999	0	1966	2016	(12,218.28)
136700	LGE	9999	0	1966	2017	(8,927.99)
136700	LGE	9999	0	1967	2016	(24,634.35)
136700	LGE	9999	0	1967	2017	(19,138.74)
136700	LGE	9999	0	1968	2016	(18,408.61)
136700	LGE	9999	0	1968	2017	(17,494.59)
136700	LGE	9999	0	1969	2016	(9,892.95)
136700	LGE	9999	0	1969	2017	(10,595.36)
136700	LGE	9999	0	1970	2016	(36,477.24)
136700	LGE	9999	0	1970	2017	(16,513.56)
136700	LGE	9999	0	1971	2016	(66,128.38)
136700	LGE	9999	0	1971	2017	(33,374.69)
136700	LGE	9999	0	1972	2016	(20,155.20)
136700	LGE	9999	0	1972	2017	(24,198.15)
136700	LGE	9999	0	1973	2016	(29,181.12)
136700	LGE	9999	0	1973	2017	(32,659.34)
136700	LGE	9999	0	1974	2016	(16,049.91)
136700	LGE	9999	0	1974	2017	(13,991.06)
136700	LGE	9999	0	1975	2016	(22,696.41)
136700	LGE	9999	0	1975	2017	(30,287.29)
136700	LGE	9999	0	1976	2016	(24,056.05)
136700	LGE	9999	0	1976	2017	(35,147.97)
136700	LGE	9999	0	1977	2016	(21,319.34)
136700	LGE	9999	0	1977	2017	(58,484.24)
136700	LGE	9999	0	1978	2016	(20,124.25)
136700	LGE	9999	0	1978	2017	(64,561.48)
136700	LGE	9999	0	1979	2016	(63,661.66)
136700	LGE	9999	0	1979	2017	(108,468.21)
136700	LGE	9999	0	1980	2016	(19,197.22)
136700	LGE	9999	0	1980	2017	(64,499.45)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136700	LGE	9999	0	1981	2016	(25,416.62)
136700	LGE	9999	0	1981	2017	(73,087.83)
136700	LGE	9999	0	1982	2016	(13,419.40)
136700	LGE	9999	0	1982	2017	(53,549.24)
136700	LGE	9999	0	1983	2016	(18,620.18)
136700	LGE	9999	0	1983	2017	(37,557.86)
136700	LGE	9999	0	1984	2016	(14,304.40)
136700	LGE	9999	0	1984	2017	(28,271.63)
136700	LGE	9999	0	1985	2016	(8,313.44)
136700	LGE	9999	0	1985	2017	(39,589.95)
136700	LGE	9999	0	1986	2016	(18,614.50)
136700	LGE	9999	0	1986	2017	(36,805.77)
136700	LGE	9999	0	1987	2016	(15,869.30)
136700	LGE	9999	0	1987	2017	(40,404.35)
136700	LGE	9999	0	1988	2016	(16,769.41)
136700	LGE	9999	0	1988	2017	(29,747.59)
136700	LGE	9999	0	1989	2016	(104,930.39)
136700	LGE	9999	0	1989	2017	(49,183.88)
136700	LGE	9999	0	1990	2016	(18,187.01)
136700	LGE	9999	0	1990	2017	(47,620.70)
136700	LGE	9999	0	1991	2016	(24,302.99)
136700	LGE	9999	0	1991	2017	(55,022.41)
136700	LGE	9999	0	1992	2016	(4,540.38)
136700	LGE	9999	0	1992	2017	(15,338.27)
136700	LGE	9999	0	1993	2016	(27,605.84)
136700	LGE	9999	0	1993	2017	(27,384.70)
136700	LGE	9999	0	1994	2016	(14,288.27)
136700	LGE	9999	0	1994	2017	(12,806.45)
136700	LGE	9999	0	1995	2016	(16,640.12)
136700	LGE	9999	0	1995	2017	(18,866.67)
136700	LGE	9999	0	1996	2016	(10,629.84)
136700	LGE	9999	0	1996	2017	(8,114.80)
136700	LGE	9999	0	1997	2016	(5,733.75)
136700	LGE	9999	0	1997	2017	(17,996.57)
136700	LGE	9999	0	1998	2016	(32,104.39)
136700	LGE	9999	0	1998	2017	(11,259.98)
136700	LGE	9999	0	1999	2016	(1,482.27)
136700	LGE	9999	0	1999	2017	(9,194.40)
136700	LGE	9999	0	2000	2016	(12,523.49)
136700	LGE	9999	0	2000	2017	(41,335.85)
136700	LGE	9999	0	2001	2016	(17,167.73)
136700	LGE	9999	0	2001	2017	(2,224.19)
136700	LGE	9999	0	2002	2016	(24,164.54)
136700	LGE	9999	0	2002	2017	(1,856.06)
136700	LGE	9999	0	2003	2016	(598.83)
136700	LGE	9999	0	2003	2017	(1,287.36)
136700	LGE	9999	0	2004	2016	(56,987.19)
136700	LGE	9999	0	2004	2017	(2,691.17)
136700	LGE	9999	0	2005	2016	(6,848.27)
136700	LGE	9999	0	2005	2017	(23,455.72)
136700	LGE	9999	0	2006	2017	(1,124.16)
136700	LGE	9999	0	2008	2016	(5,432.82)
136700	LGE	9999	0	2008	2017	(34,897.71)
136700	LGE	9999	0	2009	2016	(7,684.58)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136700	LGE	9999	0	2009	2017	(19,880.11)
136700	LGE	9999	0	2010	2016	(82,933.74)
136700	LGE	9999	0	2010	2017	(24,336.02)
136700	LGE	9999	0	2011	2016	(26,417.35)
136700	LGE	9999	0	2011	2017	(2,182.49)
136700	LGE	9999	0	2012	2016	(32,868.44)
136700	LGE	9999	0	2012	2017	(1,173.94)
136700	LGE	9999	0	2013	2016	(1,015.42)
136700	LGE	9999	0	2013	2017	(378.59)
136700	LGE	9999	0	2014	2016	(26,593.97)
136700	LGE	9999	0	2014	2017	(73,059.27)
136700	LGE	9999	0	2015	2016	(9,543.22)
136700	LGE	9999	0	2015	2017	(45,261.38)
136700	LGE	9999	0	2016	2016	(686.66)
136700	LGE	9999	0	2016	2017	(542.49)
136700	LGE	9999	7	2008	2016	(211.34)
136700	LGE	9999	7	2011	2016	(108.43)
136700	LGE	9999	7	2012	2016	2,238.10
136700	LGE	9999	7	2012	2017	(1,918.33)
136700	LGE	9999	7	2013	2017	(177,678.34)
136700	LGE	9999	7	2014	2016	(8,332,828.48)
136700	LGE	9999	7	2014	2017	1,469,292.46
136700	LGE	9999	7	2015	2016	948,421.70
136700	LGE	9999	7	2015	2017	(2,614,764.98)
136700	LGE	9999	7	2016	2016	16,137,282.83
136700	LGE	9999	7	2016	2017	(16,086,492.03)
136700	LGE	9999	7	2017	2017	17,825,836.82
136700	LGE	9999	9	1977	2016	(540.19)
136700	LGE	9999	9	1977	2017	(28.58)
136700	LGE	9999	9	2014	2016	7,367,661.46
136700	LGE	9999	9	2014	2017	7,793,273.68
136700	LGE	9999	9	2015	2016	6,911,850.12
136700	LGE	9999	9	2015	2017	4,244,141.61
136700	LGE	9999	9	2016	2016	1,466,840.91
136700	LGE	9999	9	2016	2017	11,019,431.84
136700	LGE	9999	9	2017	2017	5,416,949.45
136800	LGE	9999	0	1966	2016	(52,152.94)
136800	LGE	9999	0	1966	2017	(194,493.67)
136800	LGE	9999	0	1966	2016	52,152.94
136800	LGE	9999	0	1966	2017	194,493.67
136800	LGE	9999	0	1967	2016	(23,342.13)
136800	LGE	9999	0	1967	2017	(85,519.06)
136800	LGE	9999	0	1967	2016	23,342.13
136800	LGE	9999	0	1967	2017	85,519.06
136800	LGE	9999	0	1968	2016	(28,339.16)
136800	LGE	9999	0	1968	2017	(48,271.43)
136800	LGE	9999	0	1968	2016	(52,152.94)
136800	LGE	9999	0	1968	2016	(23,342.13)
136800	LGE	9999	0	1968	2017	(194,493.67)
136800	LGE	9999	0	1968	2017	(85,519.06)
136800	LGE	9999	0	1969	2016	(17,332.50)
136800	LGE	9999	0	1969	2017	(69,053.00)
136800	LGE	9999	0	1970	2016	(1,194.03)
136800	LGE	9999	0	1970	2017	(58,916.63)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136800	LGE	9999	0	1971	2016	(32,240.95)
136800	LGE	9999	0	1971	2017	(48,387.49)
136800	LGE	9999	0	1972	2016	(40,687.97)
136800	LGE	9999	0	1972	2017	(60,618.10)
136800	LGE	9999	0	1973	2016	(39,739.59)
136800	LGE	9999	0	1973	2017	(59,141.03)
136800	LGE	9999	0	1974	2016	(53,671.04)
136800	LGE	9999	0	1974	2017	(85,396.41)
136800	LGE	9999	0	1975	2016	(1,856.74)
136800	LGE	9999	0	1975	2017	(54,916.01)
136800	LGE	9999	0	1976	2016	(2,039.32)
136800	LGE	9999	0	1976	2017	(56,462.96)
136800	LGE	9999	0	1977	2016	(316.01)
136800	LGE	9999	0	1977	2017	(69,998.46)
136800	LGE	9999	0	1978	2016	(33,667.47)
136800	LGE	9999	0	1978	2017	(51,013.29)
136800	LGE	9999	0	1979	2017	(59,533.27)
136800	LGE	9999	0	1980	2017	(4,611.23)
136800	LGE	9999	0	1981	2017	(63,139.42)
136800	LGE	9999	0	1988	2017	(99,386.56)
136800	LGE	9999	0	2000	2017	(938,985.84)
136800	LGE	9999	0	2001	2017	(334,235.83)
136800	LGE	9999	0	2002	2017	(85,535.22)
136800	LGE	9999	0	2005	2017	(10,127.18)
136800	LGE	9999	0	2006	2017	(2,728.29)
136800	LGE	9999	0	2007	2017	(28.81)
136800	LGE	9999	0	2008	2016	(1,945.11)
136800	LGE	9999	0	2008	2017	(59,899.96)
136800	LGE	9999	0	2009	2016	(1,428.09)
136800	LGE	9999	0	2009	2017	(133,273.20)
136800	LGE	9999	0	2010	2016	(1,376.34)
136800	LGE	9999	0	2010	2017	(51,799.66)
136800	LGE	9999	0	2011	2016	(2,953.25)
136800	LGE	9999	0	2011	2017	(40,160.09)
136800	LGE	9999	0	2012	2017	(11,099.29)
136800	LGE	9999	0	2013	2017	(6,264.41)
136800	LGE	9999	0	2014	2017	(51,252.27)
136800	LGE	9999	0	2015	2017	(36,277.63)
136800	LGE	9999	0	2016	2017	(21,628.10)
136800	LGE	9999	7	2008	2016	(188.67)
136800	LGE	9999	7	2009	2016	(1,013.68)
136800	LGE	9999	7	2011	2016	(31.63)
136800	LGE	9999	7	2012	2016	1,774.17
136800	LGE	9999	7	2014	2016	(728.73)
136800	LGE	9999	7	2015	2016	(968,268.03)
136800	LGE	9999	7	2015	2017	524,378.91
136800	LGE	9999	7	2016	2016	1,409,000.54
136800	LGE	9999	7	2016	2017	(1,409,000.54)
136800	LGE	9999	7	2017	2017	3,176,144.57
136800	LGE	9999	9	2015	2016	17,010.03
136800	LGE	9999	9	2015	2017	1,875.47
136800	LGE	9999	9	2016	2016	3,788,463.63
136800	LGE	9999	9	2016	2017	24,243.25
136800	LGE	9999	9	2017	2017	3,919,988.96



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
136910	LGE	9999	0	1934	2016	(26,404.25)
136910	LGE	9999	0	1934	2017	(15,300.09)
136910	LGE	9999	0	1934	2017	(890.67)
136910	LGE	9999	0	1934	2017	(8,467.88)
136910	LGE	9999	0	1935	2017	(15,300.09)
136910	LGE	9999	0	1935	2017	15,300.09
136910	LGE	9999	0	1942	2017	(3,174.80)
136910	LGE	9999	0	1942	2017	890.67
136910	LGE	9999	0	1947	2017	(9,687.35)
136910	LGE	9999	0	1947	2017	8,467.88
136910	LGE	9999	0	1953	2017	(9,140.41)
136910	LGE	9999	7	2008	2016	(188.67)
136910	LGE	9999	7	2009	2016	(1,013.68)
136910	LGE	9999	7	2011	2016	(184.42)
136910	LGE	9999	7	2012	2016	1,386.77
136910	LGE	9999	7	2013	2016	(327,108.42)
136910	LGE	9999	7	2014	2016	(2,470.36)
136910	LGE	9999	7	2015	2016	(190,567.76)
136910	LGE	9999	7	2015	2017	270,756.36
136910	LGE	9999	7	2016	2016	0.00
136910	LGE	9999	7	2017	2017	10,588.94
136910	LGE	9999	9	2014	2016	1,916,774.91
136910	LGE	9999	9	2014	2017	1,756,675.70
136910	LGE	9999	9	2016	2016	1,421.52
136920	LGE	9999	0	1900	2016	(9,925.76)
136920	LGE	9999	0	1900	2017	(30,977.39)
136920	LGE	9999	0	1905	2017	(10,314.77)
136920	LGE	9999	0	1957	2016	(9,925.76)
136920	LGE	9999	0	1957	2017	(41,292.16)
136920	LGE	9999	0	1957	2016	9,925.76
136920	LGE	9999	0	1957	2017	41,292.16
136920	LGE	9999	0	1963	2016	(22,647.27)
136920	LGE	9999	0	1968	2016	(7,432.30)
136920	LGE	9999	0	1970	2016	(15,987.54)
136920	LGE	9999	0	1974	2016	(17,288.72)
136920	LGE	9999	0	1978	2016	(3,991.31)
136920	LGE	9999	0	1979	2016	(4,001.94)
136920	LGE	9999	0	1980	2016	(4,043.00)
136920	LGE	9999	0	1981	2016	(3,738.63)
136920	LGE	9999	0	1982	2016	(3,811.83)
136920	LGE	9999	0	1983	2016	(3,888.95)
136920	LGE	9999	0	1984	2016	(3,612.80)
136920	LGE	9999	0	1985	2016	(2,937.41)
136920	LGE	9999	0	1986	2016	(2,725.34)
136920	LGE	9999	0	1987	2016	(2,129.38)
136920	LGE	9999	0	1988	2016	(1,542.46)
136920	LGE	9999	0	1989	2016	(1,349.21)
136920	LGE	9999	0	1990	2016	(1,386.07)
136920	LGE	9999	0	1991	2016	(319.11)
136920	LGE	9999	9	2014	2016	1,013,408.21
136920	LGE	9999	9	2014	2017	726,793.06
137000	LGE	9999	0	1972	2016	(4,886.79)
137000	LGE	9999	0	1972	2017	(119,694.83)
137000	LGE	9999	0	1972	2016	(120,230.81)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137000	LGE	9999	0	1973	2016	(7,490.62)
137000	LGE	9999	0	1973	2017	(188,346.72)
137000	LGE	9999	0	1974	2016	(926.06)
137000	LGE	9999	0	1974	2017	(10,984.06)
137000	LGE	9999	0	1975	2016	(652.60)
137000	LGE	9999	0	1975	2017	(9,190.71)
137000	LGE	9999	0	1976	2016	(2,789.00)
137000	LGE	9999	0	1976	2017	(57,852.90)
137000	LGE	9999	0	1977	2016	(3,779.36)
137000	LGE	9999	0	1977	2017	(76,002.73)
137000	LGE	9999	0	1978	2016	(3,834.41)
137000	LGE	9999	0	1978	2017	(86,100.14)
137000	LGE	9999	0	1979	2016	(3,971.54)
137000	LGE	9999	0	1979	2017	(87,710.02)
137000	LGE	9999	0	1980	2016	(3,647.10)
137000	LGE	9999	0	1980	2017	(79,877.75)
137000	LGE	9999	0	1981	2016	(3,524.52)
137000	LGE	9999	0	1981	2017	(85,516.34)
137000	LGE	9999	0	1982	2016	(3,833.59)
137000	LGE	9999	0	1982	2017	(89,616.05)
137000	LGE	9999	0	1983	2016	(2,830.26)
137000	LGE	9999	0	1983	2017	(63,759.47)
137000	LGE	9999	0	1984	2016	(2,997.28)
137000	LGE	9999	0	1984	2017	(74,333.66)
137000	LGE	9999	0	1985	2016	(2,335.97)
137000	LGE	9999	0	1985	2017	(76,665.77)
137000	LGE	9999	0	1986	2016	(7,669.66)
137000	LGE	9999	0	1986	2017	(268,332.44)
137000	LGE	9999	0	1987	2016	(8,631.27)
137000	LGE	9999	0	1987	2017	(271,440.45)
137000	LGE	9999	0	1988	2016	(8,513.22)
137000	LGE	9999	0	1988	2017	(251,075.66)
137000	LGE	9999	0	1989	2016	(6,533.45)
137000	LGE	9999	0	1989	2017	(243,024.92)
137000	LGE	9999	0	1990	2016	(2,042.67)
137000	LGE	9999	0	1990	2017	(47,544.33)
137000	LGE	9999	0	1991	2016	(2,963.14)
137000	LGE	9999	0	1991	2017	(65,124.58)
137000	LGE	9999	0	1992	2016	(2,651.34)
137000	LGE	9999	0	1992	2017	(85,866.96)
137000	LGE	9999	0	1993	2016	(3,251.25)
137000	LGE	9999	0	1993	2017	(89,603.28)
137000	LGE	9999	0	1994	2016	(1,515.93)
137000	LGE	9999	0	1994	2017	(58,486.49)
137000	LGE	9999	0	1995	2016	(3,977.49)
137000	LGE	9999	0	1995	2017	(117,774.29)
137000	LGE	9999	0	1996	2016	(1,697.42)
137000	LGE	9999	0	1996	2017	(44,735.84)
137000	LGE	9999	0	1997	2016	(1,903.59)
137000	LGE	9999	0	1997	2017	(63,653.62)
137000	LGE	9999	0	1998	2016	(514.54)
137000	LGE	9999	0	1998	2017	(17,180.32)
137000	LGE	9999	0	1999	2016	(444.03)
137000	LGE	9999	0	1999	2017	(11,100.79)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137000	LGE	9999	0	2000	2016	(75.21)
137000	LGE	9999	0	2000	2017	(2,087.37)
137000	LGE	9999	0	2001	2016	(1,204.12)
137000	LGE	9999	0	2001	2017	(62,659.09)
137000	LGE	9999	0	2002	2016	(1,661.03)
137000	LGE	9999	0	2002	2017	(80,811.37)
137000	LGE	9999	0	2003	2016	(670.45)
137000	LGE	9999	0	2003	2017	(33,342.59)
137000	LGE	9999	0	2004	2016	(560.38)
137000	LGE	9999	0	2004	2017	(23,333.88)
137000	LGE	9999	0	2005	2016	(683.89)
137000	LGE	9999	0	2005	2017	(20,542.60)
137000	LGE	9999	0	2006	2016	(328.01)
137000	LGE	9999	0	2006	2017	(8,454.24)
137000	LGE	9999	0	2007	2016	(126,608.47)
137000	LGE	9999	0	2007	2016	120,230.81
137000	LGE	9999	0	2008	2017	(2,668.01)
137000	LGE	9999	0	2009	2016	(290,251.27)
137000	LGE	9999	0	2009	2017	(58,422.08)
137000	LGE	9999	0	2010	2016	(451.27)
137000	LGE	9999	0	2010	2017	(32,928.59)
137000	LGE	9999	0	2011	2017	(13,510.74)
137000	LGE	9999	0	2012	2017	(10,664.02)
137000	LGE	9999	0	2014	2016	(906.46)
137000	LGE	9999	0	2014	2017	(11,681.35)
137000	LGE	9999	0	2017	2017	(1,900.74)
137000	LGE	9999	6	1972	2017	(12,763.26)
137000	LGE	9999	6	1973	2017	(34,518.19)
137000	LGE	9999	6	1974	2017	(35,550.17)
137000	LGE	9999	6	1975	2017	(28,931.78)
137000	LGE	9999	6	1976	2017	(28,477.57)
137000	LGE	9999	6	1977	2017	(35,212.00)
137000	LGE	9999	6	1978	2017	(32,726.64)
137000	LGE	9999	6	1979	2017	(42,686.01)
137000	LGE	9999	6	1980	2017	(44,007.54)
137000	LGE	9999	6	1981	2017	(50,842.71)
137000	LGE	9999	6	1982	2017	(44,209.64)
137000	LGE	9999	6	1983	2017	(73,645.62)
137000	LGE	9999	6	1984	2017	(121,367.81)
137000	LGE	9999	6	1985	2017	(118,038.04)
137000	LGE	9999	6	1986	2017	(321,029.65)
137000	LGE	9999	6	1987	2017	(301,944.46)
137000	LGE	9999	6	1988	2017	(299,704.82)
137000	LGE	9999	6	1989	2017	(219,782.30)
137000	LGE	9999	6	1990	2017	(344,243.94)
137000	LGE	9999	6	1991	2017	(283,601.28)
137000	LGE	9999	6	1992	2017	(311,803.43)
137000	LGE	9999	6	1993	2017	(264,915.68)
137000	LGE	9999	6	1994	2017	(62,965.52)
137000	LGE	9999	6	1995	2017	(436,598.93)
137000	LGE	9999	6	1996	2017	(149,223.78)
137000	LGE	9999	6	1997	2017	(239,928.91)
137000	LGE	9999	6	1998	2017	(45,921.52)
137000	LGE	9999	6	2000	2017	(39,145.53)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137000	LGE	9999	6	2001	2017	(184,489.00)
137000	LGE	9999	6	2002	2017	(239,263.27)
137000	LGE	9999	6	2003	2017	(101,363.18)
137000	LGE	9999	6	2003	2017	(141,569.85)
137000	LGE	9999	6	2004	2017	(158,454.57)
137000	LGE	9999	6	2004	2017	141,569.85
137000	LGE	9999	6	2005	2017	(47,875.88)
137000	LGE	9999	6	2006	2017	(9,982.91)
137000	LGE	9999	6	2009	2017	(109,648.45)
137000	LGE	9999	6	2010	2017	(140,719.78)
137000	LGE	9999	6	2011	2017	(37,567.03)
137000	LGE	9999	6	2012	2017	(260,599.88)
137000	LGE	9999	6	2013	2017	(121,287.35)
137000	LGE	9999	6	2014	2017	(341,782.99)
137000	LGE	9999	7	2015	2016	0.00
137000	LGE	9999	7	2017	2017	156,621.42
137000	LGE	9999	9	2014	2016	1,035,594.42
137000	LGE	9999	9	2015	2016	63,938.46
137000	LGE	9999	9	2016	2016	94,526.79
137000	LGE	9999	9	2017	2017	355,196.25
137001	LGE	9999	0	2015	2017	(77,652.32)
137001	LGE	9999	7	2015	2016	(1,192,898.29)
137001	LGE	9999	7	2015	2017	(1,177.41)
137001	LGE	9999	9	2015	2016	1,795,362.03
137001	LGE	9999	9	2015	2017	20,922.01
137020	LGE	9999	6	1972	2017	12,763.26
137020	LGE	9999	6	1973	2017	34,518.19
137020	LGE	9999	6	1974	2017	35,550.17
137020	LGE	9999	6	1975	2017	28,931.78
137020	LGE	9999	6	1976	2017	28,477.57
137020	LGE	9999	6	1977	2017	35,212.00
137020	LGE	9999	6	1978	2017	32,726.64
137020	LGE	9999	6	1979	2017	42,686.01
137020	LGE	9999	6	1980	2017	44,007.54
137020	LGE	9999	6	1981	2017	50,842.71
137020	LGE	9999	6	1982	2017	44,209.64
137020	LGE	9999	6	1983	2017	73,645.62
137020	LGE	9999	6	1984	2017	121,367.81
137020	LGE	9999	6	1985	2017	118,038.04
137020	LGE	9999	6	1986	2017	321,029.65
137020	LGE	9999	6	1987	2017	301,944.46
137020	LGE	9999	6	1988	2017	299,704.82
137020	LGE	9999	6	1989	2017	219,782.30
137020	LGE	9999	6	1990	2017	344,243.94
137020	LGE	9999	6	1991	2017	283,601.28
137020	LGE	9999	6	1992	2017	311,803.43
137020	LGE	9999	6	1993	2017	264,915.68
137020	LGE	9999	6	1994	2017	62,965.52
137020	LGE	9999	6	1995	2017	436,598.93
137020	LGE	9999	6	1996	2017	149,223.78
137020	LGE	9999	6	1997	2017	239,928.91
137020	LGE	9999	6	1998	2017	45,921.52
137020	LGE	9999	6	2000	2017	39,145.53
137020	LGE	9999	6	2001	2017	184,489.00

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137020	LGE	9999	6	2002	2017	239,263.27
137020	LGE	9999	6	2003	2017	101,363.18
137020	LGE	9999	6	2003	2017	141,569.85
137020	LGE	9999	6	2004	2017	158,454.57
137020	LGE	9999	6	2004	2017	(141,569.85)
137020	LGE	9999	6	2005	2017	47,875.88
137020	LGE	9999	6	2006	2017	9,982.91
137020	LGE	9999	6	2009	2017	109,648.45
137020	LGE	9999	6	2010	2017	140,719.78
137020	LGE	9999	6	2011	2017	37,567.03
137020	LGE	9999	6	2012	2017	260,599.88
137020	LGE	9999	6	2013	2017	121,287.35
137020	LGE	9999	6	2014	2017	341,782.99
137020	LGE	9999	9	2017	2017	145,496.41
137310	LGE	9999	0	1965	2016	(998.74)
137310	LGE	9999	0	1966	2016	(3,327.91)
137310	LGE	9999	0	1967	2016	(5,633.74)
137310	LGE	9999	0	1968	2016	(2,473.59)
137310	LGE	9999	0	1969	2016	(755.47)
137310	LGE	9999	0	1970	2016	(1,113.04)
137310	LGE	9999	0	1971	2016	(1,833.17)
137310	LGE	9999	0	1972	2016	(5,359.85)
137310	LGE	9999	0	1973	2016	(7,184.04)
137310	LGE	9999	0	1974	2016	(13,244.38)
137310	LGE	9999	0	1974	2017	(68,219.43)
137310	LGE	9999	0	1975	2016	(15,151.76)
137310	LGE	9999	0	1975	2017	(308.08)
137310	LGE	9999	0	1976	2016	(15,092.85)
137310	LGE	9999	0	1977	2016	(13,559.16)
137310	LGE	9999	0	1978	2016	(11,896.87)
137310	LGE	9999	0	1979	2016	(13,256.78)
137310	LGE	9999	0	1980	2016	(23,742.65)
137310	LGE	9999	0	1981	2016	(10,222.22)
137310	LGE	9999	0	1982	2016	(20,554.45)
137310	LGE	9999	0	1983	2016	(13,307.57)
137310	LGE	9999	0	1984	2016	(14,216.72)
137310	LGE	9999	0	1985	2016	(10,369.84)
137310	LGE	9999	0	1986	2016	(15,037.75)
137310	LGE	9999	0	1987	2016	(24,538.71)
137310	LGE	9999	0	1988	2016	(25,262.15)
137310	LGE	9999	0	1989	2016	(61,071.44)
137310	LGE	9999	0	1989	2017	(706.70)
137310	LGE	9999	0	1990	2016	(60,860.31)
137310	LGE	9999	0	1991	2016	(54,382.93)
137310	LGE	9999	0	1991	2017	(847.57)
137310	LGE	9999	0	1992	2016	(63,733.15)
137310	LGE	9999	0	1992	2017	(832.65)
137310	LGE	9999	0	1993	2016	(103,579.91)
137310	LGE	9999	0	1994	2016	(114,331.72)
137310	LGE	9999	0	1994	2017	(941.13)
137310	LGE	9999	0	1995	2016	(86,092.06)
137310	LGE	9999	0	1995	2017	(1,382.71)
137310	LGE	9999	0	1996	2016	(115,310.21)
137310	LGE	9999	0	1997	2016	(102,227.63)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137310	LGE	9999	0	1998	2016	(88,058.44)
137310	LGE	9999	0	1999	2016	(53,645.44)
137310	LGE	9999	0	2000	2016	(37,301.91)
137310	LGE	9999	0	2001	2016	(51,106.44)
137310	LGE	9999	0	2002	2016	(61,367.82)
137310	LGE	9999	0	2002	2017	(6,219.49)
137310	LGE	9999	0	2003	2016	(6,986.49)
137310	LGE	9999	0	2004	2016	(2,986.71)
137310	LGE	9999	0	2005	2016	(1,269.00)
137310	LGE	9999	0	2010	2016	(135,379.63)
137310	LGE	9999	0	2010	2017	(1,666.69)
137310	LGE	9999	0	2011	2016	(220,258.54)
137310	LGE	9999	0	2012	2016	(56,257.36)
137310	LGE	9999	0	2012	2017	(1,769.17)
137310	LGE	9999	0	2013	2016	(78,765.70)
137310	LGE	9999	6	2004	2016	(0.00)
137310	LGE	9999	6	2005	2016	(0.00)
137310	LGE	9999	6	2006	2016	(0.00)
137310	LGE	9999	7	2012	2016	1,421.00
137310	LGE	9999	7	2012	2017	(1,401.27)
137310	LGE	9999	7	2014	2016	1,625,630.94
137310	LGE	9999	7	2014	2017	(346,784.58)
137310	LGE	9999	7	2015	2016	(1,263,272.90)
137310	LGE	9999	7	2015	2017	(43,796.96)
137310	LGE	9999	7	2016	2016	462,872.58
137310	LGE	9999	7	2016	2017	(462,061.88)
137310	LGE	9999	7	2017	2017	15,349.31
137310	LGE	9999	9	2010	2017	(48,748.15)
137310	LGE	9999	9	2012	2016	66,666.49
137310	LGE	9999	9	2014	2016	3,637,789.97
137310	LGE	9999	9	2014	2017	3,633,330.95
137310	LGE	9999	9	2015	2016	65,213.49
137310	LGE	9999	9	2015	2017	1,204,839.84
137310	LGE	9999	9	2016	2016	83,432.85
137310	LGE	9999	9	2016	2017	6,206.28
137310	LGE	9999	9	2017	2017	234.33
137320	LGE	9999	0	1934	2016	(0.84)
137320	LGE	9999	0	1934	2017	(145,213.32)
137320	LGE	9999	0	1934	2017	(16,683.37)
137320	LGE	9999	0	1934	2017	(5,046.64)
137320	LGE	9999	0	1934	2017	(17,367.84)
137320	LGE	9999	0	1934	2017	(11,761.34)
137320	LGE	9999	0	1935	2017	(21,752.03)
137320	LGE	9999	0	1935	2017	16,683.37
137320	LGE	9999	0	1942	2017	(5,343.18)
137320	LGE	9999	0	1942	2017	5,046.64
137320	LGE	9999	0	1947	2017	(19,168.86)
137320	LGE	9999	0	1947	2017	17,367.84
137320	LGE	9999	0	1947	2017	11,761.34
137320	LGE	9999	0	1953	2017	(13,982.21)
137320	LGE	9999	0	1957	2016	(2.12)
137320	LGE	9999	0	1969	2016	(226.21)
137320	LGE	9999	0	1970	2016	(58.26)
137320	LGE	9999	0	1971	2016	(85.73)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137320	LGE	9999	0	1972	2016	(41.06)
137320	LGE	9999	0	1973	2016	(53.41)
137320	LGE	9999	0	1974	2016	(187.98)
137320	LGE	9999	0	1975	2016	(1,567.96)
137320	LGE	9999	0	1976	2016	(1,559.06)
137320	LGE	9999	0	1977	2016	(1,742.00)
137320	LGE	9999	0	1978	2016	(1,006.57)
137320	LGE	9999	0	1979	2016	(1,386.04)
137320	LGE	9999	0	1980	2016	(556.88)
137320	LGE	9999	0	1981	2016	(548.78)
137320	LGE	9999	0	1982	2016	(1,478.96)
137320	LGE	9999	0	1983	2016	(596.31)
137320	LGE	9999	0	1984	2016	(603.30)
137320	LGE	9999	0	1985	2016	(281.52)
137320	LGE	9999	0	1986	2016	(833.51)
137320	LGE	9999	0	1987	2016	(1,448.50)
137320	LGE	9999	0	1988	2016	(3,419.44)
137320	LGE	9999	0	1989	2016	(5,203.79)
137320	LGE	9999	0	1990	2016	(14,351.96)
137320	LGE	9999	0	1991	2016	(42,407.19)
137320	LGE	9999	0	1992	2016	(18,099.33)
137320	LGE	9999	0	1993	2016	(43,677.40)
137320	LGE	9999	0	1994	2016	(24,274.32)
137320	LGE	9999	0	1995	2016	(22,040.60)
137320	LGE	9999	0	1996	2016	(40,334.67)
137320	LGE	9999	0	1997	2016	(36,835.81)
137320	LGE	9999	0	1998	2016	(6,419.10)
137320	LGE	9999	0	1999	2016	(12,451.09)
137320	LGE	9999	0	2000	2016	(20,992.86)
137320	LGE	9999	0	2001	2016	(23,513.74)
137320	LGE	9999	0	2002	2016	(38,783.23)
137320	LGE	9999	0	2003	2016	(11,701.22)
137320	LGE	9999	0	2004	2016	(1,038.20)
137320	LGE	9999	0	2005	2016	(1,669.22)
137320	LGE	9999	0	2009	2016	(4,439.43)
137320	LGE	9999	0	2010	2016	(140.08)
137320	LGE	9999	0	2014	2016	(48,292.70)
137320	LGE	9999	0	2015	2016	(1,166,130.74)
137320	LGE	9999	7	2008	2016	(188.71)
137320	LGE	9999	7	2012	2016	188.71
137320	LGE	9999	7	2014	2016	35,273.36
137320	LGE	9999	7	2014	2017	(8,589.93)
137320	LGE	9999	7	2015	2016	(122,629.31)
137320	LGE	9999	7	2015	2017	241,292.21
137320	LGE	9999	7	2016	2016	14,743.14
137320	LGE	9999	7	2016	2017	(14,743.14)
137320	LGE	9999	9	2014	2016	929,397.29
137320	LGE	9999	9	2014	2017	1,378,205.62
137320	LGE	9999	9	2015	2016	4,373,579.19
137320	LGE	9999	9	2015	2017	1,040,999.71
137405	LGE	9999	0	2010	2017	(16,644.41)
137405	LGE	9999	9	2010	2016	(3,266.26)
137405	LGE	9999	9	2010	2017	(74,674.94)
137407	LGE	9999	0	2011	2017	(25,506.84)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
137407	LGE	9999	9	2011	2016	(77,731.46)
137407	LGE	9999	9	2011	2017	<b>43,496.65</b>
139200	LGE	9999	0	2006	2016	(10,651.13)
139200	LGE	9999	0	2011	2016	(16,730.41)
139200	LGE	9999	9	2015	2016	<b>105,822.08</b>
139200	LGE	9999	9	2016	2016	<b>69,940.68</b>
139210	LGE	9999	0	1994	2016	(2,303.42)
139210	LGE	9999	0	1998	2017	(23,700.06)
139210	LGE	9999	0	2008	2016	(31,666.41)
139210	LGE	9999	0	2011	2016	(15,108.67)
139210	LGE	9999	0	2013	2017	(20,055.62)
139210	LGE	9999	9	2015	2016	<b>1,648,766.84</b>
139210	LGE	9999	9	2016	2017	<b>75,392.21</b>
139220	LGE	9999	0	1990	2017	(6,289.16)
139220	LGE	9999	0	1997	2017	(114,776.96)
139220	LGE	9999	0	1997	2017	<b>6,289.16</b>
139220	LGE	9999	0	1999	2017	(6,089.25)
139220	LGE	9999	7	2016	2016	<b>17,824.98</b>
139220	LGE	9999	7	2016	2017	(17,824.98)
139220	LGE	9999	9	2016	2017	<b>26,573.79</b>
139220	LGE	9999	9	2017	2017	<b>113,173.61</b>
139400	LGE	9999	0	1991	2016	(92,166.14)
139400	LGE	9999	0	1992	2017	(143,955.40)
139400	LGE	9999	6	2009	2016	<b>0.00</b>
139400	LGE	9999	7	2014	2016	(6,120.23)
139400	LGE	9999	7	2014	2017	(479,891.92)
139400	LGE	9999	7	2015	2016	(311,834.30)
139400	LGE	9999	7	2016	2016	<b>0.00</b>
139400	LGE	9999	7	2017	2017	<b>233,556.28</b>
139400	LGE	9999	9	2015	2016	<b>253,124.35</b>
139400	LGE	9999	9	2016	2016	<b>195,806.28</b>
139400	LGE	9999	9	2017	2017	<b>291,164.41</b>
139610	LGE	9999	0	1988	2017	(30,818.06)
139610	LGE	9999	0	1989	2017	(254,425.00)
139610	LGE	9999	0	1992	2017	(11,506.30)
139610	LGE	9999	0	1997	2017	(38,605.13)
139610	LGE	9999	0	1999	2017	(44,478.67)
139610	LGE	9999	0	2000	2017	(41,395.40)
139610	LGE	9999	6	2010	2016	<b>0.00</b>
139610	LGE	9999	9	2015	2016	<b>186,441.95</b>
139610	LGE	9999	9	2016	2016	<b>49,249.39</b>
139610	LGE	9999	9	2016	2017	<b>90,043.79</b>
139610	LGE	9999	9	2017	2017	<b>20,452.83</b>
139620	LGE	9999	7	2015	2016	(8,260.70)
139720	LGE	9999	0	2012	2016	(407,012.05)
139720	LGE	9999	7	2012	2016	(73,407.19)
139720	LGE	9999	7	2012	2017	(59,975.06)
139720	LGE	9999	9	2012	2016	<b>1,503,755.32</b>
139720	LGE	9999	9	2012	2017	<b>941,346.00</b>
235020	LGE	9999	6	2002	2016	(5,657.00)
235120	LGE	9999	0	1942	2017	(274.92)
235120	LGE	9999	0	1944	2017	(180.22)
235120	LGE	9999	0	1949	2016	(374.12)
235120	LGE	9999	0	1949	2017	(6,204.97)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
235120	LGE	9999	0	1960	2016	(374.12)
235120	LGE	9999	0	1960	2017	(6,204.97)
235120	LGE	9999	0	1960	2016	374.12
235120	LGE	9999	0	1960	2017	6,204.97
235120	LGE	9999	0	1963	2017	(1,519.24)
235120	LGE	9999	0	1982	2016	(2,650.52)
235120	LGE	9999	0	1990	2017	(2,119.69)
235120	LGE	9999	7	2015	2016	(143,153.95)
235120	LGE	9999	7	2016	2016	331,490.18
235120	LGE	9999	7	2016	2017	(331,490.18)
235120	LGE	9999	7	2017	2017	59,009.11
235120	LGE	9999	9	2016	2016	100,734.72
235120	LGE	9999	9	2016	2017	326,690.18
235130	LGE	9999	0	1966	2016	(108.56)
235140	LGE	9999	0	1953	2017	(1,665.37)
235140	LGE	9999	0	1962	2016	(1,027.29)
235140	LGE	9999	0	1964	2017	(325.55)
235140	LGE	9999	0	1965	2016	(776.96)
235140	LGE	9999	0	1966	2016	(1,696.89)
235140	LGE	9999	0	1968	2017	(552.25)
235140	LGE	9999	0	1972	2017	(917.75)
235140	LGE	9999	0	1982	2017	(805.56)
235140	LGE	9999	0	1985	2016	(262.61)
235140	LGE	9999	0	1986	2016	(6,136.66)
235140	LGE	9999	0	1986	2016	262.61
235140	LGE	9999	7	2015	2016	(9,695.12)
235140	LGE	9999	7	2015	2017	(9,066.16)
235140	LGE	9999	7	2016	2016	201,061.59
235140	LGE	9999	7	2016	2017	(200,391.30)
235140	LGE	9999	7	2017	2017	635,075.11
235140	LGE	9999	9	2015	2016	152,849.07
235140	LGE	9999	9	2015	2017	9,066.16
235140	LGE	9999	9	2016	2016	580,455.54
235140	LGE	9999	9	2016	2017	208,695.47
235140	LGE	9999	9	2017	2017	79,218.44
235240	LGE	9999	0	1959	2017	(2,937.06)
235240	LGE	9999	0	1966	2017	(3,197.75)
235240	LGE	9999	0	1969	2017	(16,287.27)
235255	LGE	9999	0	1959	2017	(2,608.81)
235255	LGE	9999	0	1966	2017	(2,954.38)
235255	LGE	9999	0	1969	2017	(19,881.81)
235255	LGE	9999	0	1972	2016	(1,952.18)
235255	LGE	9999	0	1985	2017	(399.17)
235255	LGE	9999	0	2001	2016	(7,509.95)
235255	LGE	9999	0	2008	2016	(9,476.05)
235255	LGE	9999	0	2009	2017	(27,829.72)
235255	LGE	9999	0	2010	2016	(7,493.55)
235255	LGE	9999	0	2010	2017	(3,459.02)
235255	LGE	9999	0	2011	2017	(3,433.93)
235255	LGE	9999	0	2012	2017	(5,134.27)
235255	LGE	9999	0	2016	2017	(27,822.23)
235255	LGE	9999	7	2016	2016	411,907.78
235255	LGE	9999	7	2016	2017	(296,068.42)
235255	LGE	9999	7	2017	2017	897,068.40

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
235255	LGE	9999	9	2016	2016	175,822.45
235255	LGE	9999	9	2016	2017	294,215.54
235300	LGE	9999	0	1953	2016	(1,318.22)
235300	LGE	9999	0	1953	2017	1,318.22
235300	LGE	9999	0	1954	2016	(2,292.35)
235300	LGE	9999	0	1954	2017	(1,820.33)
235300	LGE	9999	0	1962	2016	(238.86)
235300	LGE	9999	0	1963	2016	(2,566.49)
235300	LGE	9999	0	1963	2016	238.86
235300	LGE	9999	0	1965	2017	10,322.04
235300	LGE	9999	0	1968	2017	(2,164.12)
235300	LGE	9999	0	1970	2017	(1,662.89)
235300	LGE	9999	0	1974	2017	(7,710.93)
235300	LGE	9999	0	1980	2017	(4,491.05)
235300	LGE	9999	0	1981	2017	(7,089.75)
235300	LGE	9999	0	1982	2017	(13,333.21)
235300	LGE	9999	0	1987	2017	(4,844.68)
235300	LGE	9999	0	1988	2017	(5,277.45)
235300	LGE	9999	7	2015	2016	(6,250.04)
235300	LGE	9999	7	2015	2017	(834,956.55)
235300	LGE	9999	7	2016	2016	1,223,760.49
235300	LGE	9999	7	2016	2017	72,811.67
235300	LGE	9999	7	2017	2017	687,715.61
235300	LGE	9999	9	2014	2017	1,134,391.52
235300	LGE	9999	9	2015	2017	421,336.55
235300	LGE	9999	9	2016	2016	805,195.11
235400	LGE	9999	0	1956	2017	(2,209.06)
235400	LGE	9999	0	1957	2017	(1,233.52)
235400	LGE	9999	0	1959	2016	(34,834.95)
235400	LGE	9999	0	1959	2017	(3,122.48)
235400	LGE	9999	0	1960	2016	(34,834.95)
235400	LGE	9999	0	1960	2017	(3,122.48)
235400	LGE	9999	0	1960	2016	34,834.95
235400	LGE	9999	0	1960	2017	3,122.48
235400	LGE	9999	0	1963	2017	(9,399.50)
235400	LGE	9999	0	1967	2017	(47,261.93)
235400	LGE	9999	0	1974	2016	(126,981.96)
235400	LGE	9999	0	1974	2016	(62,940.95)
235400	LGE	9999	0	1974	2017	(2,472.89)
235400	LGE	9999	0	1977	2016	(262,217.12)
235400	LGE	9999	0	1977	2016	126,981.98
235400	LGE	9999	0	1979	2016	(67,239.30)
235400	LGE	9999	0	1979	2017	(2,472.89)
235400	LGE	9999	0	1979	2016	62,940.95
235400	LGE	9999	0	1979	2017	2,472.89
235400	LGE	9999	0	2007	2017	(57,336.68)
235400	LGE	9999	0	2015	2017	(17,310.88)
235400	LGE	9999	7	2015	2016	(434,130.45)
235400	LGE	9999	7	2015	2017	(79,570.78)
235400	LGE	9999	7	2016	2016	8,001,031.81
235400	LGE	9999	7	2016	2017	(5,388,797.14)
235400	LGE	9999	7	2017	2017	4,639,758.05
235400	LGE	9999	9	2015	2016	305,885.01
235400	LGE	9999	9	2015	2017	418,257.27

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
235400	LGE	9999	9	2016	2016	2,744,798.52
235400	LGE	9999	9	2016	2017	6,070,863.66
235400	LGE	9999	9	2017	2017	63,515.12
235500	LGE	9999	0	1966	2016	(2,288.25)
235500	LGE	9999	0	1966	2017	(13,110.70)
235500	LGE	9999	7	2015	2016	989,556.78
235500	LGE	9999	7	2015	2017	(989,556.78)
235500	LGE	9999	9	2015	2016	248,499.77
235500	LGE	9999	9	2015	2017	989,556.78
235500	LGE	9999	9	2017	2017	150,841.41
235600	LGE	9999	0	1953	2017	(3,018.04)
235600	LGE	9999	0	1953	2017	3,018.04
235600	LGE	9999	0	1959	2017	(3,018.04)
235600	LGE	9999	0	1961	2016	(18,938.52)
235600	LGE	9999	0	1964	2016	(2,352.17)
235600	LGE	9999	0	1964	2017	(882.72)
235600	LGE	9999	0	1968	2016	(12,012.06)
235600	LGE	9999	0	1968	2017	(73,817.43)
235600	LGE	9999	0	1986	2017	(24,625.90)
235600	LGE	9999	0	1992	2017	(2,747.70)
235600	LGE	9999	0	1994	2016	(1,020.93)
235600	LGE	9999	0	2000	2017	(3,899.94)
235600	LGE	9999	0	2002	2017	(59,077.26)
235600	LGE	9999	0	2003	2017	(10,631.27)
235600	LGE	9999	7	2014	2017	(316.32)
235600	LGE	9999	7	2015	2016	(3,234,950.29)
235600	LGE	9999	7	2015	2017	(7,052.47)
235600	LGE	9999	7	2016	2016	2,433,782.77
235600	LGE	9999	7	2016	2017	(1,471,642.83)
235600	LGE	9999	7	2017	2017	612,042.38
235600	LGE	9999	9	2013	2016	(758.44)
235600	LGE	9999	9	2015	2016	3,152,163.02
235600	LGE	9999	9	2016	2016	1,692,105.30
235600	LGE	9999	9	2016	2017	1,182,443.18
235600	LGE	9999	9	2017	2017	35,389.54
235700	LGE	9999	0	1956	2016	(187.77)
235700	LGE	9999	0	1959	2016	(968.54)
235700	LGE	9999	0	1964	2016	(2,956.56)
235700	LGE	9999	0	1966	2016	(1,731.48)
235700	LGE	9999	0	1966	2016	968.54
235700	LGE	9999	6	2013	2016	2,817.36
235700	LGE	9999	7	2016	2016	325,537.28
235700	LGE	9999	7	2016	2017	(154,050.44)
235700	LGE	9999	7	2017	2017	207,652.89
235700	LGE	9999	9	2015	2016	83,102.81
235700	LGE	9999	9	2016	2016	154,958.04
235700	LGE	9999	9	2016	2017	64,042.03
235700	LGE	9999	9	2017	2017	56,601.18
235805	LGE	9999	0	2010	2016	(4,450.28)
235805	LGE	9999	0	2010	2017	(60,682.27)
235805	LGE	9999	9	2010	2016	(60,904.00)
235805	LGE	9999	9	2010	2017	38,709.76
235807	LGE	9999	0	2010	2016	(52,867.67)
235807	LGE	9999	0	2010	2017	(113,692.42)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
235807	LGE	9999	9	2010	2016	808,505.90
235807	LGE	9999	9	2010	2017	(688,774.51)
236700	LGE	9999	0	1947	2016	(456.91)
236700	LGE	9999	0	1947	2017	(3,110.30)
236700	LGE	9999	0	1947	2016	456.91
236700	LGE	9999	0	1947	2017	3,110.30
236700	LGE	9999	0	1952	2016	(456.91)
236700	LGE	9999	0	1952	2017	(3,110.30)
236700	LGE	9999	0	1952	2017	(43,639.94)
236700	LGE	9999	0	1953	2017	(1,530.40)
236700	LGE	9999	0	1957	2017	(8,046.79)
236700	LGE	9999	0	1959	2016	(1,590.02)
236700	LGE	9999	0	1959	2017	(635.01)
236700	LGE	9999	0	1970	2017	(727.99)
236700	LGE	9999	0	1971	2017	(1,341.28)
236700	LGE	9999	0	1973	2017	(104.99)
236700	LGE	9999	0	1978	2017	(852.77)
236700	LGE	9999	0	1979	2016	(498.17)
236700	LGE	9999	0	1979	2017	(43,639.94)
236700	LGE	9999	0	1979	2017	43,639.94
236700	LGE	9999	0	1996	2016	(2,506.80)
236700	LGE	9999	0	1998	2017	12,688.43
236700	LGE	9999	0	2009	2016	(83,939.10)
236700	LGE	9999	0	2012	2017	(1,215.68)
236700	LGE	9999	0	2013	2017	(137,593.40)
236700	LGE	9999	0	2014	2017	(31,589.94)
236700	LGE	9999	7	2013	2017	64,938.00
236700	LGE	9999	7	2014	2016	823.27
236700	LGE	9999	7	2014	2017	(3,388,539.79)
236700	LGE	9999	7	2015	2016	(137,012.33)
236700	LGE	9999	7	2015	2017	(67,641.25)
236700	LGE	9999	7	2016	2016	1,815,930.51
236700	LGE	9999	7	2016	2017	(1,593,110.99)
236700	LGE	9999	7	2017	2017	1,200,291.17
236700	LGE	9999	9	2014	2017	2,254,148.27
236700	LGE	9999	9	2015	2016	219,402.17
236700	LGE	9999	9	2015	2017	67,641.25
236700	LGE	9999	9	2016	2016	476,229.45
236700	LGE	9999	9	2016	2017	1,581,716.96
236700	LGE	9999	9	2017	2017	220,262.62
237207	LGE	9999	0	2011	2016	(2,851.93)
237207	LGE	9999	0	2011	2017	(42,504.33)
237207	LGE	9999	9	2011	2016	(1,269.00)
237207	LGE	9999	9	2011	2017	28,516.28
237510	LGE	9999	0	1957	2016	(597.48)
237520	LGE	9999	0	1983	2016	(3,808.67)
237520	LGE	9999	6	2013	2016	12,074.40
237520	LGE	9999	7	2015	2016	(136,973.37)
237520	LGE	9999	7	2017	2017	55,896.49
237520	LGE	9999	9	2015	2016	11,417.42
237520	LGE	9999	9	2016	2016	148,067.41
237520	LGE	9999	9	2017	2017	8,219.56
237600	LGE	9999	0	1934	2016	(21,982.88)
237600	LGE	9999	0	1934	2017	2,868.01

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
237600	LGE	9999	0	1934	2016	81,982.48
237600	LGE	9999	0	1934	2017	(2,868.01)
237600	LGE	9999	0	1935	2016	(4,702.23)
237600	LGE	9999	0	1935	2017	(212.28)
237600	LGE	9999	0	1935	2016	(81,982.48)
237600	LGE	9999	0	1935	2016	(24,903.95)
237600	LGE	9999	0	1935	2017	2,868.01
237600	LGE	9999	0	1935	2017	(21,723.83)
237600	LGE	9999	0	1935	2017	(12,011.84)
237600	LGE	9999	0	1942	2016	1,509.65
237600	LGE	9999	0	1942	2017	(483.86)
237600	LGE	9999	0	1947	2016	(4,273.11)
237600	LGE	9999	0	1947	2017	(24,741.80)
237600	LGE	9999	0	1947	2017	21,723.83
237600	LGE	9999	0	1953	2016	(24,903.95)
237600	LGE	9999	0	1953	2017	(12,011.84)
237600	LGE	9999	0	1953	2016	24,903.95
237600	LGE	9999	0	1953	2017	12,011.84
237600	LGE	9999	0	1957	2016	2,448.70
237600	LGE	9999	0	1957	2017	(4,883.00)
237600	LGE	9999	0	1959	2016	(24,824.33)
237600	LGE	9999	0	1959	2017	(19,613.76)
237600	LGE	9999	0	1963	2016	(233.39)
237600	LGE	9999	0	1963	2017	(12,412.69)
237600	LGE	9999	0	1965	2016	(1,178.63)
237600	LGE	9999	0	1965	2017	(1,618.93)
237600	LGE	9999	0	1966	2016	(2,952.36)
237600	LGE	9999	0	1966	2017	(1,632.47)
237600	LGE	9999	0	1967	2016	(1,724.95)
237600	LGE	9999	0	1967	2017	(14,885.90)
237600	LGE	9999	0	1968	2016	(2,239.97)
237600	LGE	9999	0	1968	2017	(1,573.90)
237600	LGE	9999	0	1969	2016	(64.18)
237600	LGE	9999	0	1969	2017	(1,127.06)
237600	LGE	9999	0	1970	2016	(245.63)
237600	LGE	9999	0	1970	2017	(4,752.69)
237600	LGE	9999	0	1971	2016	(371.26)
237600	LGE	9999	0	1971	2017	(7,127.42)
237600	LGE	9999	0	1972	2016	(397.71)
237600	LGE	9999	0	1972	2017	(7,593.31)
237600	LGE	9999	0	1973	2016	(226.75)
237600	LGE	9999	0	1973	2017	(4,297.96)
237600	LGE	9999	0	1974	2016	(12.17)
237600	LGE	9999	0	1974	2017	(457.36)
237600	LGE	9999	0	1975	2017	(370.74)
237600	LGE	9999	0	1976	2016	(12.45)
237600	LGE	9999	0	1976	2017	(119.69)
237600	LGE	9999	0	1977	2017	(195.51)
237600	LGE	9999	0	1978	2017	(88.73)
237600	LGE	9999	0	1979	2016	(36.98)
237600	LGE	9999	0	1979	2017	(1,126.32)
237600	LGE	9999	0	1980	2017	(249.19)
237600	LGE	9999	0	1981	2016	(25.51)
237600	LGE	9999	0	1981	2017	(520.07)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
237600	LGE	9999	0	1982	2017	(6,362.64)
237600	LGE	9999	0	1983	2017	(171.76)
237600	LGE	9999	0	1984	2016	(7.00)
237600	LGE	9999	0	1984	2017	(730.55)
237600	LGE	9999	0	1986	2016	(18.17)
237600	LGE	9999	0	1986	2017	(427.82)
237600	LGE	9999	0	1987	2016	(8.88)
237600	LGE	9999	0	1987	2017	(258.79)
237600	LGE	9999	0	1988	2017	(68.38)
237600	LGE	9999	0	1989	2017	(2,342.04)
237600	LGE	9999	0	1990	2016	(551.57)
237600	LGE	9999	0	1990	2017	(17,733.74)
237600	LGE	9999	0	1991	2016	(1,927.34)
237600	LGE	9999	0	1991	2017	(40,295.23)
237600	LGE	9999	0	1992	2016	(9,383.76)
237600	LGE	9999	0	1992	2017	(62,306.91)
237600	LGE	9999	0	1993	2016	(13,411.83)
237600	LGE	9999	0	1993	2017	(123,060.95)
237600	LGE	9999	0	1994	2016	(10,767.03)
237600	LGE	9999	0	1994	2017	(106,073.58)
237600	LGE	9999	0	1995	2016	(10,775.61)
237600	LGE	9999	0	1995	2017	(79,683.95)
237600	LGE	9999	0	1996	2016	(5,411.14)
237600	LGE	9999	0	1996	2017	(40,287.10)
237600	LGE	9999	0	1997	2016	(55,550.93)
237600	LGE	9999	0	1997	2017	(173,266.53)
237600	LGE	9999	0	1998	2016	(8,401.90)
237600	LGE	9999	0	1998	2017	(35,534.55)
237600	LGE	9999	0	1999	2016	(13,094.52)
237600	LGE	9999	0	1999	2017	(47,585.55)
237600	LGE	9999	0	2000	2016	(15,986.29)
237600	LGE	9999	0	2000	2017	(56,565.18)
237600	LGE	9999	0	2001	2016	(1,832.63)
237600	LGE	9999	0	2001	2017	(28,463.85)
237600	LGE	9999	0	2002	2016	(3,244.54)
237600	LGE	9999	0	2002	2017	(12,008.30)
237600	LGE	9999	0	2003	2016	(11,152.36)
237600	LGE	9999	0	2003	2017	(116,588.70)
237600	LGE	9999	0	2004	2016	(1,978.02)
237600	LGE	9999	0	2004	2017	(44,923.04)
237600	LGE	9999	0	2007	2017	(15,161.63)
237600	LGE	9999	0	2008	2017	(22,915.72)
237600	LGE	9999	0	2009	2017	(128,527.24)
237600	LGE	9999	4	2015	2017	(14,225.03)
237600	LGE	9999	7	2008	2016	(188.67)
237600	LGE	9999	7	2011	2016	3,982.99
237600	LGE	9999	7	2012	2016	(9,076.89)
237600	LGE	9999	7	2013	2016	(582,427.36)
237600	LGE	9999	7	2014	2016	322,171.92
237600	LGE	9999	7	2014	2017	(51,689.12)
237600	LGE	9999	7	2015	2016	(2,344,377.23)
237600	LGE	9999	7	2015	2017	(6,781.30)
237600	LGE	9999	7	2016	2016	4,865,667.25
237600	LGE	9999	7	2016	2017	(4,515,986.20)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
237600	LGE	9999	7	2017	2017	1,978,363.56
237600	LGE	9999	9	2014	2017	9,041.90
237600	LGE	9999	9	2015	2016	1,080,228.25
237600	LGE	9999	9	2015	2017	1,578,556.00
237600	LGE	9999	9	2016	2016	3,331,190.82
237600	LGE	9999	9	2016	2017	3,176,484.32
237600	LGE	9999	9	2017	2017	17,172,571.75
237610	LGE	9999	4	2015	2017	(14,225.05)
237610	LGE	9999	4	2017	2017	(416,495.47)
237610	LGE	9999	7	2012	2016	(5.73)
237610	LGE	9999	7	2014	2016	(3.44)
237610	LGE	9999	7	2015	2016	(5,931,874.35)
237610	LGE	9999	7	2015	2017	(15,149.27)
237610	LGE	9999	7	2016	2016	8,186,282.36
237610	LGE	9999	7	2016	2017	(8,186,282.36)
237610	LGE	9999	7	2017	2017	416,495.47
237610	LGE	9999	9	2016	2016	8,847,839.17
237620	LGE	9999	4	2015	2017	28,450.06
237620	LGE	9999	4	2017	2017	416,495.47
237620	LGE	9999	7	2015	2017	183,448.98
237620	LGE	9999	7	2017	2017	4,345,474.89
237620	LGE	9999	9	2017	2017	179,569.98
237800	LGE	9999	0	1963	2016	(1,871.35)
237800	LGE	9999	0	1965	2016	(214.06)
237800	LGE	9999	0	1972	2017	(226.83)
237800	LGE	9999	0	1979	2016	(3,397.92)
237800	LGE	9999	0	1979	2017	(795.89)
237800	LGE	9999	0	1982	2016	(1,002.75)
237800	LGE	9999	0	1996	2016	(5,221.24)
237800	LGE	9999	0	1998	2016	(71,525.41)
237800	LGE	9999	0	2001	2016	(182.00)
237800	LGE	9999	0	2003	2016	(4,057.84)
237800	LGE	9999	0	2007	2017	(8,408.00)
237800	LGE	9999	7	2014	2016	(6,155.74)
237800	LGE	9999	7	2015	2016	(872,618.63)
237800	LGE	9999	7	2015	2017	(147,258.07)
237800	LGE	9999	7	2016	2016	2,652,162.90
237800	LGE	9999	7	2016	2017	(869,063.20)
237800	LGE	9999	7	2017	2017	1,398,466.28
237800	LGE	9999	9	1950	2017	15,213.11
237800	LGE	9999	9	2015	2016	625,358.25
237800	LGE	9999	9	2015	2017	147,258.07
237800	LGE	9999	9	2016	2016	991,877.79
237800	LGE	9999	9	2016	2017	991,789.12
237800	LGE	9999	9	2017	2017	93,264.96
237900	LGE	9999	0	1950	2016	(21.23)
237900	LGE	9999	0	1951	2016	(21.23)
237900	LGE	9999	0	1951	2016	21.23
237900	LGE	9999	0	1953	2016	(1,488.41)
237900	LGE	9999	0	1954	2016	(1,880.70)
237900	LGE	9999	0	1956	2016	(154.19)
237900	LGE	9999	0	1966	2016	(480.18)
237900	LGE	9999	0	1970	2017	(42,360.60)
237900	LGE	9999	0	1970	2017	(8,621.67)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
237900	LGE	9999	0	1971	2016	(98.84)
237900	LGE	9999	0	1972	2017	(42,360.60)
237900	LGE	9999	0	1972	2017	42,360.60
237900	LGE	9999	0	1975	2017	(21,564.67)
237900	LGE	9999	0	1975	2017	8,621.67
237900	LGE	9999	0	1982	2017	(927.05)
237900	LGE	9999	0	1984	2017	(6,908.96)
237900	LGE	9999	0	1985	2017	(35,462.77)
237900	LGE	9999	0	1989	2016	(11,888.97)
237900	LGE	9999	0	1989	2017	(27,567.72)
237900	LGE	9999	0	1989	2017	(6,836.35)
237900	LGE	9999	0	1990	2017	(27,567.72)
237900	LGE	9999	0	1990	2017	27,567.72
237900	LGE	9999	0	1991	2017	(6,219.85)
237900	LGE	9999	0	1996	2016	(11,888.97)
237900	LGE	9999	0	1996	2017	(6,836.35)
237900	LGE	9999	0	1996	2016	11,888.97
237900	LGE	9999	0	1996	2017	6,836.35
237900	LGE	9999	0	1997	2017	(7,539.26)
237900	LGE	9999	0	1998	2016	(5,204.38)
237900	LGE	9999	0	1999	2017	(1,288.97)
237900	LGE	9999	0	2001	2017	(48,519.98)
237900	LGE	9999	0	2004	2016	(3,666.63)
237900	LGE	9999	0	2004	2017	(8,180.72)
237900	LGE	9999	0	2006	2017	(17,837.65)
237900	LGE	9999	0	2007	2017	(55,363.43)
237900	LGE	9999	0	2007	2017	17,837.65
237900	LGE	9999	0	2009	2017	(964.37)
237900	LGE	9999	0	2011	2017	(41,312.21)
237900	LGE	9999	0	2012	2017	(13,477.36)
237900	LGE	9999	7	2015	2016	(113,296.74)
237900	LGE	9999	7	2016	2016	250,352.89
237900	LGE	9999	7	2016	2017	(76,164.55)
237900	LGE	9999	7	2017	2017	874,805.06
237900	LGE	9999	9	2015	2016	73,471.53
237900	LGE	9999	9	2016	2016	297,420.54
237900	LGE	9999	9	2016	2017	30,343.72
237900	LGE	9999	9	2017	2017	4,063,710.55
238000	LGE	9999	0	1915	2016	(5,644.56)
238000	LGE	9999	0	1915	2016	(12,481.09)
238000	LGE	9999	0	1934	2016	(5,644.56)
238000	LGE	9999	0	1934	2016	5,644.56
238000	LGE	9999	0	1935	2016	(17,544.19)
238000	LGE	9999	0	1947	2016	(25,202.91)
238000	LGE	9999	0	1947	2016	17,544.19
238000	LGE	9999	0	1953	2016	(6,394.54)
238000	LGE	9999	0	1957	2016	(12,481.09)
238000	LGE	9999	0	1957	2016	12,481.09
238000	LGE	9999	0	1959	2016	(119,887.40)
238000	LGE	9999	0	1963	2017	(312.34)
238000	LGE	9999	0	1965	2017	(106.39)
238000	LGE	9999	0	1966	2016	(10,032.66)
238000	LGE	9999	0	1966	2017	(103.14)
238000	LGE	9999	0	1970	2016	(2,603.43)



Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
238000	LGE	9999	0	1972	2016	(4,625.17)
238000	LGE	9999	0	1973	2016	(6,219.63)
238000	LGE	9999	0	1974	2016	(9,618.29)
238000	LGE	9999	0	1976	2016	(19,905.74)
238000	LGE	9999	0	1977	2016	(20,857.93)
238000	LGE	9999	0	1985	2016	(4,000.54)
238000	LGE	9999	0	1986	2016	(904.46)
238000	LGE	9999	0	1987	2016	(31,341.47)
238000	LGE	9999	0	1989	2016	(4,543.92)
238000	LGE	9999	0	1989	2017	(3,523.31)
238000	LGE	9999	0	1990	2016	(13,331.85)
238000	LGE	9999	0	1990	2017	(3,585.02)
238000	LGE	9999	0	1991	2016	(27,013.72)
238000	LGE	9999	0	1991	2017	(4,079.30)
238000	LGE	9999	0	1992	2016	(75,345.81)
238000	LGE	9999	0	1992	2017	(3,966.18)
238000	LGE	9999	0	1993	2016	(14,296.53)
238000	LGE	9999	0	1993	2017	(8,180.00)
238000	LGE	9999	0	1994	2016	(1,398,027.24)
238000	LGE	9999	0	1994	2017	(5,265.59)
238000	LGE	9999	0	1995	2016	(1,384,670.29)
238000	LGE	9999	0	1995	2017	(4,234.92)
238000	LGE	9999	0	1996	2016	(157,108.69)
238000	LGE	9999	0	1996	2017	(3,327.79)
238000	LGE	9999	0	1997	2016	(192,191.09)
238000	LGE	9999	0	1997	2017	(2,940.69)
238000	LGE	9999	0	1998	2016	(158,200.83)
238000	LGE	9999	0	1998	2017	(2,407.42)
238000	LGE	9999	0	1999	2016	(339,283.87)
238000	LGE	9999	0	1999	2017	(1,957.09)
238000	LGE	9999	0	2000	2016	(354,179.60)
238000	LGE	9999	0	2001	2016	(163,934.81)
238000	LGE	9999	0	2002	2016	(459,499.68)
238000	LGE	9999	0	2003	2016	(168,281.52)
238000	LGE	9999	0	2004	2016	(347,597.15)
238000	LGE	9999	0	2005	2016	(425,908.80)
238000	LGE	9999	0	2005	2016	(375,827.33)
238000	LGE	9999	0	2006	2016	(375,827.33)
238000	LGE	9999	0	2006	2016	375,827.33
238000	LGE	9999	0	2007	2016	(326,991.63)
238000	LGE	9999	0	2009	2016	(268,528.46)
238000	LGE	9999	0	2009	2017	(10,051.07)
238000	LGE	9999	0	2011	2017	(59,003.34)
238000	LGE	9999	0	2012	2017	(26,876.59)
238000	LGE	9999	0	2013	2017	(31,087.06)
238000	LGE	9999	4	2015	2017	(56,900.08)
238000	LGE	9999	7	2012	2016	(21,130.08)
238000	LGE	9999	7	2012	2017	(2,380.14)
238000	LGE	9999	7	2014	2016	(12,480.32)
238000	LGE	9999	7	2015	2016	(98,097.15)
238000	LGE	9999	7	2015	2017	(1,198,647.66)
238000	LGE	9999	7	2016	2016	2,052,946.31
238000	LGE	9999	7	2016	2017	(2,048,787.78)
238000	LGE	9999	7	2017	2017	349,448.48

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
238000	LGE	9999	9	2012	2017	39,801.26
238000	LGE	9999	9	2013	2017	17,369.67
238000	LGE	9999	9	2015	2016	2,493.89
238000	LGE	9999	9	2015	2017	1,335,906.64
238000	LGE	9999	9	2017	2017	19,309,463.34
238010	LGE	9999	4	2015	2017	(56,900.12)
238010	LGE	9999	4	2017	2017	(1,502,708.92)
238010	LGE	9999	7	2012	2016	(2,703,210.86)
238010	LGE	9999	7	2012	2017	(2,380.09)
238010	LGE	9999	7	2013	2017	(41,319.31)
238010	LGE	9999	7	2014	2016	(1,596,637.17)
238010	LGE	9999	7	2014	2017	(13,319.01)
238010	LGE	9999	7	2015	2016	(27,686,457.11)
238010	LGE	9999	7	2015	2017	(60,392.37)
238010	LGE	9999	7	2016	2016	27,582,677.24
238010	LGE	9999	7	2016	2017	(27,582,677.24)
238010	LGE	9999	7	2017	2017	1,508,555.09
238010	LGE	9999	9	2015	2016	7,786,517.39
238010	LGE	9999	9	2015	2017	1,962.25
238010	LGE	9999	9	2016	2016	42,225,562.63
238010	LGE	9999	9	2017	2017	29,880,447.45
238020	LGE	9999	4	2015	2017	113,800.20
238020	LGE	9999	4	2017	2017	1,502,708.92
238020	LGE	9999	7	2015	2017	733,795.63
238020	LGE	9999	7	2017	2017	8,598,758.02
238020	LGE	9999	9	2015	2017	133,905.62
238020	LGE	9999	9	2017	2017	1,445,572.10
238100	LGE	9999	0	1987	2016	(395,546.74)
238100	LGE	9999	0	1988	2016	(353,312.42)
238100	LGE	9999	0	1992	2017	(730,340.16)
238100	LGE	9999	0	2007	2016	(97,729.20)
238100	LGE	9999	7	2015	2016	0.00
238100	LGE	9999	7	2016	2016	64,024.64
238100	LGE	9999	7	2017	2017	1,375,666.93
238100	LGE	9999	9	2015	2016	45,740.37
238100	LGE	9999	9	2016	2016	2,551,402.51
238100	LGE	9999	9	2017	2017	4,917,044.54
238300	LGE	9999	0	1997	2016	(57,006.40)
238300	LGE	9999	0	1998	2016	(126,814.88)
238300	LGE	9999	0	2003	2017	(53.07)
238300	LGE	9999	7	2016	2016	16,000.00
238300	LGE	9999	7	2016	2017	(16,000.00)
238300	LGE	9999	7	2017	2017	32,910.66
238300	LGE	9999	9	2016	2016	605,810.51
238300	LGE	9999	9	2017	2017	377,381.25
238805	LGE	9999	0	2010	2017	(37,095.39)
238805	LGE	9999	9	2010	2016	34,428.04
238807	LGE	9999	0	2010	2016	(487,435.15)
238807	LGE	9999	0	2010	2017	(25,043.13)
238807	LGE	9999	9	2010	2016	1,532,697.94
238807	LGE	9999	9	2010	2017	1,120,194.00
239200	LGE	9999	9	2016	2016	31,064.85
239200	LGE	9999	9	2016	2017	(2,742.07)
239210	LGE	9999	0	1991	2017	(33,612.96)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
239210	LGE	9999	0	1995	2017	(48,240.66)
239210	LGE	9999	0	1999	2017	(58,519.96)
239210	LGE	9999	9	2016	2017	139,050.34
239220	LGE	9999	0	1990	2017	(8,349.36)
239220	LGE	9999	0	1997	2016	(2,173.00)
239220	LGE	9999	0	1997	2017	(15,390.35)
239220	LGE	9999	0	2003	2017	(8,349.36)
239220	LGE	9999	0	2003	2017	8,349.36
239220	LGE	9999	0	2005	2017	(13,062.12)
239220	LGE	9999	7	2016	2016	242,398.53
239220	LGE	9999	7	2016	2017	(242,398.53)
239220	LGE	9999	7	2017	2017	46,461.92
239220	LGE	9999	9	2015	2016	10,229.28
239220	LGE	9999	9	2016	2017	242,398.53
239400	LGE	9999	0	1991	2016	(245,638.37)
239400	LGE	9999	0	1992	2017	(335,120.42)
239400	LGE	9999	6	2002	2016	3,657.00
239400	LGE	9999	6	2016	2016	3,085.30
239400	LGE	9999	7	2014	2016	(63,360.21)
239400	LGE	9999	7	2015	2016	(103,735.76)
239400	LGE	9999	7	2016	2016	259,297.56
239400	LGE	9999	7	2016	2017	(78,821.60)
239400	LGE	9999	7	2017	2017	199,368.98
239400	LGE	9999	9	2014	2016	70,212.70
239400	LGE	9999	9	2015	2016	49,640.71
239400	LGE	9999	9	2016	2016	396,255.23
239400	LGE	9999	9	2016	2017	79,416.87
239400	LGE	9999	9	2017	2017	247,118.65
239610	LGE	9999	0	1991	2016	(39,459.03)
239610	LGE	9999	0	1991	2017	(118,577.52)
239610	LGE	9999	0	1997	2016	(27,783.02)
239610	LGE	9999	0	1997	2017	(20,453.37)
239610	LGE	9999	0	1999	2016	(22,941.42)
239610	LGE	9999	0	1999	2017	(47,821.32)
239610	LGE	9999	0	2000	2017	(19,654.58)
239610	LGE	9999	0	2003	2016	(39,459.03)
239610	LGE	9999	0	2003	2017	(118,577.52)
239610	LGE	9999	0	2003	2016	39,459.03
239610	LGE	9999	0	2003	2017	118,577.52
239610	LGE	9999	0	2005	2016	(83,856.62)
239610	LGE	9999	0	2005	2017	(38,005.77)
239610	LGE	9999	0	2009	2017	(37,337.36)
239610	LGE	9999	6	2016	2016	(3,085.30)
239610	LGE	9999	9	2015	2016	199,258.69
239610	LGE	9999	9	2016	2016	363,600.71
239610	LGE	9999	9	2016	2017	283,835.10
239610	LGE	9999	9	2017	2017	161,598.33
330300	LGE	9999	0	2006	2016	(4,372.20)
330300	LGE	9999	0	2006	2016	4,372.20
330300	LGE	9999	0	2007	2016	(387,552.85)
330300	LGE	9999	0	2007	2016	387,552.85
330300	LGE	9999	0	2008	2016	(245,197.46)
330300	LGE	9999	0	2008	2016	(4,372.20)
330300	LGE	9999	0	2008	2016	(387,552.85)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
330300	LGE	9999	0	2008	2016	(396,074.60)
330300	LGE	9999	0	2009	2016	(6,776.25)
330300	LGE	9999	0	2010	2016	(398,420.58)
330300	LGE	9999	0	2011	2016	(6,063,333.32)
330300	LGE	9999	0	2011	2016	396,074.60
330300	LGE	9999	0	2012	2017	(8,008,540.69)
330300	LGE	9999	7	2014	2016	(848,060.56)
330300	LGE	9999	7	2015	2016	(8,413,714.11)
330300	LGE	9999	7	2015	2017	(232,553.24)
330300	LGE	9999	7	2016	2016	7,463,269.53
330300	LGE	9999	7	2016	2017	(6,377,484.17)
330300	LGE	9999	7	2017	2017	8,146,194.75
330300	LGE	9999	9	2015	2016	805,624.07
330300	LGE	9999	9	2015	2017	785,285.70
330300	LGE	9999	9	2016	2016	11,923,405.22
330300	LGE	9999	9	2016	2017	43,796.38
330300	LGE	9999	9	2017	2017	8,579,963.64
330310	LGE	9999	7	2017	2017	11,352,680.05
338920	LGE	9999	6	1986	2016	(202,094.94)
339010	LGE	9999	0	1983	2017	(60,682.27)
339010	LGE	9999	0	1984	2016	(30,006.68)
339010	LGE	9999	0	1984	2017	(194,404.44)
339010	LGE	9999	0	1987	2016	(12,178.23)
339010	LGE	9999	0	1987	2017	(74,057.65)
339010	LGE	9999	0	1987	2017	60,682.27
339010	LGE	9999	0	1991	2017	(407.80)
339010	LGE	9999	0	1992	2016	(58,150.89)
339010	LGE	9999	0	1992	2017	(194,404.44)
339010	LGE	9999	0	1992	2016	30,006.68
339010	LGE	9999	0	1992	2017	194,404.44
339010	LGE	9999	0	1993	2017	(1,919.26)
339010	LGE	9999	0	1994	2016	(20,748.14)
339010	LGE	9999	0	1994	2017	(20,647.15)
339010	LGE	9999	0	1995	2016	(2,608.54)
339010	LGE	9999	0	1995	2017	(60,300.30)
339010	LGE	9999	0	1996	2017	(12,218.68)
339010	LGE	9999	0	1998	2016	(667.75)
339010	LGE	9999	0	1998	2017	(2,848.75)
339010	LGE	9999	0	1999	2017	(235,602.61)
339010	LGE	9999	0	2000	2017	(36,790.96)
339010	LGE	9999	0	2003	2016	(19,787.50)
339010	LGE	9999	0	2004	2017	(9,569.02)
339010	LGE	9999	0	2005	2016	(15,084.74)
339010	LGE	9999	0	2007	2016	(18,358.93)
339010	LGE	9999	0	2007	2017	(57,128.56)
339010	LGE	9999	0	2008	2016	(77,355.37)
339010	LGE	9999	0	2012	2017	(9,314.49)
339010	LGE	9999	0	2013	2017	(151,814.34)
339010	LGE	9999	0	2016	2017	(3,781.70)
339010	LGE	9999	6	2013	2016	(12,074.40)
339010	LGE	9999	7	2015	2016	(1,449,127.87)
339010	LGE	9999	7	2015	2017	(171,819.37)
339010	LGE	9999	7	2016	2016	1,986,684.64
339010	LGE	9999	7	2016	2017	(1,986,684.64)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
339010	LGE	9999	7	2017	2017	1,651,319.34
339010	LGE	9999	9	2014	2017	46,932.69
339010	LGE	9999	9	2015	2016	195,020.97
339010	LGE	9999	9	2016	2016	1,802,824.34
339010	LGE	9999	9	2016	2017	403,894.39
339010	LGE	9999	9	2017	2017	2,137,395.93
339030	LGE	9999	0	1948	2016	(848.47)
339030	LGE	9999	0	1948	2017	(924.47)
339030	LGE	9999	0	1961	2017	(924.47)
339030	LGE	9999	0	1961	2017	924.47
339030	LGE	9999	0	1964	2017	(583.31)
339030	LGE	9999	0	1969	2016	(848.47)
339030	LGE	9999	0	1969	2016	848.47
339030	LGE	9999	0	1983	2016	(102.38)
339030	LGE	9999	0	1988	2016	(80,159.43)
339030	LGE	9999	0	1988	2017	(5,178.05)
339030	LGE	9999	0	1998	2017	(62,717.46)
339030	LGE	9999	6	1986	2016	202,094.94
339030	LGE	9999	7	2017	2017	16,390.00
339060	LGE	9999	0	1970	2017	(1,573.96)
339060	LGE	9999	0	1971	2017	(1,573.96)
339060	LGE	9999	0	1971	2017	1,573.96
339060	LGE	9999	0	1972	2017	(343.00)
339060	LGE	9999	0	1973	2017	(343.06)
339060	LGE	9999	0	1973	2017	343.00
339060	LGE	9999	9	2015	2016	22,809.19
339110	LGE	9999	0	1996	2016	(146,305.31)
339110	LGE	9999	0	1997	2017	(97,474.13)
339110	LGE	9999	0	2000	2017	(27,441.51)
339110	LGE	9999	0	2002	2016	(2,083.29)
339110	LGE	9999	0	2003	2016	(631.50)
339110	LGE	9999	0	2003	2017	(58,661.87)
339110	LGE	9999	0	2007	2017	(3,371.48)
339110	LGE	9999	0	2010	2017	(1,672.95)
339110	LGE	9999	0	2012	2017	(30,229.22)
339110	LGE	9999	7	2014	2016	(6,136.10)
339110	LGE	9999	7	2015	2016	(116,175.29)
339110	LGE	9999	7	2015	2017	(17,875.26)
339110	LGE	9999	7	2016	2016	232,609.51
339110	LGE	9999	7	2016	2017	(232,609.51)
339110	LGE	9999	7	2017	2017	95,673.91
339110	LGE	9999	9	2014	2017	29,324.63
339110	LGE	9999	9	2015	2016	69,921.85
339110	LGE	9999	9	2015	2017	14,156.79
339110	LGE	9999	9	2016	2016	561,585.13
339110	LGE	9999	9	2016	2017	1,801.29
339110	LGE	9999	9	2017	2017	816,439.29
339120	LGE	9999	0	2004	2016	(52,535.31)
339120	LGE	9999	0	2007	2016	(69,441.96)
339120	LGE	9999	0	2008	2016	(55,510.18)
339120	LGE	9999	7	2015	2016	(86,771.75)
339120	LGE	9999	7	2015	2017	(17,875.27)
339120	LGE	9999	7	2016	2016	124,762.33
339120	LGE	9999	7	2016	2017	(124,762.33)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
339120	LGE	9999	7	2017	2017	8,441.35
339120	LGE	9999	9	2016	2016	19,036.71
339120	LGE	9999	9	2017	2017	331,110.75
339130	LGE	9999	0	2010	2016	(537,300.50)
339130	LGE	9999	0	2011	2016	(4,312,339.99)
339130	LGE	9999	0	2011	2016	719,474.61
339130	LGE	9999	0	2012	2017	(4,080,319.30)
339130	LGE	9999	0	2012	2016	(182,046.78)
339130	LGE	9999	0	2013	2016	(127.33)
339130	LGE	9999	7	2014	2016	(515,191.30)
339130	LGE	9999	7	2015	2016	(3,077,804.86)
339130	LGE	9999	7	2015	2017	(714,972.99)
339130	LGE	9999	7	2016	2016	3,125,192.71
339130	LGE	9999	7	2016	2017	(2,985,936.78)
339130	LGE	9999	7	2017	2017	60,993.53
339130	LGE	9999	9	2014	2017	422,356.05
339130	LGE	9999	9	2015	2016	865,221.46
339130	LGE	9999	9	2016	2016	2,967,692.36
339130	LGE	9999	9	2017	2017	4,257,126.33
339131	LGE	9999	0	2011	2016	(640,900.54)
339131	LGE	9999	0	2012	2016	(587,605.04)
339131	LGE	9999	0	2013	2017	(1,005,087.57)
339131	LGE	9999	7	2014	2016	(1,241.33)
339131	LGE	9999	7	2015	2016	(1,058,801.84)
339131	LGE	9999	7	2016	2016	24,778.11
339131	LGE	9999	7	2016	2017	(24,778.11)
339131	LGE	9999	7	2017	2017	7,289.68
339131	LGE	9999	9	2015	2016	5,424.08
339131	LGE	9999	9	2016	2016	1,268,303.24
339131	LGE	9999	9	2017	2017	1,687,542.17
339140	LGE	9999	0	2006	2016	(6,516.09)
339140	LGE	9999	7	2016	2016	289,890.58
339140	LGE	9999	7	2016	2017	(289,890.58)
339140	LGE	9999	9	2016	2016	10,108.25
339200	LGE	9999	0	2008	2017	(20,757.36)
339220	LGE	9999	0	1988	2016	(7,703.58)
339220	LGE	9999	0	1996	2017	(13,783.47)
339220	LGE	9999	0	1997	2017	(13,783.47)
339220	LGE	9999	0	1997	2017	13,783.47
339220	LGE	9999	9	2017	2017	38,564.45
339300	LGE	9999	7	2015	2016	(27,024.46)
339300	LGE	9999	9	2016	2016	4,257.14
339400	LGE	9999	6	2013	2016	(2,817.36)
339400	LGE	9999	7	2014	2016	(42,574.97)
339400	LGE	9999	7	2015	2016	(36,058.09)
339400	LGE	9999	7	2016	2016	72,606.32
339400	LGE	9999	7	2016	2017	(72,606.32)
339400	LGE	9999	7	2017	2017	64,303.68
339400	LGE	9999	9	2016	2016	91,776.87
339400	LGE	9999	9	2016	2017	18,450.36
339400	LGE	9999	9	2017	2017	123,368.72
339610	LGE	9999	9	2015	2016	27,024.46
339610	LGE	9999	9	2017	2017	199,130.06
339700	LGE	9999	0	1958	2017	(6,297.22)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
339700	LGE	9999	0	1960	2016	(838.67)
339700	LGE	9999	0	1960	2017	(31,938.01)
339700	LGE	9999	0	1966	2017	(6,297.22)
339700	LGE	9999	0	1966	2017	6,297.22
339700	LGE	9999	0	1982	2016	(58,708.70)
339700	LGE	9999	0	1982	2017	(65,405.64)
339700	LGE	9999	0	1983	2016	(838.67)
339700	LGE	9999	0	1983	2017	(31,938.01)
339700	LGE	9999	0	1983	2016	838.67
339700	LGE	9999	0	1983	2017	31,938.01
339700	LGE	9999	0	1984	2016	(3,138.01)
339700	LGE	9999	0	1984	2017	(800.54)
339700	LGE	9999	0	1985	2017	(1,371.79)
339700	LGE	9999	0	1985	2017	(149,928.18)
339700	LGE	9999	0	1987	2017	(1,371.79)
339700	LGE	9999	0	1987	2017	1,371.79
339700	LGE	9999	0	1988	2017	(149,928.18)
339700	LGE	9999	0	1988	2017	149,928.18
339700	LGE	9999	0	1991	2016	(2,172.83)
339700	LGE	9999	0	1993	2016	(3,508.21)
339700	LGE	9999	0	1995	2017	(1,267,864.75)
339700	LGE	9999	0	1997	2016	(122,031.28)
339700	LGE	9999	0	1997	2017	(38,678.24)
339700	LGE	9999	0	1998	2017	(17,931.77)
339700	LGE	9999	0	1999	2016	(51,024.64)
339700	LGE	9999	0	1999	2017	(35,538.07)
339700	LGE	9999	0	1999	2016	(956,090.21)
339700	LGE	9999	0	1999	2016	(1,240,582.92)
339700	LGE	9999	0	2000	2016	(4,439,701.74)
339700	LGE	9999	0	2000	2016	956,090.21
339700	LGE	9999	0	2001	2016	(2,475,458.95)
339700	LGE	9999	0	2001	2017	(13,826.31)
339700	LGE	9999	0	2001	2016	1,240,582.92
339700	LGE	9999	0	2003	2016	(2,768,212.68)
339700	LGE	9999	0	2003	2016	(33,496.12)
339700	LGE	9999	0	2004	2016	(33,496.12)
339700	LGE	9999	0	2004	2016	33,496.12
339700	LGE	9999	0	2005	2016	(111,602.48)
339700	LGE	9999	0	2006	2016	(111,602.48)
339700	LGE	9999	0	2006	2016	111,602.48
339700	LGE	9999	0	2007	2017	(465,461.90)
339700	LGE	9999	0	2008	2017	(8,683.11)
339700	LGE	9999	7	2014	2016	(406,168.36)
339700	LGE	9999	7	2015	2016	(3,138,587.80)
339700	LGE	9999	7	2015	2017	(88,363.68)
339700	LGE	9999	7	2016	2016	2,516,634.10
339700	LGE	9999	7	2016	2017	(2,516,634.10)
339700	LGE	9999	7	2017	2017	441,455.27
339700	LGE	9999	9	2015	2016	60,591.81
339700	LGE	9999	9	2015	2017	49,449.93
339700	LGE	9999	9	2016	2016	3,474,146.44
339700	LGE	9999	9	2016	2017	2,586,022.06
339700	LGE	9999	9	2017	2017	523,827.81
339710	LGE	9999	0	1975	2016	(293.80)

Acct #	Company	Location Code	Trans Code	Vintage Yr	Class Yr	Total
339710	LGE	9999	0	1975	2017	(6,626.40)
339710	LGE	9999	0	1987	2016	(53,836.49)
339710	LGE	9999	0	1988	2016	(3,314.77)
339710	LGE	9999	0	1989	2016	(4,396.70)
339710	LGE	9999	0	1991	2016	(10,203.48)
339710	LGE	9999	0	1994	2016	(3,806.56)
339710	LGE	9999	0	1995	2016	(5,757.70)
339710	LGE	9999	0	1998	2016	(7,177.01)
339710	LGE	9999	0	2000	2016	(3,218,356.08)
339710	LGE	9999	0	2002	2016	(67,621.24)
339710	LGE	9999	0	2003	2016	(422,522.39)
339710	LGE	9999	0	2004	2016	(28,328.21)
339710	LGE	9999	0	2008	2016	(42,195.22)
339710	LGE	9999	0	2010	2016	(59,759.51)
339710	LGE	9999	0	2011	2016	(42,962.52)
339710	LGE	9999	0	2012	2016	(59,409.80)
339710	LGE	9999	0	2013	2016	(75,497.46)
339710	LGE	9999	7	2015	2016	(1,627,421.28)
339710	LGE	9999	7	2015	2017	(50,678.95)
339710	LGE	9999	7	2016	2016	379,935.12
339710	LGE	9999	7	2016	2017	(347,835.20)
339710	LGE	9999	9	2015	2016	1,554,688.52
339710	LGE	9999	9	2016	2016	49,293.22
339710	LGE	9999	9	2016	2017	79,023.07
339710	LGE	9999	9	2017	2017	658,634.00



**Kentucky Utilities Company**  
**Salvage & Cost of Removal Study 1964 - 2017**

Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
135010	1964	1,333.00	-	1,082.00	-
135200	1964	1,793.00	-	280.00	150.00
135310	1964	231,784.00	-	68,410.00	9,539.00
135400	1964	653.00	14.00	-	1,053.00
135500	1964	198,776.00	4,907.00	47,357.00	72,947.00
135600	1964	388,995.00	-	90,900.00	133,716.00
135310	1967	145,196.00	-	30,217.00	53,297.00
135500	1967	98,578.00	86,490.00	12,347.00	35,526.00
135600	1967	73,433.00	39,750.00	17,984.00	27,409.00
136100	1967	5,479.00	-	2,444.00	439.00
136200	1967	118,980.00	-	45,347.00	8,749.00
136400	1967	292,808.00	38,461.00	85,765.00	122,035.00
136500	1967	158,615.00	37,623.00	53,601.00	60,770.00
136800	1967	223,524.00	6,343.00	87,217.00	50,028.00
136900	1967	135,454.00	2,643.00	27,615.00	91,234.00
137000	1967	85,265.00	-	3,749.00	7,779.00
137100	1967	61,794.00	375.00	25,316.00	18,727.00
137300	1967	95,525.00	836.00	30,315.00	30,984.00
139010	1967	38,784.00	-	577.00	1,077.00
139110	1967	11,526.00	-	1,197.00	-
139300	1967	120.00	-	-	-
139400	1967	443.00	-	159.00	-
139800	1967	1,311.00	-	562.00	-
135310	1970	62,147.00	-	12,605.00	7,354.00
135400	1970	4,069.00	-	2,189.00	8,375.00
135500	1970	164,297.00	48,575.00	34,212.00	64,582.00
135600	1970	164,675.00	34,358.00	54,236.00	51,686.00
136100	1970	6,918.00	-	2,141.00	1,323.00
136200	1970	152,891.00	-	41,015.00	11,710.00
136400	1970	424,592.00	38,707.00	86,915.00	169,860.00
136500	1970	393,297.00	44,212.00	219,218.00	179,982.00
136700	1970	1,026.00	-	202.00	153.00
136800	1970	429,872.00	28,749.00	73,614.00	102,335.00
136900	1970	156,606.00	3,209.00	30,327.00	107,227.00
137000	1970	135,789.00	-	6,571.00	10,001.00
137100	1970	68,849.00	1,523.00	18,069.00	23,190.00
137300	1970	129,575.00	2,559.00	34,860.00	39,160.00
139010	1970	280.00	-	10.00	130.00
139110	1970	17,525.00	-	862.00	20.00
139400	1970	154.00	-	-	-
139500	1970	226.00	-	2.00	-
139800	1970	1,590.00	-	100.00	-
135010	1975	32,928.00	2,050.00	3.00	8,138.00
135310	1975	229,655.00	-	14,319.00	6,280.00
135400	1975	46,976.00	-	3,522.00	3,825.00
135500	1975	446,074.00	51,896.00	64,103.00	6,694.00
135600	1975	413,601.00	77,727.00	91,140.00	129,292.00
136010	1975	575.00	-	158.00	1,713.00
136100	1975	2,564.00	-	1,132.00	501.00
136200	1975	104,999.00	101.00	40,083.00	14,223.00
136400	1975	410,684.00	28,582.00	110,731.00	156,725.00
136500	1975	374,260.00	43,863.00	121,050.00	174,975.00
136700	1975	23,964.00	-	11,249.00	6,305.00
136800	1975	450,846.00	9,617.00	120,843.00	63,529.00
136900	1975	181,496.00	326.00	34,356.00	93,941.00

**Kentucky Utilities Company**  
**Salvage & Cost of Removal Study 1964 - 2017**

Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
137000	1975	223,806.00	-	1,929.00	3,359.00
137100	1975	120,781.00	1,145.00	43,854.00	35,925.00
137300	1975	110,142.00	724.00	35,778.00	29,667.00
139010	1975	7,364.00	-	3,444.00	611.00
139110	1975	49,443.00	-	17,338.00	7,307.00
139400	1975	19,568.00	-	4,790.00	294.00
139500	1975	31,429.00	-	6,953.00	472.00
139800	1975	30,899.00	-	15,687.00	464.00
135010	1977	4,315.00	-	-	87.00
135310	1977	42,471.00	-	29,347.00	10,018.00
135500	1977	53,762.00	83,306.00	9,758.00	2,260.00
135600	1977	90,929.00	239,514.00	47,915.00	28,342.00
136200	1977	104,994.00	-	79,106.00	9,677.00
136400	1977	316,551.00	44,632.00	89,528.00	113,887.00
136500	1977	258,930.00	29,953.00	116,493.00	131,168.00
136600	1977	22.00	-	1.00	10.00
136700	1977	15,178.00	1,835.00	4,515.00	2,832.00
136800	1977	358,136.00	6,015.00	106,006.00	48,244.00
136900	1977	227,128.00	1,372.00	40,003.00	126,571.00
137000	1977	500,921.00	-	121,165.00	10,166.00
137100	1977	144,435.00	562.00	54,040.00	53,756.00
137300	1977	150,256.00	1,618.00	43,193.00	44,273.00
139010	1977	3,394.00	-	-	68.00
139110	1977	21,953.00	-	1,968.00	445.00
139400	1977	1,705.00	-	-	36.00
139500	1977	9,090.00	3,383.00	-	184.00
139700	1977	10,742.00	-	-	218.00
139800	1977	3,857.00	-	85.00	-
135010	1979	756.00	-	-	-
135200	1979	679.00	-	523.00	609.00
135310	1979	92,234.00	-	76,610.00	17,103.00
135400	1979	15,270.00	11,449.00	5,062.00	16,037.00
135500	1979	99,941.00	1,582.00	22,289.00	29,625.00
135600	1979	151,225.00	2,452.00	70,720.00	55,457.00
136100	1979	2,305.00	-	2,062.00	20.00
136200	1979	213,082.00	41,734.00	94,763.00	7,088.00
136400	1979	420,449.00	4,163.00	35,377.00	192,722.00
136500	1979	366,868.00	5,131.00	173,586.00	219,222.00
136600	1979	977.00	-	-	14.00
136700	1979	14,210.00	-	3,901.00	2,584.00
136800	1979	473,511.00	8,333.00	124,035.00	72,281.00
136900	1979	239,255.00	309.00	74,267.00	148,144.00
137000	1979	204,618.00	-	8,059.00	-
137100	1979	190,150.00	182.00	44,512.00	86,365.00
137300	1979	129,621.00	-	66,181.00	43,165.00
139010	1979	26,369.00	-	-	1,846.00
139110	1979	28,434.00	-	1,816.00	-
139300	1979	110.00	-	-	-
139400	1979	3,957.00	-	200.00	-
139500	1979	1,161.00	-	-	-
139800	1979	1,058.00	-	70.00	-
135310	1980	86,293.00	-	22,510.00	7,900.00
135400	1980	3,393.00	-	2,471.00	3,724.00
135500	1980	158,983.00	3,647.00	47,152.00	159,297.00
135600	1980	154,215.00	622.00	75,871.00	158,423.00

**Kentucky Utilities Company  
Salvage & Cost of Removal Study 1964 - 2017**

Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
136100	1980	2,419.00	-	985.00	723.00
136200	1980	125,204.00	-	75,283.00	24,636.00
136400	1980	483,167.00	4,555.00	142,257.00	255,275.00
136500	1980	415,150.00	3,210.00	202,866.00	288,357.00
136600	1980	184.00	-	-	3.00
136700	1980	18,294.00	-	5,911.00	2,132.00
136800	1980	669,528.00	4,271.00	121,915.00	346,562.00
136900	1980	237,846.00	(223.00)	78,043.00	165,141.00
137000	1980	285,932.00	-	9,428.00	-
137100	1980	219,124.00	(43.00)	45,764.00	105,490.00
137300	1980	207,843.00	30.00	77,422.00	71,007.00
139010	1980	12,474.00	-	-	4,674.00
139110	1980	96,902.00	-	1,017.00	-
139400	1980	4,224.00	-	200.00	-
139700	1980	14,739.00	-	-	-
139800	1980	2,331.00	-	-	-
135200	1981	1,404.00	(46.00)	1,182.00	748.00
135310	1981	129,907.00	-	65,724.00	8,078.00
135500	1981	156,564.00	736.00	22,446.00	57,751.00
135600	1981	250,372.00	780.00	68,770.00	89,201.00
136100	1981	809.00	-	-	-
136200	1981	335,973.00	11,472.00	89,714.00	10,289.00
136400	1981	457,330.00	2,718.00	132,829.00	214,077.00
136500	1981	347,351.00	1,856.00	155,885.00	212,417.00
136700	1981	33,238.00	(385.00)	5,513.00	4,549.00
136800	1981	702,226.00	744.00	108,604.00	120,832.00
136900	1981	252,232.00	(35.00)	71,470.00	181,894.00
137000	1981	234,503.00	-	8,608.00	-
137100	1981	235,389.00	132.00	58,362.00	115,409.00
137300	1981	161,743.00	927.00	79,481.00	60,422.00
139010	1981	12,016.00	1,794.00	-	5,463.00
139110	1981	12,742.00	-	959.00	-
139400	1981	702.00	-	-	-
139500	1981	1,784.00	-	-	-
139700	1981	198,755.00	-	-	-
139800	1981	1,439.00	-	-	-
135200	1982	1,759.00	-	720.00	806.00
135310	1982	183,882.00	157,820.00	67,189.00	21,691.00
135400	1982	7,904.00	-	-	168.00
135500	1982	144,181.00	(312.00)	14,041.00	74,982.00
135600	1982	76,509.00	(491.00)	25,912.00	42,579.00
136200	1982	92,238.00	-	54,067.00	11,896.00
136400	1982	538,296.00	1,247.00	154,598.00	284,667.00
136500	1982	447,457.00	2,016.00	220,895.00	297,208.00
136700	1982	16,079.00	448.00	4,253.00	1,522.00
136800	1982	693,889.00	1,435.00	139,367.00	115,311.00
136900	1982	226,000.00	(29.00)	53,548.00	163,301.00
137000	1982	237,478.00	-	7,561.00	-
137100	1982	240,982.00	19.00	55,005.00	125,121.00
137300	1982	245,133.00	(343.00)	159,292.00	63,019.00
139010	1982	5,437.00	-	-	2,000.00
139110	1982	16,411.00	-	2,164.00	-
139400	1982	4,552.00	-	75.00	-
139700	1982	2,898.00	-	-	-
139800	1982	4,289.00	-	367.00	-

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135200	1985	2,967.00	-	356.00	6,845.00
135310	1985	217,959.00	-	17,298.00	29,125.00
135400	1985	7,239.00	-	604.00	10,771.00
135500	1985	295,387.00	124,940.00	21,727.00	195,597.00
135600	1985	271,431.00	163,578.00	38,094.00	241,007.00
136100	1985	423.00	-	46.00	23.00
136200	1985	326,963.00	704.00	252,702.00	14,394.00
136400	1985	571,087.00	161,946.00	106,240.00	368,139.00
136500	1985	413,733.00	88,257.00	174,340.00	392,771.00
136700	1985	28,973.00	25,231.00	4,448.00	3,253.00
136800	1985	896,089.00	45,004.00	157,649.00	142,332.00
136900	1985	307,193.00	2,820.00	50,161.00	189,913.00
137000	1985	209,213.00	70.00	6,350.00	130.00
137100	1985	236,086.00	6,013.00	42,899.00	149,431.00
137300	1985	301,872.00	48,991.00	92,393.00	73,434.00
139010	1985	2,780.00	6,736.00	-	-
139110	1985	1,361,408.00	-	810.00	-
139300	1985	48,944.00	-	-	-
139400	1985	119,753.00	-	-	-
139500	1985	170,233.00	-	-	-
139700	1985	166,399.00	-	-	-
139800	1985	190,035.00	-	1,000.00	-
135200	1986	123.00	-	-	-
135310	1986	83,514.00	100,254.00	20,030.00	28,837.00
135400	1986	18,776.00	-	14,112.00	6,598.00
135500	1986	195,216.00	57,114.00	44,998.00	162,611.00
135600	1986	168,572.00	24,668.00	125,859.00	103,081.00
136010	1986	52.00	-	-	-
136100	1986	4,608.00	-	1,688.00	3,803.00
136200	1986	190,339.00	19,001.00	24,533.00	33,002.00
136400	1986	842,348.00	161,302.00	109,923.00	477,159.00
136500	1986	494,268.00	114,220.00	169,442.00	452,618.00
136600	1986	3,615.00	-	201.00	630.00
136700	1986	46,524.00	20,433.00	5,792.00	7,827.00
136800	1986	1,749,115.00	46,749.00	223,414.00	974,420.00
136900	1986	400,742.00	3,101.00	51,735.00	259,211.00
137000	1986	140,217.00	1,643.00	415.00	-
137100	1986	268,717.00	9,425.00	38,447.00	169,600.00
137300	1986	230,790.00	51,200.00	72,998.00	92,991.00
139010	1986	101,770.00	187,548.00	-	7,729.00
139110	1986	100,359.00	-	-	-
139400	1986	4,839.00	-	-	-
139700	1986	2,454.00	-	-	899.00
139800	1986	2,233.00	-	-	-
135200	1987	2,832.00	-	50.00	1,256.00
135310	1987	315,181.00	297,292.00	49,454.00	15,504.00
135500	1987	457,818.00	52,789.00	51,935.00	338,082.00
135600	1987	376,013.00	48,872.00	74,410.00	268,761.00
136010	1987	10,422.00	-	5,211.00	-
136100	1987	11,848.00	-	2,266.00	1,210.00
136200	1987	285,835.00	-	226,075.00	21,026.00
136400	1987	755,330.00	229,120.00	126,666.00	593,598.00
136500	1987	707,438.00	89,532.00	201,963.00	435,605.00
136700	1987	89,465.00	46,953.00	19,936.00	10,081.00
136800	1987	1,032,838.00	52,688.00	154,680.00	145,410.00

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136900	1987	383,791.00	1,058.00	51,273.00	138,457.00
137000	1987	392,164.00	865.00	647.00	113.00
137100	1987	229,847.00	6,526.00	31,275.00	20,932.00
137300	1987	514,814.00	176,433.00	104,654.00	44,409.00
139010	1987	98,206.00	-	48,102.00	344.00
139110	1987	39,107.00	-	1,000.00	-
139400	1987	2,987.00	-	2,987.00	-
139700	1987	430.00	-	-	21.00
139800	1987	12,021.00	-	-	-
131100	1988	6,045.00	-	-	-
131200	1988	5,472,744.00	-	85,506.00	(33,162.00)
131600	1988	7,815.00	-	100.00	-
135200	1988	2,848.00	-	-	236.00
135310	1988	664,658.00	117,658.00	79,164.00	20,376.00
135320	1988	3,556.00	-	-	920.00
135400	1988	27,311.00	-	-	(18.00)
135500	1988	604,760.00	295,691.00	(22,884.00)	70,631.00
135600	1988	449,663.00	243,529.00	(9,064.00)	34,559.00
136010	1988	1,881.00	-	45.00	544.00
136100	1988	18,270.00	-	213.00	3,928.00
136200	1988	451,776.00	88,395.00	18,242.00	30,717.00
136400	1988	1,037,016.00	356,886.00	974,976.00	523,401.00
136500	1988	767,896.00	196,976.00	155,148.00	395,093.00
136700	1988	87,088.00	51,322.00	3,342.00	11,885.00
136800	1988	2,062,556.00	46,562.00	130,895.00	76,847.00
136900	1988	377,190.00	1,062.00	51,803.00	119,253.00
137000	1988	373,675.00	2,515.00	4,056.00	4,471.00
137100	1988	262,863.00	949.00	45,433.00	21,093.00
137300	1988	728,697.00	60,318.00	75,076.00	40,164.00
139010	1988	193,975.00	59,551.00	-	49.00
139110	1988	59,395.00	-	-	-
139300	1988	2,672.00	-	-	-
139400	1988	11,273.00	-	(179.00)	(338.00)
139500	1988	555.00	-	-	-
139700	1988	2,514.00	114.00	-	-
139800	1988	15,695.00	-	-	-
131100	1989	2,547.00	-	-	-
131200	1989	140,477.00	-	-	-
131600	1989	20,616.00	-	4,480.00	-
133400	1989	3,316.00	-	-	-
135200	1989	4,278.00	-	-	1,477.00
135310	1989	139,315.00	94,849.00	16,568.00	21,617.00
135320	1989	1,138.00	-	-	177.00
135400	1989	-	-	-	-
135500	1989	208,004.00	116,855.00	14,916.00	153,267.00
135600	1989	109,255.00	164,896.00	16,616.00	28,945.00
136100	1989	98.00	-	164.00	74.00
136200	1989	195,083.00	88,345.00	55,356.00	51,602.00
136400	1989	809,610.00	494,956.00	95,316.00	629,908.00
136500	1989	679,291.00	289,737.00	228,647.00	511,936.00
136600	1989	237.00	103.00	22.00	-
136700	1989	62,027.00	72,494.00	8,217.00	18,853.00
136800	1989	1,044,857.00	157,063.00	196,514.00	174,951.00
136900	1989	439,585.00	4,439.00	66,296.00	158,123.00
137000	1989	501,612.00	1,493.00	305.00	2,529.00

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137100	1989	309,615.00	1,153.00	65,931.00	29,910.00
137300	1989	253,608.00	64,537.00	69,857.00	45,668.00
139010	1989	12,034.00	-	-	-
139110	1989	90,163.00	-	650.00	-
139300	1989	302.00	-	-	-
139400	1989	8,876.00	-	1,100.00	-
139600	1989	7,752.00	-	-	-
139700	1989	2,407.00	-	-	-
139800	1989	2,834.00	-	-	-
131100	1990	54,378.00	-	-	-
131200	1990	139,953.00	-	-	-
131600	1990	4,249,398.00	-	164,118.00	-
133100	1990	242.00	-	-	4,092.00
133500	1990	63.00	-	-	-
135010	1990	643.00	-	-	-
135200	1990	2,315.00	35.00	236.00	1,371.00
135310	1990	1,671,727.00	689,869.00	41,275.00	44,364.00
135400	1990	66,666.00	43,902.00	3,036.00	53,275.00
135500	1990	384,788.00	268,739.00	97,256.00	293,719.00
135600	1990	445,041.00	410,017.00	116,469.00	215,298.00
136100	1990	893.00	-	495.00	1,874.00
136200	1990	208,500.00	-	200,606.00	48,826.00
136400	1990	864,023.00	577,775.00	88,594.00	659,027.00
136500	1990	736,941.00	423,614.00	221,662.00	513,438.00
136700	1990	51,317.00	67,295.00	15,279.00	9,267.00
136800	1990	1,002,515.00	130,073.00	154,198.00	187,079.00
136900	1990	462,827.00	5,731.00	64,498.00	202,367.00
137000	1990	712,412.00	950.00	2,587.00	5,649.00
137100	1990	320,943.00	765.00	70,183.00	35,677.00
137300	1990	426,617.00	81,933.00	126,315.00	74,312.00
139010	1990	6,272.00	-	-	1,870.00
139110	1990	73,571.00	-	53.00	-
139400	1990	3,889.00	525.00	-	-
139500	1990	624.00	-	463.00	-
139700	1990	256.00	-	-	-
139800	1990	1,711.00	-	-	-
131500	1991	6,329.00	-	-	-
131600	1991	4,929.00	-	-	-
135200	1991	1,153.00	-	53.00	3,350.00
135310	1991	49,294.00	-	17,144.00	9,914.00
135320	1991	214.00	-	127.00	6.00
135400	1991	47,110.00	-	25,939.00	22,658.00
135500	1991	188,629.00	187,355.00	30,560.00	166,567.00
135600	1991	93,074.00	81,622.00	14,823.00	44,036.00
136100	1991	11,463.00	-	2,874.00	2,254.00
136200	1991	165,021.00	123,276.00	35,537.00	39,479.00
136400	1991	1,982,061.00	358,660.00	882,595.00	697,964.00
136500	1991	615,033.00	197,815.00	180,149.00	451,911.00
136700	1991	121,385.00	65,520.00	4,304.00	7,354.00
136800	1991	1,195,341.00	89,709.00	105,455.00	149,553.00
136900	1991	425,223.00	3,620.00	55,234.00	210,200.00
137000	1991	495,375.00	768.00	258.00	534.00
137100	1991	348,824.00	8,785.00	56,719.00	42,030.00
137300	1991	361,654.00	84,672.00	96,301.00	147,907.00
139010	1991	11,957.00	-	-	219.00

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139110	1991	10,542.00	65.00	13.00	57.00
139400	1991	16,283.00	-	-	-
139700	1991	1,019.00	-	-	220.00
139800	1991	522.00	-	-	-
131200	1992	3,381,168.00	-	2,358.00	126,229.00
131600	1992	55,521.00	-	-	958.00
133300	1992	1,109.00	-	-	-
133500	1992	1,347.00	-	-	-
135200	1992	3,413.00	-	-	1,479.00
135310	1992	37,025.00	21,268.00	11,348.00	14,796.00
135320	1992	2,236.00	-	-	-
135500	1992	211,558.00	349,634.00	31,821.00	216,832.00
135600	1992	115,355.00	389,835.00	31,133.00	88,985.00
136100	1992	4,137.00	-	177.00	1,709.00
136200	1992	80,345.00	99,976.00	24,769.00	31,926.00
136400	1992	2,130,301.00	434,685.00	891,619.00	853,897.00
136500	1992	773,048.00	249,173.00	235,040.00	518,555.00
136700	1992	3,940.00	16,182.00	12,461.00	8,736.00
136800	1992	691,546.00	89,392.00	123,963.00	142,294.00
136900	1992	345,933.00	3,400.00	55,236.00	222,067.00
137000	1992	148,022.00	4,347.00	238.00	3,236.00
137100	1992	428,381.00	12,892.00	55,800.00	51,052.00
137300	1992	313,108.00	92,413.00	62,546.00	154,828.00
139010	1992	4,992.00	-	-	2,074.00
139110	1992	11,425.00	-	1,050.00	(23.00)
139400	1992	4,895.00	-	-	-
139500	1992	561.00	-	-	-
139700	1992	2,555.00	-	1.00	-
139800	1992	5,823.00	-	-	-
131100	1993	-	-	-	-
131200	1993	73,171.00	(239,135.17)	36,144.80	586,475.23
131400	1993	-	-	-	-
131500	1993	37,232.00	(396,747.80)	-	74,357.94
131600	1993	11,206.00	(5,039.62)	42,673.02	382.64
133100	1993	-	-	-	-
133200	1993	-	-	-	-
133300	1993	-	-	-	-
133400	1993	-	-	-	-
133500	1993	-	-	-	-
134000	1993	-	-	-	-
134010	1993	-	-	-	-
134100	1993	-	-	-	-
134200	1993	-	-	-	-
134300	1993	-	-	-	-
134400	1993	-	-	-	-
134500	1993	-	-	-	-
134600	1993	-	-	-	-
135010	1993	-	-	-	-
135020	1993	-	-	-	-
135200	1993	5,528.00	-	1,418.69	14,439.05
135210	1993	-	-	-	-
135220	1993	-	-	-	-
135310	1993	154,863.00	233,428.90	31,668.27	30,251.56
135320	1993	30,267.00	-	13.14	215.54
135400	1993	-	-	-	-

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135500	1993	143,338.00	427,668.84	35,067.09	275,680.43
135600	1993	22,522.00	70,133.79	10,351.45	43,594.35
135800	1993	-	-	-	-
136010	1993	-	-	-	-
136100	1993	9,409.00	-	2,177.47	2,995.55
136200	1993	174,354.00	55,777.29	71,284.57	26,005.54
136400	1993	1,330,114.00	774,589.07	479,511.70	948,478.36
136500	1993	850,626.00	459,874.23	310,969.35	735,220.86
136600	1993	-	-	-	-
136700	1993	108,923.00	118,104.50	18,489.43	29,103.35
136800	1993	847,976.00	99,771.69	132,417.66	273,888.78
136900	1993	1,401.00	107.53	289.35	1,093.93
137000	1993	592,779.00	3,743.88	23,803.93	8,980.32
137100	1993	548,448.00	19,313.41	138,673.20	236,331.96
137300	1993	362,396.00	113,733.76	111,278.26	117,366.49
138920	1993	-	-	-	-
139010	1993	6,108.00	26,411.53	(53.89)	7,896.30
139020	1993	-	-	-	-
139110	1993	6,937.00	1.21	(64.98)	1,835.93
139120	1993	-	-	-	-
139130	1993	-	-	-	-
139140	1993	-	-	-	-
139200	1993	-	-	-	-
139300	1993	-	-	-	-
139400	1993	-	-	-	-
139500	1993	-	-	-	-
139600	1993	-	-	-	-
139700	1993	55,573.00	102.47	(0.10)	15,472.87
139710	1993	-	-	-	-
139720	1993	-	-	-	-
139730	1993	-	-	-	-
139800	1993	17,763.00	-	(649.64)	1,886.18
131100	1994	-	-	-	-
131200	1994	3,105,560.00	-	5,496.38	1,235,480.56
131400	1994	1,285,265.00	-	-	314,381.26
131500	1994	9,852.00	-	-	976.61
131600	1994	24,722.00	-	337.30	41.90
133100	1994	5,131.00	-	-	-
133200	1994	-	-	-	-
133300	1994	-	-	-	-
133400	1994	-	-	-	-
133500	1994	-	-	-	-
134000	1994	-	-	-	-
134010	1994	-	-	-	-
134100	1994	-	-	-	-
134200	1994	-	-	-	-
134300	1994	-	-	-	-
134400	1994	-	-	-	-
134500	1994	-	-	-	-
134600	1994	-	-	-	-
135010	1994	-	-	-	-
135020	1994	-	-	-	-
135200	1994	4,241.00	-	620.65	4,194.57
135210	1994	-	-	-	-
135220	1994	-	-	-	-



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135310	1994	64,157.00	114,968.58	7,481.33	4,745.62
135320	1994	560.00	-	0.14	1.51
135400	1994	-	-	-	-
135500	1994	236,308.00	838,602.00	32,966.64	172,096.43
135600	1994	170,373.00	630,738.45	44,653.24	124,874.24
135800	1994	-	-	-	-
136010	1994	-	-	-	-
136100	1994	16,575.00	-	1,647.44	3,034.50
136200	1994	720,385.00	149,895.96	126,495.76	61,787.41
136400	1994	2,598,859.00	984,385.04	402,384.01	1,065,669.95
136500	1994	1,025,932.00	360,760.34	161,081.32	509,916.64
136600	1994	-	-	-	-
136700	1994	119,096.00	83,993.14	8,682.58	18,298.78
136800	1994	584,476.00	44,729.11	39,199.15	108,557.24
136900	1994	975,551.00	48,702.20	86,533.41	438,028.06
137000	1994	671,459.00	2,758.34	11,580.38	5,849.52
137100	1994	546,944.00	12,527.55	59,394.69	135,528.71
137300	1994	505,530.00	103,193.59	66,668.63	94,147.57
138920	1994	-	-	-	-
139010	1994	149,918.00	101,165.04	28,540.37	2,535.20
139020	1994	-	-	-	-
139110	1994	251,716.00	6.83	50,877.18	871.42
139120	1994	-	-	-	-
139130	1994	-	-	-	-
139140	1994	-	-	-	-
139200	1994	-	-	-	-
139300	1994	-	-	-	-
139400	1994	18,147.00	44.38	12,363.59	-
139500	1994	29,864.00	453.02	15,567.84	93.33
139600	1994	19,123.00	-	-	-
139700	1994	26,544.00	7.64	1.05	96.67
139710	1994	-	-	-	-
139720	1994	-	-	-	-
139730	1994	-	-	-	-
139800	1994	22,401.00	-	17,676.88	31.11
131100	1995	86,278.00	2,930.43	-	10,004.55
131200	1995	2,831,089.00	43,821.45	44,495.64	887,354.99
131400	1995	1,942,977.00	110,477.48	-	374,437.65
131500	1995	145,075.00	7,321.83	-	11,330.18
131600	1995	52,493.00	111.81	6,360.06	70.09
133100	1995	112.00	-	-	-
133200	1995	-	-	-	-
133300	1995	-	-	-	-
133400	1995	-	-	-	-
133500	1995	-	-	-	-
134000	1995	-	-	-	-
134010	1995	-	-	-	-
134100	1995	-	-	-	-
134200	1995	-	-	-	-
134300	1995	-	-	-	-
134400	1995	-	-	-	-
134500	1995	-	-	-	-
134600	1995	-	-	-	-
135010	1995	1.00	0.14	0.01	0.37
135020	1995	-	-	-	-

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
135200	1995	4,270.00	-	258.10	5,441.20
135210	1995	-	-	-	-
135220	1995	-	-	-	-
135310	1995	467,663.00	297,440.17	22,524.05	44,568.81
135320	1995	908,613.00	-	92.93	3,156.66
135400	1995	-	-	-	-
135500	1995	242,108.00	304,942.61	13,950.32	227,169.30
135600	1995	175,759.00	230,939.18	19,026.05	165,972.73
135800	1995	-	-	-	-
136010	1995	-	-	-	-
136100	1995	9,036.00	-	2,141.71	2,139.97
136200	1995	167,475.00	48,205.99	70,127.64	18,581.57
136400	1995	1,412,233.00	739,970.43	521,425.55	749,106.14
136500	1995	1,017,289.00	494,846.25	380,889.40	654,066.58
136600	1995	-	-	-	-
136700	1995	177,737.00	173,400.45	30,899.93	35,326.43
136800	1995	765,824.00	81,073.37	122,480.49	184,000.12
136900	1995	489,073.00	33,775.21	103,451.19	284,068.22
137000	1995	456,529.00	2,594.32	18,775.86	5,144.77
137100	1995	590,648.00	18,714.48	152,954.21	189,327.71
137300	1995	421,566.00	119,041.14	132,576.98	101,560.48
138920	1995	-	-	-	-
139010	1995	30,624.00	69,152.26	34,237.12	272.99
139020	1995	-	-	-	-
139110	1995	3,512.00	0.32	4,168.66	6.41
139120	1995	-	-	-	-
139130	1995	-	-	-	-
139140	1995	-	-	-	-
139200	1995	-	-	-	-
139300	1995	9,810.00	-	-	-
139400	1995	-	-	-	-
139500	1995	2,806.00	142.44	8,590.09	4.62
139600	1995	-	-	-	-
139700	1995	19,944.00	19.20	4.63	38.29
139710	1995	-	-	-	-
139720	1995	-	-	-	-
139730	1995	-	-	-	-
139800	1995	2,298.00	-	10,649.22	1.68
131100	1996	2,936.00	3,210.08	-	608.66
131200	1996	2,448,557.00	1,220,033.42	25,699.18	1,372,067.41
131400	1996	1,313,231.00	2,403,674.06	-	452,453.89
131500	1996	76,925.00	124,974.87	-	10,740.71
131600	1996	50,369.00	3,453.57	4,075.38	120.24
133100	1996	19,338.00	-	22.64	-
133200	1996	25,343.00	-	29.67	-
133300	1996	2,963.00	-	3.47	-
133400	1996	-	-	-	-
133500	1996	10,618.00	-	12.43	-
134000	1996	-	-	-	-
134010	1996	-	-	-	-
134100	1996	-	-	-	-
134200	1996	-	-	-	-
134300	1996	-	-	-	-
134400	1996	-	-	-	-
134500	1996	-	-	-	-

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
134600	1996	-	-	-	-
135010	1996	361.00	39.93	16.65	136.43
135020	1996	-	-	-	-
135200	1996	6,059.00	-	1,369.50	7,978.63
135210	1996	-	-	-	-
135220	1996	-	-	-	-
135310	1996	195,045.00	97,073.14	35,115.05	19,086.85
135320	1996	(33,863.00)	-	(0.00)	(0.00)
135400	1996	51,557.00	23,180.94	18,784.31	64,498.46
135500	1996	387,362.00	381,789.19	83,463.64	375,593.67
135600	1996	416,487.00	428,232.01	168,592.29	406,425.88
135800	1996	-	-	-	-
136010	1996	2,058.00	-	411.66	264.54
136100	1996	47,792.00	-	4,367.17	7,546.72
136200	1996	914,724.00	137,851.91	147,669.22	67,669.67
136400	1996	2,241,833.00	615,011.17	319,116.95	792,888.13
136500	1996	978,357.00	249,169.58	141,225.32	419,417.57
136600	1996	-	-	-	-
136700	1996	286,239.00	146,208.60	19,185.32	37,933.45
136800	1996	730,803.00	40,506.18	45,060.80	117,074.17
136900	1996	565,520.00	20,447.68	46,118.00	219,012.34
137000	1996	860,313.00	2,559.66	13,641.07	6,464.36
137100	1996	631,349.00	10,473.46	63,032.25	134,935.61
137300	1996	636,371.00	94,083.53	77,156.69	102,221.25
138920	1996	-	-	-	-
139010	1996	702,394.00	4,218.92	224,615.41	6,017.17
139020	1996	-	-	-	-
139110	1996	14,865.00	0.00	5,046.96	26.07
139120	1996	-	-	-	-
139130	1996	-	-	-	-
139140	1996	-	-	-	-
139200	1996	-	-	-	-
139300	1996	789.00	-	-	-
139400	1996	9,658.00	0.21	11,053.00	-
139500	1996	-	-	-	-
139600	1996	-	-	-	-
139700	1996	13,096.00	0.03	0.87	24.16
139710	1996	-	-	-	-
139720	1996	-	-	-	-
139730	1996	-	-	-	-
139800	1996	9,221.00	-	12,222.75	6.49
131100	1997	103,244.00	0.00	-	8,045.59
131200	1997	3,497,148.00	0.00	6,713.12	736,637.27
131400	1997	3,603,445.00	0.00	-	466,686.83
131500	1997	38,297.00	(0.00)	-	2,010.04
131600	1997	244,396.00	0.00	3,616.60	219.31
133100	1997	-	-	-	-
133200	1997	-	-	-	-
133300	1997	1,420.00	-	-	-
133400	1997	-	-	-	-
133500	1997	-	-	-	-
134000	1997	-	-	-	-
134010	1997	-	-	-	-
134100	1997	-	-	-	-
134200	1997	-	-	-	-

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
134300	1997	2,330,051.00	2,330,051.00	-	31,638.00
134400	1997	-	-	-	-
134500	1997	-	-	-	-
134600	1997	-	-	-	-
135010	1997	-	-	-	-
135020	1997	-	-	-	-
135200	1997	4,361.00	-	722.65	7,984.05
135210	1997	-	-	-	-
135220	1997	-	-	-	-
135310	1997	276,887.00	199,073.09	36,559.56	37,911.36
135320	1997	228,557.00	-	64.09	1,140.81
135400	1997	114,123.00	74,124.61	30,483.20	198,492.85
135500	1997	220,947.00	314,586.78	34,901.83	297,851.19
135600	1997	107,536.00	159,726.62	31,913.17	145,896.12
135800	1997	(19.00)	-	-	-
136010	1997	-	-	-	-
136100	1997	21,041.00	-	2,482.04	4,137.86
136200	1997	574,447.00	84,195.42	119,714.53	52,924.99
136400	1997	922,869.00	246,226.94	169,583.52	406,495.31
136500	1997	921,889.00	228,345.29	171,787.21	492,192.20
136600	1997	15.00	0.38	0.41	1.80
136700	1997	212,450.00	105,539.88	18,382.05	35,063.65
136800	1997	2,704,437.00	145,785.26	215,264.52	539,565.88
136900	1997	579,700.00	20,385.21	61,027.10	279,595.86
137000	1997	889,096.00	2,572.71	18,198.59	8,320.02
137100	1997	614,604.00	9,915.89	79,211.04	163,590.96
137300	1997	368,090.00	52,926.48	57,612.17	73,636.25
138920	1997	-	-	-	-
139010	1997	41,337.00	209,775.74	11,792.07	2,761.09
139020	1997	-	-	-	-
139110	1997	522,577.00	106.63	158,273.34	7,145.81
139120	1997	-	-	-	-
139130	1997	-	-	-	-
139140	1997	-	-	-	-
139200	1997	-	-	-	-
139300	1997	22,214.00	-	-	-
139400	1997	97,651.00	1,796.04	99,692.34	-
139500	1997	65,048.00	7,420.68	50,811.23	802.99
139600	1997	48,520.00	-	-	-
139700	1997	932,498.00	2,017.97	55.28	13,414.43
139710	1997	-	-	-	-
139720	1997	-	-	-	-
139730	1997	-	-	-	-
139800	1997	207,935.00	-	245,873.08	1,140.81
131100	1998	32,510.00	(0.00)	-	16,167.17
131200	1998	614,620.00	(0.00)	(14,905.96)	826,171.61
131400	1998	210,345.00	0.00	-	173,845.62
131500	1998	-	-	-	-
131600	1998	65,320.00	0.00	(12,212.24)	374.05
133100	1998	-	-	-	-
133200	1998	-	-	-	-
133300	1998	-	-	-	-
133400	1998	-	-	-	-
133500	1998	-	-	-	-
134000	1998	-	-	-	-

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
134010	1998	-	-	-	-
134100	1998	(1,899.00)	(1,899.00)	-	-
134200	1998	(2,644.00)	(2,644.00)	-	-
134300	1998	5,305,522.00	5,305,522.00	-	-
134400	1998	15,381.00	15,381.00	-	-
134500	1998	(10,814.00)	(10,814.00)	-	-
134600	1998	(11,600.00)	(11,600.00)	-	-
135010	1998	(361.00)	(116.98)	(47.98)	(544.92)
135020	1998	-	-	-	-
135200	1998	8,608.00	-	5,606.25	45,273.19
135210	1998	-	-	-	-
135220	1998	-	-	-	-
135310	1998	172,024.00	250,852.55	89,272.03	67,663.97
135320	1998	118,712.00	-	130.82	1,702.22
135400	1998	-	-	-	-
135500	1998	130,720.00	377,497.32	81,157.78	506,238.19
135600	1998	35,818.00	107,905.66	41,777.78	139,602.39
135800	1998	-	-	-	-
136010	1998	-	-	-	-
136100	1998	9,106.00	-	1,111.94	2,360.60
136200	1998	613,457.00	268,819.83	132,340.58	74,504.15
136400	1998	859,407.00	685,540.45	163,476.18	498,999.23
136500	1998	821,160.00	608,106.87	158,398.83	577,922.21
136600	1998	-	-	-	-
136700	1998	217,910.00	323,650.09	19,517.60	47,409.24
136800	1998	464,646.00	74,885.49	38,285.10	122,201.16
136900	1998	512,410.00	53,872.63	55,840.47	325,784.59
137000	1998	1,012,984.00	8,763.62	21,463.65	12,495.80
137100	1998	637,825.00	30,766.40	85,094.97	223,795.30
137300	1998	273,337.00	117,504.94	44,286.42	72,081.13
138920	1998	-	-	-	-
139010	1998	266,661.00	(240,157.83)	(93,487.31)	41,788.29
139020	1998	-	-	-	-
139110	1998	120,647.00	(4.37)	(44,907.21)	3,870.54
139120	1998	-	-	-	-
139130	1998	-	-	-	-
139140	1998	-	-	-	-
139200	1998	-	-	-	-
139300	1998	660.00	-	-	-
139400	1998	12,724.00	(41.53)	(15,964.34)	-
139500	1998	19,679.00	(398.41)	(18,891.69)	569.94
139600	1998	-	-	-	-
139700	1998	108,652.00	(41.73)	(7.92)	3,667.04
139710	1998	-	-	-	-
139720	1998	-	-	-	-
139730	1998	-	-	-	-
139800	1998	10,744.00	-	(15,613.18)	138.29
131100	1999	(5,858.00)	-	-	(1,966.80)
131200	1999	855,983.00	-	5,196.63	776,824.78
131400	1999	152,655.00	-	-	85,179.86
131500	1999	-	-	-	-
131600	1999	111,838.00	-	5,234.10	432.39
133100	1999	-	-	-	-
133200	1999	-	-	-	-
133300	1999	-	-	-	-

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133400	1999	-	-	-	-
133500	1999	-	-	-	-
134000	1999	-	-	-	-
134010	1999	30,272.00	12,989.63	14,570.73	-
134100	1999	857,080.00	367,770.71	412,535.77	-
134200	1999	1,450,751.00	622,513.33	698,285.67	-
134300	1999	2,366,536.00	1,015,474.20	1,139,077.74	-
134400	1999	-	-	-	-
134500	1999	154,075.00	66,113.17	74,160.46	-
134600	1999	182,339.00	78,241.17	87,764.69	-
135010	1999	361.00	11.85	12.15	159.58
135020	1999	-	-	-	-
135200	1999	-	-	-	-
135210	1999	-	-	-	-
135220	1999	-	-	-	-
135310	1999	32,328.00	4,775.07	4,248.07	3,723.80
135320	1999	36,339.00	-	10.14	152.59
135400	1999	18,830.00	2,512.64	5,005.55	27,552.65
135500	1999	357,287.00	104,510.67	56,168.36	405,200.28
135600	1999	190,072.00	58,000.62	56,136.92	216,944.84
135800	1999	-	-	-	-
136010	1999	222.00	-	44.45	30.38
136100	1999	3,132.00	-	286.47	526.50
136200	1999	179,181.00	69,306.08	28,953.96	14,111.29
136400	1999	841,648.00	592,607.18	119,920.45	316,890.93
136500	1999	778,038.00	508,575.16	112,417.04	355,075.52
136600	1999	-	-	-	-
136700	1999	279,756.00	366,758.50	18,768.77	39,467.86
136800	1999	594,542.00	84,578.54	36,694.19	101,394.40
136900	1999	400,211.00	37,139.99	32,668.38	164,998.61
137000	1999	1,258,952.00	9,613.74	19,981.01	10,070.45
137100	1999	555,683.00	23,659.44	55,531.14	126,431.37
137300	1999	787,797.00	298,933.25	95,607.88	134,714.95
138920	1999	-	-	-	-
139010	1999	181,729.00	6,060.92	(168,645.37)	10,207.79
139020	1999	-	-	-	-
139110	1999	140,979.00	0.19	(138,902.80)	1,621.14
139120	1999	-	-	-	-
139130	1999	-	-	-	-
139140	1999	-	-	-	-
139200	1999	-	-	-	-
139300	1999	7,143.00	-	-	-
139400	1999	7,368.00	0.89	(24,469.99)	-
139500	1999	12,282.00	9.21	(31,210.01)	127.50
139600	1999	-	-	-	-
139700	1999	127,560.00	1.81	(24.60)	1,543.14
139710	1999	-	-	-	-
139720	1999	-	-	-	-
139730	1999	-	-	-	-
139800	1999	9,715.00	-	(37,370.19)	44.82
131100	2000	11,626.00	-	-	-
131200	2000	4,074,449.00	-	20,250.00	-
131400	2000	32,604.00	-	-	-
131600	2000	472.00	-	-	-
134400	2000	128,839.00	-	-	-

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135210	2000	2,321.00	-	-	-
135220	2000	427.00	-	-	-
135310	2000	39,477.00	-	-	8,120.00
135320	2000	557,183.00	-	-	-
135500	2000	48,954.00	-	-	-
135600	2000	8,372.00	-	-	79,307.00
136200	2000	20,330.00	-	-	-
136400	2000	809,592.00	-	48,841.00	113,168.00
136500	2000	964,245.00	-	62,850.00	134,146.00
136700	2000	254,398.00	-	27,478.00	10,987.00
136800	2000	383,014.00	-	26,189.00	103,589.00
136900	2000	313,831.00	-	21,133.00	108,245.00
137000	2000	591,264.00	-	-	7,962.00
137100	2000	120,854.00	-	45,756.00	24,817.00
137300	2000	879,354.00	-	110,211.00	93,243.00
139010	2000	32,457.00	-	-	-
139110	2000	115,991.00	-	-	-
139120	2000	1,972,288.00	-	-	-
139200	2000	17,872.00	-	-	-
139300	2000	5,226.00	-	-	-
139400	2000	6,317.00	-	-	-
139500	2000	4,973.00	-	-	-
139600	2000	24,071.00	-	-	-
139710	2000	154,950.00	-	-	-
139720	2000	39,353.00	-	-	-
139730	2000	259,536.00	-	-	-
139800	2000	29,150.00	-	-	-
131100	2001	144,193.00	-	-	33,335.00
131200	2001	2,773,207.00	-	350.00	973,763.00
131400	2001	100,327.00	-	-	27,123.00
131500	2001	16,118.00	-	-	6,569.00
131600	2001	25,187.00	-	-	-
134400	2001	44,894.00	-	-	-
135020	2001	4,252.00	-	-	-
135310	2001	1,974,611.00	-	40,000.00	1,727.00
135500	2001	289,828.00	23,452.00	2,277.00	186,232.00
135600	2001	199,729.00	1,004.47	1,838.00	234,533.00
136100	2001	13,950.00	-	-	-
136200	2001	413,104.00	3,831.00	18,337.00	27,584.00
136400	2001	662,394.00	80,169.00	34,537.00	193,207.51
136500	2001	632,267.00	107,511.00	27,771.00	158,790.51
136700	2001	138,621.00	49,502.00	7,288.00	70,691.00
136800	2001	2,559,948.00	21,218.00	28,713.00	336,354.36
136900	2001	114,753.00	-	7,264.00	41,683.00
137100	2001	75,007.00	-	12,686.00	16,851.00
137300	2001	384,843.00	-	53,491.00	48,267.62
138920	2001	629,730.00	629,730.00	-	-
139010	2001	3,816,682.00	2,640,441.00	-	40,154.00
139020	2001	2,662.00	-	-	-
139110	2001	130,204.00	-	-	-
139120	2001	2,096,581.00	-	-	-
139200	2001	939,069.00	-	-	-
139300	2001	54,659.00	-	-	-
139400	2001	5,125.00	-	-	-
139500	2001	7,445.00	-	-	-

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
139710	2001	41,218.00	-	-	-
139800	2001	56,191.00	-	-	-
131100	2002	2,737,193.00	241,345.00	-	20,477.00
131200	2002	6,669,047.00	842,803.00	-	47,752.00
131400	2002	2,170,155.00	314,790.00	-	42,556.00
131500	2002	513,319.00	64,999.00	-	-
131600	2002	206,066.00	23,399.00	-	-
135310	2002	12,798.00	-	-	7,990.00
135400	2002	20,206.00	-	-	54,410.00
135500	2002	39,323.00	273,692.00	17,174.00	58,921.00
135600	2002	32,589.00	-	7,007.00	88,020.00
136100	2002	1,055.00	-	-	826.00
136200	2002	493,067.00	-	2,776.00	12,926.00
136400	2002	376,388.00	-	29,079.00	193,663.00
136500	2002	203,570.00	1,531.00	25,359.00	146,866.00
136700	2002	46,298.00	31.00	3,512.00	10,315.00
136800	2002	690,258.00	217.00	50,603.00	413,253.00
136900	2002	62,090.00	115,553.00	18,625.00	54,657.00
137000	2002	8,955.00	-	-	-
137100	2002	34,007.00	-	8,472.00	11,367.00
137300	2002	192,809.00	417.00	86,227.00	72,178.00
139110	2002	203,016.00	-	-	-
139120	2002	1,933,397.00	-	-	-
139140	2002	163,668.00	-	-	-
139200	2002	3,936,032.00	-	112,442.00	75,837.00
139710	2002	748,582.00	-	-	-
131200	2003	3,081,491.70	-	-	1,016,856.13
131400	2003	3,275,422.07	-	61,336.50	878,305.57
131500	2003	836.06	-	-	-
131700	2003	0.08	-	-	-
134300	2003	1,776,053.64	-	-	-
135210	2003	5,126.13	-	-	1,335.18
135220	2003	16,626.11	-	-	-
135310	2003	352,645.29	-	-	45,907.42
135400	2003	12,755.21	159,168.45	-	-
135500	2003	311,868.43	1,078,629.84	106,620.28	120,822.08
135600	2003	233,242.91	557,253.57	7,397.00	95,840.32
136100	2003	1,926.31	-	-	2,357.98
136200	2003	73,468.79	-	-	25,875.35
136400	2003	329,129.29	257,012.24	7,183.24	136,497.08
136500	2003	502,806.02	116,130.81	15,050.18	181,025.04
136700	2003	123,660.16	18,617.42	2,974.59	6,262.11
136800	2003	1,188,189.57	109,496.96	21,647.26	400,085.12
136900	2003	52,166.71	6,009.35	516.22	15,175.81
137000	2003	1,466,018.49	-	-	1,531.87
137100	2003	3,140.66	357.24	43.90	-
137300	2003	358,374.17	31,222.39	7,911.38	43,856.63
138920	2003	930.00	-	-	152.85
139010	2003	298,176.51	-	-	98,193.13
139020	2003	8,779.17	-	-	-
139140	2003	9,129,554.99	-	-	-
130300	2004	11,830,860.69	-	-	-
131100	2004	1,425,227.89	-	-	46,180.23
131200	2004	15,215,802.11	-	-	1,220,721.96
131400	2004	4,387,542.03	-	-	449,310.03



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131500	2004	620,681.16	-	-	7,603.32
131600	2004	292,039.15	-	-	10,310.18
134200	2004	81,569.12	-	-	2,060.00
134300	2004	222,656.45	-	-	(1,751,508.79)
135210	2004	3,828.95	-	-	3,227.47
135310	2004	282,007.79	-	889.05	142,155.77
135400	2004	11,785.76	-	-	47,226.67
135500	2004	46,585.30	-	2,674.32	71,958.54
135600	2004	13,462.28	-	4,962.98	8,686.43
136200	2004	11,401.45	-	28.76	8,058.24
136400	2004	196,141.15	-	11,911.07	137,861.55
136500	2004	178,243.83	-	10,128.05	157,989.06
136700	2004	11,539.61	-	2,621.02	10,367.44
136800	2004	1,915,906.48	-	38,708.82	490,112.14
136900	2004	21,842.13	-	1,963.91	14,912.10
137100	2004	1,028.07	-	-	-
137300	2004	354,402.38	-	2,168.60	25,212.10
138920	2004	14,316.60	-	-	(14,316.60)
139010	2004	109,166.46	-	-	51,759.42
139110	2004	163,902.90	-	-	-
139120	2004	1,490,220.32	-	-	-
139200	2004	10,527.89	-	-	-
139300	2004	26,894.62	-	-	-
139400	2004	42,030.15	-	-	-
139500	2004	51,432.51	-	-	-
139600	2004	32,483.46	-	-	-
139710	2004	208,346.98	-	-	-
139720	2004	216,478.35	-	-	-
139730	2004	75,081.32	-	-	-
139800	2004	93,791.59	-	-	-
131200	2005	2,723,300.66	-	3,066.16	1,455,835.62
131400	2005	771,200.00	-	-	302,940.83
133020	2005	13,479.47	-	-	-
133100	2005	67,902.49	-	-	-
133200	2005	292,978.72	-	-	-
133300	2005	114,086.49	-	-	-
133400	2005	264,485.91	-	-	-
133500	2005	68,238.88	-	-	-
133600	2005	1,169.79	-	-	-
135010	2005	380.64	-	-	-
135210	2005	2,062.39	-	-	-
135310	2005	59,445.16	-	-	-
135500	2005	4,313.01	-	-	-
135600	2005	4,979.83	-	-	-
130300	2006	3,950,740.06	-	-	-
131100	2006	137,959.29	-	-	47,674.82
131200	2006	8,467,050.62	-	17,365.39	5,300,625.19
131400	2006	3,934,127.89	-	-	1,012,072.86
131500	2006	108,356.00	-	-	11,237.62
131600	2006	122,613.04	-	567.00	3,803.75
134200	2006	11,267.00	-	-	714.85
134300	2006	7,517,883.35	-	-	458,920.05
135210	2006	8,109.30	-	-	9,147.14
135310	2006	1,911,180.42	-	6,977.63	368,975.66
135400	2006	256,475.82	-	40.95	103,149.94

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135500	2006	610,836.55	843,056.37	52,527.03	1,231,227.96
135600	2006	904,173.92	1,244,318.10	119,562.25	1,169,322.73
136010	2006	1,484.33	-	-	-
136100	2006	9,005.37	-	94.07	2,861.76
136200	2006	2,595,375.81	11,211.17	12,249.08	480,902.03
136400	2006	79,289.08	502,453.38	7,659.58	771,183.74
136500	2006	202,377.09	233,836.89	7,260.91	793,547.35
136600	2006	20,096.53	-	1,145.40	-
136700	2006	1,400.38	-	261.19	4,580.85
136800	2006	4,636,661.97	28,687.28	131,311.99	2,000,078.83
137000	2006	2,446,023.84	-	-	15,361.99
137100	2006	256.13	-	4.23	245.48
137300	2006	2,919.20	9,077.24	318.99	8,258.92
139010	2006	336,637.74	-	-	95,141.52
139020	2006	224,105.76	-	-	22,969.83
139110	2006	437,676.76	-	-	493.43
139120	2006	7,056,845.12	-	-	-
139140	2006	3,468,159.99	-	-	9,906.26
139300	2006	27,726.71	-	-	-
139400	2006	133,548.90	-	-	-
139500	2006	54,079.24	-	-	-
139600	2006	29,959.36	-	-	-
139710	2006	16,863.88	-	-	7814.61
139800	2006	17,114.03	-	-	7354.02
130300	2007	3,180,892.57	-	-	-
131100	2007	2,223,807.71	-	-	777,334.12
131200	2007	8,662,428.82	176,625.90	300.00	1,817,773.37
131400	2007	2,363,301.32	582,619.71	-	139,427.22
131500	2007	1,267,672.18	287,143.10	-	71,256.70
131600	2007	205,018.74	-	-	737.13
133200	2007	2,023.00	-	-	-
133300	2007	43,039.32	-	-	47,822.50
134200	2007	142.25	-	-	8,912.87
134300	2007	1,998,859.55	-	-	229,018.84
134500	2007	25,576.19	-	-	513.00
135210	2007	13,579.22	23,068.00	-	8,166.90
135220	2007	13,263.00	-	-	29,650.00
135310	2007	521,200.20	-	44,861.67	125,767.34
135400	2007	28,612.73	218,218.66	-	90,681.65
135500	2007	204,554.53	778,480.43	3,453.18	523,134.85
135600	2007	149,380.54	432,221.59	14,420.76	310,607.57
136100	2007	31,226.60	-	-	36,062.61
136200	2007	633,947.18	(3,132.35)	20,912.60	299,308.91
136400	2007	408,115.20	370,321.97	14,824.05	194,784.95
136500	2007	394,066.35	263,704.91	19,010.22	415,343.46
136600	2007	182,261.30	13,332.84	176.65	-
136700	2007	27,192.26	58,981.55	679.93	26,508.56
136800	2007	1,693,659.67	124,159.40	316,496.09	(817,278.48)
136900	2007	3,215.06	-	64.86	250.96
137000	2007	574,433.90	-	-	25,769.36
137100	2007	829.98	17,806.94	-	(17,279.70)
137300	2007	53,833.99	10,437.02	13,464.02	23,822.19
139010	2007	2,736,942.05	0	3,000.00	46,920.78
139110	2007	163,639.09	-	-	-
139120	2007	2,989,812.83	-	-	-

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139130	2007	369,383.94	-	-	-
139140	2007	68,925.82	-	-	-
139200	2007	4,934,986.28	-	-	-
139300	2007	8,014.13	-	-	-
139400	2007	134,358.44	-	-	-
139500	2007	41,819.51	-	-	-
139710	2007	44,752.64	-	-	9,941.87
139800	2007	21,218.44	-	-	-
130300	2008	0.00	0.00	0.00	0.00
131100	2008	89,209.43	0.00	0.00	20,700.00
131200	2008	1,602,275.15	0.00	0.00	654,036.81
131400	2008	3,477,444.78	0.00	0.00	544,685.57
131500	2008	974.70	0.00	0.00	0.00
131600	2008	15,403.51	0.00	0.00	0.00
133200	2008	44,161.50	0.00	0.00	156,375.00
133300	2008	3,022.00	0.00	0.00	6,931.47
134200	2008	0.00	0.00	0.00	0.00
134300	2008	2,244,288.39	0.00	0.00	55,421.36
134500	2008	0.00	0.00	0.00	0.00
135210	2008	0.00	0.00	0.00	0.00
135220	2008	0.00	0.00	0.00	0.00
135310	2008	26,834.89	0.00	0.00	10,665.33
135400	2008	0.00	0.00	0.00	48.43
135500	2008	59,888.30	41,827.14	273.23	253,611.77
135600	2008	150,703.62	177,035.09	5,650.61	237,947.53
136100	2008	0.00	0.00	0.00	0.00
136200	2008	215.89	0.00	0.00	5,161.38
136400	2008	17,166.02	12,251.37	5,049.19	26,923.46
136500	2008	43,382.65	25,826.07	9,992.36	37,305.84
136600	2008	0.00	0.00	0.00	0.00
136700	2008	0.00	0.00	0.00	0.00
136800	2008	140,396.14	18,154.53	610,349.66	106,888.38
136900	2008	0.00	0.00	0.00	0.00
137000	2008	0.00	0.00	0.00	0.00
137100	2008	0.00	0.00	0.00	0.00
137300	2008	2,019.69	0.00	0.00	4,550.37
139010	2008	172.34	0.00	0.00	30,318.48
139110	2008	0.00	0.00	0.00	0.00
139120	2008	0.00	0.00	0.00	0.00
139130	2008	0.00	0.00	0.00	0.00
139140	2008	0.00	0.00	0.00	0.00
139200	2008	0.00	0.00	0.00	0.00
139300	2008	0.00	0.00	0.00	0.00
139400	2008	0.00	0.00	0.00	0.00
139500	2008	0.00	0.00	0.00	0.00
139710	2008	0.00	0.00	0.00	0.00
139800	2008	0.00	0.00	0.00	0.00
130300	2009	15,497,543.61	0.00	0.00	0.00
131100	2009	145,695.33	87,350.00	0.00	45,964.02
131200	2009	4,750,275.59	0.00	20,000.00	2,120,465.24
131400	2009	4,484,265.28	167,816.15	0.00	1,068,153.61
131500	2009	69,407.17	0.00	0.00	58,030.36
131600	2009	39,354.37	0.00	0.00	1,153.12
131707	2009	4,416.52	0.00	0.00	0.00
133200	2009	0.00	0.00	0.00	0.00

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133300	2009	0.00	0.00	0.00	0.00
134200	2009	30,262.49	0.00	0.00	0.00
134300	2009	3,401,722.19	0.00	0.00	241,383.21
134500	2009	0.00	0.00	0.00	0.00
135210	2009	13,053.58	0.00	0.00	17,459.84
135220	2009	0.00	0.00	0.00	0.00
135310	2009	2,453,395.79	1,703.79	429,546.73	434,632.25
135320	2009	4,421.32	0.00	0.00	2,203.56
135400	2009	45,220.57	1,935.45	0.00	16,491.30
135500	2009	845,833.76	362,946.28	1,867.33	1,815,588.61
135600	2009	217,389.84	124,122.40	597.91	643,606.10
135800	2009	0.00	0.00	0.06	21.79
136100	2009	25,171.16	0.00	1,337.38	10,934.36
136200	2009	738,688.38	42,219.23	17,603.29	446,808.05
136400	2009	3,809,600.22	1,154,949.36	95,058.31	4,769,624.07
136500	2009	8,638,379.41	144,565.06	93,451.27	5,936,780.54
136600	2009	24.92	0.00	2.94	25,951.89
136700	2009	862,862.25	6,555.43	43,811.39	274,005.16
136800	2009	2,340,047.09	9,780.39	204,761.21	1,602,572.22
136900	2009	41,595.17	10,366.27	1,836.70	1,153,408.03
137000	2009	1,162,309.69	0.00	0.00	0.00
137100	2009	279.04	0.00	0.00	4,085.47
137300	2009	2,961,735.62	6,341.47	57,431.44	924,237.01
139010	2009	311,228.56	0.00	258.63	79,641.59
139110	2009	0.00	0.00	0.00	0.00
139120	2009	5,274,117.48	0.00	0.00	0.00
139130	2009	0.00	0.00	0.00	0.00
139140	2009	0.00	0.00	0.00	0.00
139200	2009	312,452.12	0.00	0.00	0.00
139300	2009	6,897.90	0.00	0.00	0.00
139400	2009	0.00	0.00	0.00	0.00
139500	2009	0.00	0.00	0.00	0.00
139700	2009	86,039.54	0.00	0.00	6,000.00
139710	2009	0.00	0.00	0.00	0.00
139800	2009	0.00	0.00	0.00	0.00
130300	2010	5,469,830.45	0.00	0.00	0.00
131100	2010	88,392.15	0.00	0.00	12,254.40
131200	2010	8,267,108.30	0.00	10,802.39	974,237.56
131400	2010	133,532.14	0.00	0.00	18,175.32
131500	2010	33,427.80	0.00	9,196.20	2,689.10
131600	2010	20,829.71	0.00	0.00	3,602.55
131700	2010	11,210.00	0.00	0.00	0.00
133200	2010	0.00	0.00	0.00	0.00
133300	2010	41,412.90	0.00	0.00	315,414.86
133400	2010	14.89	0.00	0.00	26.94
133500	2010	92,639.43	0.00	0.00	6,474.66
134200	2010	310,360.85	0.00	0.00	0.00
134300	2010	991,871.01	0.00	0.00	25,976.41
134500	2010	0.00	0.00	0.00	0.00
134700	2010	1,630.00	0.00	0.00	0.00
135210	2010	8,082.46	0.00	13,767.70	18,509.31
135220	2010	1,607.59	0.00	0.00	11,033.45
135310	2010	1,123,420.84	0.00	76,951.06	89,188.80
135320	2010	73,151.41	0.00	0.00	15,301.73
135400	2010	388,637.55	0.00	4,928.17	189,783.55

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135500	2010	710,498.08	0.00	22,008.22	3,424,297.09
135600	2010	461,935.19	0.00	4,470.27	1,867,543.25
135800	2010	0.00	0.00	0.00	0.00
135915	2010	176.58	0.00	0.00	0.00
136100	2010	35,328.49	0.00	0.00	37,886.45
136200	2010	1,061,284.54	0.00	109,881.96	451,472.29
136400	2010	1,336,949.39	0.00	65,701.19	1,207,408.41
136500	2010	5,225,220.93	0.00	148,626.03	1,814,136.20
136600	2010	4,746.08	0.00	2.61	755.47
136700	2010	998,897.38	0.00	8,891.04	56,447.62
136800	2010	1,705,285.84	0.00	273,221.85	158,132.64
136900	2010	5,881,960.15	0.00	1,167.71	285,012.39
137000	2010	166,705.89	0.00	0.00	0.00
137100	2010	254.35	0.00	0.00	(82.52)
137300	2010	5,076,325.22	0.00	56,226.75	771,519.45
139010	2010	233,054.72	0.00	0.00	76,583.48
139110	2010	0.00	0.00	0.00	0.00
139120	2010	0.00	0.00	0.00	0.00
139130	2010	448,190.94	0.00	0.00	0.00
139140	2010	0.00	0.00	0.00	0.00
139200	2010	111,741.97	0.00	0.00	0.00
139300	2010	0.00	0.00	0.00	0.00
139400	2010	0.00	0.00	0.00	0.00
139500	2010	0.00	0.00	0.00	0.00
139700	2010	0.00	0.00	0.00	0.00
139710	2010	0.00	0.00	0.00	0.00
139800	2010	373,590.26	0.00	0.00	0.00
130200	2011	14,073.21	0.00	0.00	0.00
130200	2011	13,461.00	0.00	0.00	0.00
130300	2011	3,244,351.87	0.00	0.00	0.00
131100	2011	681,753.16	0.00	0.00	435,245.09
131200	2011	7,436,355.61	0.00	342,587.45	1,421,560.23
131400	2011	1,816,682.80	0.00	920,287.50	534,507.28
131500	2011	909,710.73	0.00	119,911.60	308,868.61
131600	2011	365,962.46	0.00	0.00	8,494.85
131707	2011	56,694.92	0.00	0.00	0.00
133200	2011	15,190.72	0.00	0.00	29,260.00
134200	2011	144,829.97	0.00	0.00	1,251.94
134300	2011	1,769,658.40	0.00	0.00	491,147.33
134400	2011	40,983.72	0.00	0.00	5,854.57
134500	2011	121,305.65	0.00	0.00	0.00
135210	2011	3,459.35	0.00	0.00	12,926.98
135220	2011	10,200.55	0.00	0.00	466.09
135310	2011	1,368,755.61	0.00	13,588.86	261,191.59
135320	2011	3,304.45	0.00	0.00	0.00
135400	2011	81,907.91	0.00	0.00	86,871.10
135500	2011	743,968.38	0.00	2,715.15	1,668,302.04
135600	2011	521,733.05	0.00	15,570.46	927,086.06
135800	2011	6,243.14	0.00	0.00	0.00
136020	2011	6,152.81	0.00	0.00	(45,494.50)
136100	2011	13,807.43	0.00	0.00	10,030.66
136200	2011	416,823.50	0.00	29,443.97	353,765.83
136400	2011	1,864,234.14	0.00	23,519.30	1,017,425.09
136500	2011	8,443,827.89	0.00	272,510.80	2,029,029.81
136500	2011	12.71	0.00	1,926.46	2,529.54

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136600	2011	18,438.86	0.00	0.00	0.00
136700	2011	618,591.15	0.00	7,491.15	103,272.99
136800	2011	378,999.31	0.00	224,389.03	111,609.15
136900	2011	91,365.42	0.00	3,209.82	340,844.92
137000	2011	83,939.15	0.00	49,178.14	0.00
137100	2011	10,672.81	0.00	7.32	2,461.91
137300	2011	3,616,159.50	0.00	34,857.90	317,382.20
139010	2011	159,686.91	0.00	0.00	70,870.07
139110	2011	0.08	0.00	0.00	0.00
139131	2011	753,659.43	0.00	0.00	0.00
139200	2011	3,997,637.78	0.00	0.00	0.00
139300	2011	272,160.14	0.00	0.00	0.00
139400	2011	858,400.98	0.00	12,678.93	0.00
139500	2011	3,160,382.43	0.00	0.00	0.00
139600	2011	107,600.18	0.00	0.00	0.00
139700	2011	12,506.07	0.00	0.00	18,397.24
130100	2012	0.00	0.00	0.00	0.00
130200	2012	0.00	0.00	0.00	0.00
130300	2012	4,488,033.54	0.00	0.00	0.00
130310	2012	0.00	0.00	0.00	0.00
131020	2012	0.00	0.00	0.00	0.00
131100	2012	243,522.20	2,595.89	0.00	153,934.21
131101	2012	23,299.41	0.00	0.00	58,702.47
131200	2012	23,431,274.18	0.00	172,783.20	5,029,476.13
131201	2012	0.00	0.00	0.00	0.00
131400	2012	957,970.74	0.00	0.00	536,939.17
131401	2012	0.00	0.00	0.00	0.00
131500	2012	151,979.59	618.00	0.00	93,390.00
131501	2012	0.00	0.00	0.00	0.00
131600	2012	149,326.92	0.00	0.00	7,193.20
131707	2012	10,292,905.01	0.00	0.00	0.00
133010	2012	0.00	0.00	0.00	0.00
133100	2012	36,439.11	0.00	0.00	91.22
133200	2012	36,070.24	0.00	0.00	1,776.48
133300	2012	201,003.90	0.00	0.00	5,904.46
133400	2012	0.00	0.00	0.00	0.00
133500	2012	9,409.47	0.00	0.00	3,286.03
133600	2012	0.00	0.00	0.00	0.00
133707	2012	0.00	0.00	0.00	0.00
134010	2012	0.00	0.00	0.00	0.00
134020	2012	0.00	0.00	0.00	0.00
134100	2012	2,935.94	0.00	0.00	0.00
134200	2012	0.00	0.00	0.00	0.00
134201	2012	0.00	0.00	0.00	0.00
134300	2012	5,640,488.29	0.00	0.00	935,686.98
134400	2012	0.00	0.00	0.00	0.00
134500	2012	275,993.02	0.00	0.00	61,179.57
134501	2012	0.00	0.00	0.00	0.00
134600	2012	0.00	0.00	0.00	0.00
134707	2012	17,790.81	0.00	0.00	0.00
135010	2012	0.00	0.00	0.00	0.00
135020	2012	0.00	0.00	0.00	0.00
135210	2012	37,303.62	(1,818.50)	4,004.55	66,000.95
135220	2012	0.00	0.00	0.00	0.00
135310	2012	2,900,002.47	(4,928.52)	162,501.33	418,579.04

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135311	2012	0.00	0.00	0.00	0.00
135320	2012	19,687.22	0.00	0.00	17,800.00
135400	2012	360,271.99	2,699.35	19,140.81	514,995.69
135500	2012	480,870.33	128,222.64	4,415.05	2,009,041.59
135600	2012	469,531.84	213,992.28	41,077.09	1,473,464.69
135700	2012	0.00	0.00	0.00	0.00
135800	2012	240.54	821.66	0.00	825.76
135915	2012	0.00	0.00	0.00	0.00
135917	2012	0.00	0.00	0.00	0.00
136010	2012	0.00	0.00	0.00	0.00
136020	2012	0.00	0.00	0.00	0.00
136100	2012	32,431.13	0.00	2,708.16	4,168.29
136200	2012	1,222,892.78	(11,016.50)	3,896.16	396,819.46
136400	2012	1,500,522.97	443,487.50	449,442.02	1,748,459.94
136500	2012	6,030,512.78	144,605.12	208,642.56	2,071,725.79
136600	2012	4,439.72	0.00	0.00	58.49
136700	2012	728,592.47	61,946.79	1,276.16	109,361.77
136800	2012	783,534.82	16,071.01	173,074.33	202,344.91
136900	2012	1,694,177.78	7,803.79	4,755.14	200,451.94
137000	2012	79,881.01	0.00	0.00	0.00
137100	2012	14,819.90	0.00	1,742.80	283.31
137300	2012	1,256,912.63	(92.72)	27,161.26	318,471.45
137405	2012	0.00	0.00	0.00	0.00
137407	2012	0.00	0.00	0.00	0.00
138920	2012	0.00	0.00	0.00	0.00
139010	2012	145,121.14	0.00	0.00	75,792.10
139020	2012	0.00	0.00	0.00	0.00
139110	2012	0.00	0.00	0.00	0.00
139120	2012	0.00	0.00	0.00	0.00
139130	2012	0.00	0.00	0.00	0.00
139131	2012	773,719.58	0.00	0.00	0.00
139200	2012	112,421.70	0.00	0.00	0.00
139300	2012	0.00	0.00	0.00	0.00
139400	2012	0.00	0.00	0.00	0.00
139500	2012	0.00	0.00	0.00	0.00
139600	2012	0.00	0.00	0.00	0.00
139700	2012	2,125,875.66	0.00	0.00	0.00
139710	2012	0.00	0.00	0.00	0.00
139720	2012	0.00	0.00	0.00	0.00
139800	2012	0.00	0.00	0.00	0.00
130100	2013	0.00	0.00	0.00	0.00
130200	2013	0.00	0.00	0.00	0.00
130300	2013	1,266,343.40	0.00	0.00	0.00
130310	2013	0.00	0.00	0.00	0.00
131020	2013	0.00	0.00	0.00	0.00
131100	2013	4,390,562.78	(91.89)	367.54	98,691.17
131101	2013	0.00	0.00	0.00	0.00
131200	2013	18,049,954.12	0.00	323,182.28	4,590,997.07
131201	2013	0.00	0.00	0.00	0.00
131400	2013	8,089,997.66	0.00	0.00	330,528.98
131401	2013	0.00	0.00	0.00	0.00
131500	2013	2,420,111.40	2,808.35	0.00	239,415.21
131501	2013	0.00	0.00	0.00	0.00
131600	2013	430,514.41	0.00	0.00	4,091.48
131707	2013	43,242.88	0.00	0.00	0.00

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133010	2013	0.00	0.00	0.00	0.00
133100	2013	0.00	0.00	0.00	0.00
133200	2013	0.00	0.00	0.00	157,387.12
133300	2013	(38,910.86)	0.00	0.00	277,241.50
133400	2013	0.00	0.00	0.00	0.00
133500	2013	0.00	0.00	0.00	0.00
133600	2013	0.00	0.00	0.00	0.00
133707	2013	0.00	0.00	0.00	0.00
134010	2013	0.00	0.00	0.00	0.00
134020	2013	0.00	0.00	0.00	0.00
134100	2013	143,724.11	0.00	0.00	0.00
134200	2013	94,167.75	0.00	0.00	0.00
134201	2013	0.00	0.00	0.00	0.00
134300	2013	4,398,255.97	0.00	0.00	395,942.01
134400	2013	1,840,005.93	0.00	0.00	0.00
134500	2013	547,609.07	0.00	0.00	0.00
134501	2013	0.00	0.00	0.00	0.00
134707	2013	0.00	0.00	0.00	0.00
135010	2013	0.00	0.00	0.00	0.00
135020	2013	0.00	0.00	0.00	0.00
135210	2013	95,708.52	0.00	0.00	118,097.56
135220	2013	1,887.92	0.00	0.00	2,184.05
135310	2013	2,160,301.73	46,669.51	21,198.11	812,611.53
135311	2013	0.00	0.00	0.00	0.00
135320	2013	0.00	0.00	0.00	0.00
135400	2013	1,405,766.01	1,226.02	8,345.48	1,109,763.76
135500	2013	395,319.18	89,704.09	9,384.23	2,171,047.94
135600	2013	439,995.75	95,677.49	10,845.15	1,311,510.58
135700	2013	0.00	0.00	0.00	0.00
135800	2013	0.00	0.00	0.00	0.00
135915	2013	0.00	0.00	0.00	0.00
135917	2013	0.00	0.00	0.00	0.00
136010	2013	0.00	0.00	0.00	0.00
136020	2013	0.00	0.00	0.00	3,304.98
136100	2013	19,270.42	0.00	0.00	36,108.01
136200	2013	534,978.79	0.00	7,149.37	475,207.52
136400	2013	737,118.13	9,355.84	143,063.46	1,389,763.31
136500	2013	2,189,402.07	24,482.81	91,568.92	1,005,165.84
136600	2013	3,602.03	0.00	64.00	(922.87)
136700	2013	223,562.56	9,834.68	5,896.09	91,272.98
136800	2013	2,243,744.70	31,768.82	218,626.65	161,481.30
136900	2013	975,269.80	10,381.11	834.11	214,517.64
137000	2013	119,313.83	0.00	664.09	0.00
137100	2013	7,821.09	0.00	61.33	18,358.17
137300	2013	499,272.85	3,297.83	29,672.57	242,327.33
137405	2013	0.00	0.00	0.00	0.00
137407	2013	0.00	0.00	0.00	0.00
138920	2013	0.00	0.00	0.00	0.00
139010	2013	515,678.87	0.00	0.00	122,036.73
139020	2013	0.00	0.00	0.00	0.00
139110	2013	0.00	0.00	0.00	0.00
139120	2013	0.00	0.00	0.00	0.00
139130	2013	0.00	0.00	0.00	0.00
139131	2013	1,016,857.74	0.00	0.00	0.00
139200	2013	0.00	0.00	0.00	0.00



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139210	2013	0.00	0.00	0.00	0.00
139300	2013	0.00	0.00	0.00	0.00
139400	2013	0.00	0.00	26,316.00	123.31
139500	2013	0.00	0.00	0.00	0.00
139600	2013	0.00	0.00	0.00	0.00
139700	2013	0.00	0.00	0.00	0.00
139710	2013	0.00	0.00	0.00	0.00
139720	2013	0.00	0.00	0.00	0.00
139800	2013	0.00	0.00	0.00	0.00
130100	2014	0.00	0.00	0.00	0.00
130200	2014	0.00	0.00	0.00	0.00
130300	2014	737,050.57	0.00	0.00	0.00
130310	2014	0.00	0.00	0.00	0.00
131020	2014	0.00	0.00	0.00	0.00
131100	2014	704,783.68	(38,924.27)	0.00	1,428,647.71
131101	2014	0.00	0.00	0.00	0.00
131200	2014	20,881,334.36	58,314.88	128,288.23	2,451,690.47
131201	2014	0.00	0.00	0.00	0.00
131400	2014	1,010,285.44	0.00	0.00	223,264.05
131401	2014	0.00	0.00	0.00	0.00
131500	2014	50,932.58	0.00	2,841.66	3,296.05
131501	2014	0.00	0.00	0.00	0.00
131600	2014	191,505.67	0.00	0.00	0.00
131707	2014	165,312.14	0.00	0.00	0.00
133010	2014	0.00	0.00	0.00	0.00
133100	2014	0.00	0.00	0.00	0.00
133200	2014	13,238.85	0.00	0.00	277.27
133300	2014	0.00	0.00	0.00	0.00
133400	2014	6,812.06	0.00	0.00	0.00
133500	2014	0.00	0.00	0.00	0.00
133600	2014	0.00	0.00	0.00	0.00
133707	2014	0.00	0.00	0.00	0.00
134010	2014	0.00	0.00	0.00	0.00
134020	2014	0.00	0.00	0.00	0.00
134100	2014	21,107.72	0.00	0.00	0.00
134200	2014	0.00	0.00	0.00	0.00
134201	2014	0.00	0.00	0.00	0.00
134300	2014	2,400,558.83	0.00	11,529.00	382,492.56
134400	2014	229,568.25	0.00	0.00	76,941.79
134500	2014	0.00	0.00	0.00	0.00
134501	2014	0.00	0.00	0.00	0.00
134600	2014	43.67	0.00	0.00	1,518.18
134707	2014	0.00	0.00	0.00	0.00
135010	2014	0.00	0.00	0.00	0.00
135020	2014	0.00	0.00	0.00	0.00
135210	2014	10,693.52	151.18	0.00	27,238.41
135220	2014	0.00	0.00	0.00	0.00
135310	2014	2,592,071.63	7,813.97	20,892.46	922,884.20
135311	2014	0.00	0.00	0.00	0.00
135320	2014	0.00	0.00	0.00	0.00
135400	2014	(33,047.40)	0.00	49,760.12	246,878.30
135500	2014	826,504.17	61,396.58	71,770.55	2,472,239.79
135600	2014	713,072.22	190,501.77	26,275.77	1,697,159.46
135700	2014	0.00	0.00	0.00	0.00
135800	2014	0.00	0.00	0.00	0.00

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135915	2014	0.00	0.00	0.00	0.00
135917	2014	0.00	0.00	0.00	0.00
136010	2014	79,281.59	553.27	0.00	57,432.83
136020	2014	0.00	0.00	0.00	0.00
136100	2014	25,639.44	0.00	1,312.05	43,254.03
136200	2014	1,962,532.07	284.40	211,796.63	544,489.60
136400	2014	1,464,801.85	33,829.34	136,253.13	1,425,336.86
136500	2014	4,504,386.49	83,388.28	233,569.39	2,544,850.64
136600	2014	0.00	0.00	0.00	0.00
136700	2014	442,317.74	6,925.89	4,196.14	259,519.91
136800	2014	2,496,284.85	9,130.10	300,056.54	153,094.79
136900	2014	206,532.53	7,989.96	1,000.77	27,137.96
137000	2014	335,908.91	0.00	0.00	0.00
137100	2014	119,566.21	0.00	27,765.41	154,345.63
137300	2014	3,286,283.70	19,894.39	60,526.20	573,970.68
137405	2014	3,406.45	0.00	0.00	0.00
137407	2014	15,620.76	0.00	0.00	0.00
138920	2014	0.00	0.00	0.00	0.00
139010	2014	288,621.57	0.00	0.00	201,356.44
139020	2014	3,315.11	0.00	0.00	0.00
139110	2014	0.00	0.00	0.00	0.00
139120	2014	0.00	0.00	0.00	0.00
139130	2014	0.00	0.00	0.00	0.00
139131	2014	1,411,176.53	0.00	0.00	0.00
139200	2014	1,497,956.89	0.00	0.00	0.00
139210	2014	0.00	0.00	0.00	0.00
139300	2014	0.00	0.00	0.00	0.00
139400	2014	0.00	0.00	0.00	0.00
139500	2014	0.00	0.00	0.00	0.00
139600	2014	0.00	0.00	0.00	0.00
139700	2014	0.00	0.00	0.00	0.00
139710	2014	0.00	0.00	0.00	0.00
139720	2014	0.00	0.00	0.00	0.00
139800	2014	0.00	0.00	0.00	0.00
130100	2015	0.00	0.00	0.00	0.00
130200	2015	0.00	0.00	0.00	0.00
130200	2015	0.00	0.00	0.00	0.00
130300	2015	2,808,226.16	0.00	0.00	0.00
130310	2015	0.00	0.00	0.00	0.00
131020	2015	0.00	0.00	0.00	0.00
131100	2015	4,544,929.82	30,000.00	0.00	156,217.04
131101	2015	0.00	0.00	0.00	0.00
131200	2015	80,148,519.35	137,821.63	122,709.24	1,902,123.24
131201	2015	0.00	0.00	0.00	0.00
131400	2015	19,328,847.08	0.00	0.00	850,762.58
131401	2015	0.00	0.00	0.00	0.00
131500	2015	3,288,676.96	0.00	0.00	7,973.46
131501	2015	0.00	0.00	0.00	0.00
131600	2015	2,425,522.96	0.00	0.00	261,730.14
131707	2015	16,856,225.98	0.00	0.00	0.00
133010	2015	0.00	0.00	0.00	0.00
133100	2015	4,487.68	0.00	0.00	10,356.90
133200	2015	0.00	0.00	0.00	0.00
133300	2015	(0.42)	0.00	0.00	286,174.84
133400	2015	0.00	0.00	0.00	0.00

**Kentucky Utilities Company**  
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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
133500	2015	5,963.31	0.00	0.00	0.00
133600	2015	0.00	0.00	0.00	0.00
133707	2015	0.00	0.00	0.00	0.00
134010	2015	0.00	0.00	0.00	0.00
134020	2015	0.00	0.00	0.00	0.00
134020	2015	0.00	0.00	0.00	0.00
134100	2015	0.00	0.00	0.00	0.00
134200	2015	0.00	0.00	0.00	0.00
134201	2015	0.00	0.00	0.00	0.00
134300	2015	2,454,814.27	0.00	0.00	0.00
134400	2015	0.00	0.00	0.00	0.00
134500	2015	21,022.07	0.00	0.00	7,258.74
134501	2015	0.00	0.00	0.00	0.00
134600	2015	0.00	0.00	0.00	0.00
134707	2015	0.00	0.00	0.00	0.00
135010	2015	0.00	0.00	0.00	0.00
135010	2015	0.00	0.00	0.00	0.00
135020	2015	0.00	0.00	0.00	0.00
135210	2015	0.00	0.00	0.00	0.00
135210	2015	95,706.67	0.00	35.99	39,122.25
135210	2015	0.00	0.00	0.00	0.00
135220	2015	0.00	0.00	0.00	0.00
135310	2015	0.00	0.00	0.00	0.00
135310	2015	1,108,576.18	0.00	30,693.62	1,362,503.54
135311	2015	0.00	0.00	0.00	0.00
135320	2015	8,080,656.02	0.00	0.00	239,189.93
135400	2015	62,172.78	0.00	728.94	260,051.72
135500	2015	0.00	0.00	0.00	0.00
135500	2015	727,208.83	187,494.69	10,120.52	4,204,804.39
135600	2015	0.00	0.00	0.00	0.00
135600	2015	445,349.91	20,750.61	8,290.19	1,925,211.56
135700	2015	0.00	0.00	0.00	0.00
135800	2015	0.00	0.00	0.00	0.00
135915	2015	0.00	0.00	0.00	0.00
135917	2015	0.00	0.00	0.00	0.00
136010	2015	0.00	0.00	0.00	0.00
136010	2015	0.00	0.00	0.00	0.00
136020	2015	0.00	0.00	0.00	0.00
136100	2015	25,894.26	0.00	1,938.24	66,358.12
136200	2015	968,407.32	0.00	14,238.03	726,082.70
136400	2015	0.00	0.00	0.00	0.00
136400	2015	0.00	0.00	0.00	0.00
136400	2015	2,800,557.41	64,928.92	124,134.71	1,513,626.96
136500	2015	0.00	12,613.98	0.00	12,613.98
136500	2015	7,282,614.21	155,555.99	190,773.36	3,426,966.62
136500	2015	0.00	0.00	0.00	0.00
136600	2015	0.00	0.00	0.00	0.00
136600	2015	0.00	0.00	0.00	0.00
136700	2015	956,280.13	15,874.40	4,306.84	245,500.50
136700	2015	0.00	0.00	0.00	0.00
136800	2015	2,254,659.00	0.00	272,629.43	225,374.92
136900	2015	117,895.05	0.00	2,051.45	16,273.80
137000	2015	354,193.22	0.00	0.00	0.00
137001	2015	0.00	0.00	0.00	0.00
137100	2015	1,086,461.78	38.54	1,202.00	156,255.45

**Kentucky Utilities Company  
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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
137300	2015	6,711,870.25	2,884.60	500,778.79	308,320.43
137405	2015	0.00	0.00	0.00	0.00
137407	2015	3,476.79	0.00	0.00	0.00
138920	2015	4,944.15	0.00	5,187.52	(16,324.35)
139010	2015	336,147.89	0.00	54,752.49	46,907.40
139010	2015	0.00	0.00	0.00	0.00
139010	2015	0.00	0.00	0.00	0.00
139010	2015	597,825.55	0.00	0.00	0.00
139010	2015	19,113.71	0.00	0.00	15,324.23
139020	2015	0.00	0.00	0.00	0.00
139110	2015	0.00	0.00	0.00	0.00
139120	2015	11,038,363.45	0.00	0.00	0.00
139130	2015	0.00	0.00	0.00	0.00
139131	2015	734,519.72	0.00	0.00	0.00
139200	2015	0.00	0.00	0.00	0.00
139200	2015	11,062,451.87	0.00	0.00	0.00
139210	2015	0.00	0.00	0.00	0.00
139300	2015	0.00	0.00	0.00	0.00
139400	2015	8,400.46	0.00	0.00	0.00
139500	2015	0.00	0.00	0.00	0.00
139600	2015	0.00	0.00	0.00	0.00
139700	2015	60,211.39	0.00	0.00	0.00
139710	2015	0.00	0.00	0.00	1,978.77
139720	2015	0.00	0.00	0.00	0.00
139800	2015	0.00	0.00	0.00	0.00
130100	2016	0.00	0.00	0.00	0.00
130200	2016	0.00	0.00	0.00	0.00
130300	2016	5,795,318.90	0.00	0.00	0.00
130310	2016	0.00	0.00	0.00	0.00
131020	2016	0.00	0.00	0.00	0.00
131100	2016	917,939.39	599.40	708.09	350,960.85
131101	2016	0.00	0.00	0.00	0.00
131200	2016	10,563,333.78	15,420.07	183,906.78	3,910,726.42
131201	2016	0.00	0.00	0.00	0.00
131400	2016	513,877.90	0.00	0.00	481,407.79
131401	2016	0.00	0.00	0.00	0.00
131500	2016	248,391.82	0.00	0.00	40,448.45
131501	2016	0.00	0.00	0.00	0.00
131600	2016	482,747.26	0.00	0.00	10,351.80
131707	2016	2,172,751.56	0.00	0.00	0.00
131708	2016	0.00	0.00	0.00	0.00
133010	2016	0.00	0.00	0.00	0.00
133100	2016	2,355.54	0.00	0.00	25,862.74
133200	2016	0.00	0.00	0.00	0.00
133300	2016	12,840.26	0.00	0.00	0.00
133400	2016	0.00	0.00	0.00	0.00
133500	2016	0.00	0.00	0.00	0.00
133600	2016	0.00	0.00	0.00	0.00
133707	2016	86,482.34	0.00	0.00	0.00
134010	2016	0.00	0.00	0.00	0.00
134020	2016	0.00	0.00	0.00	0.00
134100	2016	95,642.86	0.00	0.00	7,774.24
134200	2016	0.00	0.00	0.00	0.00
134201	2016	0.00	0.00	0.00	0.00
134300	2016	85,818.98	0.00	0.00	237,535.70

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
134400	2016	432,616.31	0.00	0.00	0.00
134500	2016	115,501.18	0.00	0.00	0.00
134501	2016	0.00	0.00	0.00	0.00
134600	2016	114,855.08	0.00	0.00	0.00
134707	2016	0.00	0.00	0.00	0.00
135010	2016	0.00	0.00	0.00	0.00
135020	2016	0.00	0.00	0.00	0.00
135210	2016	173,522.90	0.00	0.77	60,526.80
135220	2016	0.00	0.00	0.00	0.00
135310	2016	2,173,668.85	663.78	1,119,063.86	329,138.02
135311	2016	0.00	0.00	0.00	0.00
135320	2016	26,900.38	0.00	28.61	11,256.08
135400	2016	32,164.05	0.00	54.47	6,170.36
135500	2016	2,739,978.12	161,859.84	7,951.56	3,908,536.67
135600	2016	2,153,781.90	77,241.17	22,817.66	2,363,306.04
135700	2016	0.00	0.00	0.00	0.00
135800	2016	2,412.09	0.00	0.00	389.69
135915	2016	0.00	0.00	0.00	0.00
135917	2016	0.00	0.00	0.00	0.00
136010	2016	0.00	0.00	0.00	0.00
136020	2016	0.00	0.00	0.00	0.00
136100	2016	15,317.60	0.00	0.00	40,949.88
136200	2016	899,151.60	0.00	116,224.10	458,821.44
136400	2016	1,629,782.06	54,147.45	17,162.01	1,437,531.89
136500	2016	9,797,419.17	270,894.57	71,785.21	2,915,971.71
136600	2016	2,186.06	0.00	0.00	0.00
136700	2016	923,111.28	90,200.05	559.09	139,206.48
136800	2016	1,463,668.85	4,179.84	33,571.00	267,367.96
136900	2016	253,089.96	0.00	0.00	358,909.35
137000	2016	827,990.75	(365.19)	9,968.00	(365.19)
137001	2016	0.00	0.00	0.00	0.00
137100	2016	(3,735.54)	(1,533.00)	0.00	(1,283.52)
137300	2016	4,610,486.05	23,693.68	8,838.37	299,062.97
137405	2016	2,798.53	0.00	0.00	0.00
137407	2016	0.00	0.00	0.00	0.00
138920	2016	0.00	0.00	0.00	0.00
139010	2016	676,963.61	0.00	154.39	189,421.61
139020	2016	0.00	0.00	0.00	0.00
139110	2016	1,071,054.36	0.00	0.00	29,413.94
139120	2016	4,236,675.62	0.00	0.00	0.00
139130	2016	0.00	0.00	0.00	0.00
139131	2016	3,267,500.19	0.00	0.00	0.00
139200	2016	158,179.93	0.00	(7,380.72)	(568.76)
139210	2016	108,408.86	0.00	7,380.72	568.76
139300	2016	0.00	0.00	0.00	0.00
139400	2016	104,279.68	0.00	0.00	697.63
139500	2016	0.00	0.00	0.00	0.00
139600	2016	0.00	0.00	0.00	0.00
139700	2016	641,341.51	0.00	0.00	13,071.54
139710	2016	823,769.21	0.00	0.00	0.00
139720	2016	438,990.26	0.00	0.00	0.00
139800	2016	0.00	0.00	0.00	0.00
130100	2017	0.00	0.00	0.00	0.00
130200	2017	0.00	0.00	0.00	0.00
130300	2017	7,464,577.36	0.00	0.00	0.00

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
130310	2017	0.00	0.00	0.00	0.00
131020	2017	0.00	0.00	0.00	0.00
131100	2017	562,234.82	1,284.58	0.00	496,650.23
131101	2017	0.00	0.00	0.00	0.00
131200	2017	8,820,017.43	101,492.37	30,440.37	5,529,286.32
131201	2017	0.00	0.00	0.00	0.00
131400	2017	4,439,606.00	48,994.88	15,073.40	1,695,335.60
131401	2017	0.00	0.00	0.00	0.00
131500	2017	115,476.19	0.00	19,968.60	18,968.94
131501	2017	0.00	0.00	0.00	0.00
131600	2017	416,466.95	0.00	27,560.00	22,778.09
131707	2017	203,134.00	0.00	0.00	0.00
131708	2017	0.00	0.00	0.00	0.00
133010	2017	23,675.00	0.00	23,675.00	0.00
133100	2017	0.00	0.00	0.00	0.00
133200	2017	0.00	0.00	0.00	0.00
133300	2017	0.00	0.00	0.00	0.00
133400	2017	0.00	0.00	0.00	0.00
133500	2017	0.00	0.00	0.00	0.00
133600	2017	0.00	0.00	0.00	0.00
133707	2017	0.00	0.00	0.00	0.00
134010	2017	0.00	0.00	0.00	0.00
134020	2017	0.00	0.00	0.00	0.00
134100	2017	0.00	0.00	0.00	0.00
134200	2017	19,123.07	0.00	0.00	13,600.15
134201	2017	0.00	0.00	0.00	0.00
134300	2017	2,558,079.84	0.00	0.00	256,971.97
134400	2017	475,999.11	0.00	0.00	140,686.33
134500	2017	0.00	0.00	0.00	0.00
134501	2017	0.00	0.00	0.00	0.00
134600	2017	27,592.94	0.00	0.00	0.00
134707	2017	0.00	0.00	0.00	0.00
135010	2017	0.00	0.00	0.00	0.00
135020	2017	0.00	0.00	0.00	0.00
135210	2017	112,814.60	0.00	1,377.84	101,889.83
135220	2017	32,410.20	0.00	0.00	0.00
135310	2017	2,380,835.64	0.00	10,987.85	693,602.61
135311	2017	0.00	0.00	0.00	0.00
135320	2017	3,949,271.49	0.00	0.00	7,166.25
135400	2017	18,956.65	(10,205.70)	1,517.76	145,665.54
135500	2017	4,186,406.13	67,382.57	8,362.97	2,730,225.93
135600	2017	2,018,494.60	242,132.80	29,985.54	1,756,357.72
135700	2017	0.00	0.00	0.00	0.00
135800	2017	566.96	0.00	0.00	22,584.33
135915	2017	0.00	0.00	0.00	0.00
135917	2017	0.00	0.00	0.00	0.00
136010	2017	0.00	0.00	0.00	0.00
136020	2017	14,378.77	0.00	0.00	0.00
136100	2017	74,538.54	0.00	1,959.48	57,962.92
136200	2017	1,908,263.75	0.00	67,161.57	739,888.06
136400	2017	1,857,902.15	45,787.96	32,387.79	1,603,948.26
136500	2017	8,166,161.69	181,106.72	105,558.48	2,849,652.06
136600	2017	0.00	0.00	0.00	0.00
136700	2017	879,783.43	24,508.49	1,628.81	84,130.73
136800	2017	9,593,062.47	158,704.48	69,769.34	318,405.99

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Acct	Year	Retirements	Reimbursements	Gross Salvage	Cost of Removal
136900	2017	80,976.81	0.00	(15,411.75)	1,011,923.31
137000	2017	1,993,750.74	0.00	0.00	0.00
137001	2017	0.00	0.00	0.00	0.00
137020	2017	56,276.28	0.00	0.00	0.00
137100	2017	0.00	0.00	0.00	0.00
137300	2017	816,112.82	59,375.36	174,022.34	661,569.17
137405	2017	0.00	0.00	0.00	0.00
137407	2017	1,700.75	0.00	0.00	0.00
138920	2017	0.00	0.00	0.00	0.00
139010	2017	150,168.47	0.00	0.00	26,027.84
139020	2017	3,924.94	0.00	0.00	0.00
139110	2017	283,354.86	0.00	0.00	2,032.01
139120	2017	4,079,972.85	0.00	0.00	0.00
139130	2017	0.00	0.00	0.00	0.00
139131	2017	878,964.66	0.00	0.00	0.00
139200	2017	38,921.74	0.00	0.00	0.00
139210	2017	27,677.50	0.00	0.00	0.00
139300	2017	0.00	0.00	0.00	0.00
139400	2017	274,113.85	0.00	0.00	0.00
139500	2017	0.00	0.00	0.00	0.00
139600	2017	0.00	0.00	0.00	0.00
139700	2017	1,916.55	0.00	0.00	1,049.26
139710	2017	0.00	0.00	0.00	0.00
139720	2017	0.00	0.00	0.00	0.00
139800	2017	0.00	0.00	0.00	0.00
<b>2017</b>		<b>69,007,662.60</b>	<b>920,564.51</b>	<b>606,025.39</b>	<b>20,988,359.45</b>
		69,007,662.60	920,564.51	606,025.39	20,988,359.45
		0.00	0.00	0.00	0.00

Louisville Gas & Electric Company Salvage & Cost of Removal Study 1972 - 2017							
Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
131100	1972	5,380.00	-	-	162.00	-	(162.00)
131200	1972	-	-	-	-	-	-
131400	1972	-	-	-	-	-	-
131500	1972	33,729.00	-	-	502.00	-	(502.00)
131600	1972	985.00	-	-	62.00	-	(62.00)
133500	1972	-	-	-	-	-	-
135210	1972	-	-	-	-	-	-
135310	1972	9,504.00	-	-	33.00	-	(33.00)
135400	1972	-	-	-	-	-	-
135500	1972	27,936.00	8,910.00	-	19,333.00	-	(10,423.00)
135600	1972	41,755.00	17,286.00	-	24,899.00	-	(7,603.00)
136100	1972	-	-	-	-	-	-
136200	1972	147,024.00	4,101.00	-	11,521.00	-	(7,420.00)
136200	1972	47,705.00	9,677.00	-	1,215.00	-	8,662.00
136400	1972	86,675.00	30,964.00	-	98,808.00	-	(67,904.00)
136500	1972	301,704.00	216,588.00	(41.00)	147,110.00	-	69,437.00
136600	1972	5,169.00	643.00	-	852.00	-	(209.00)
136700	1972	180,805.00	250,906.00	193,713.00	22,921.00	-	421,696.00
136800	1972	169,152.00	10,736.00	-	8.00	-	10,728.00
136910	1972	5,962.00	2,027.00	-	1,978.00	-	49.00
136920	1972	81,834.00	15,377.00	-	83,630.00	-	(48,253.00)
137000	1972	67,710.00	1,576.00	-	493.00	-	1,083.00
137310	1972	238,445.00	92,542.00	-	43,714.00	-	48,828.00
137320	1972	81,204.00	4,522.00	(5,985.00)	10,997.00	-	(12,460.00)
137340	1972	7,233.00	-	-	-	-	-
137340	1972	138.00	-	-	-	-	-
139400	1972	-	-	-	-	-	-
139500	1972	603.00	27.00	-	-	-	27.00
139620	1972	-	-	-	-	-	-
233140	1972	-	-	-	-	-	-
235240	1972	9,596.00	696.00	-	3,603.00	-	(2,007.00)
235250	1972	8,001.00	492.00	-	2,792.00	-	(2,300.00)
235300	1972	12,171.00	200.00	-	798.00	-	(588.00)
235400	1972	7,409.00	5,077.00	-	-	-	5,077.00
235600	1972	4,152.00	-	-	-	-	-
235700	1972	-	-	-	-	-	-
236200	1972	199,806.00	-	-	13,914.00	-	(13,914.00)
236700	1972	70,393.00	63,712.00	63,712.00	541.00	-	126,863.00
237520	1972	245.00	-	-	239.00	-	(239.00)
237600	1972	223,283.00	39,933.00	-	25,044.00	-	14,889.00
237800	1972	36,875.00	4,126.00	-	5,961.00	-	(1,435.00)
237900	1972	19,060.00	1,961.00	-	1,527.00	-	334.00
238000	1972	115,449.00	172.00	-	99,696.00	-	(99,524.00)
238100	1972	100,261.00	1,027.00	-	-	-	1,027.00
238200	1972	5,930.00	61.00	-	-	-	61.00
238300	1972	9,773.00	100.00	-	-	-	100.00
238400	1972	3,116.00	32.00	-	-	-	32.00
239400	1972	123.00	-	-	-	-	-
239500	1972	81.00	-	-	-	-	-
239620	1972	-	-	-	-	-	-
339010	1972	6,893.00	262.00	-	363.00	-	(121.00)
339010	1972	1,976.00	768.00	-	149.00	-	619.00
339100	1972	6,276.00	700.00	-	-	-	700.00
339220	1972	881.00	19.00	-	-	-	19.00
339300	1972	-	-	-	-	-	-
339400	1972	131.00	-	-	-	-	-
339400	1972	746.00	-	-	-	-	-
339500	1972	58.00	3.00	-	-	-	3.00
339620	1972	1,035.00	-	-	-	-	-
339700	1972	72.00	5.00	-	-	-	5.00
131100	1973	9,301.00	775.00	-	-	-	775.00
131200	1973	62,803.00	648.00	-	4,171.00	-	(3,523.00)
131400	1973	-	-	-	-	-	-
131500	1973	7,724.00	1,966.00	-	-	-	1,966.00
131600	1973	-	-	-	-	-	-
133500	1973	737.00	228.00	-	-	-	228.00
133500	1973	148.00	-	-	-	-	-
135210	1973	-	-	-	-	-	-
135310	1973	27,523.00	640.00	-	3,513.00	-	(2,873.00)
135400	1973	-	-	-	-	-	-
135500	1973	6,443.00	19,360.00	17,142.00	2,763.00	-	33,739.00
135600	1973	23,069.00	20,287.00	9,737.00	5,031.00	-	24,993.00
136100	1973	-	-	-	-	-	-
136200	1973	27,105.00	2,927.00	-	4,463.00	-	(1,536.00)
136200	1973	15,408.00	6,769.00	-	1,160.00	-	5,609.00
136400	1973	112,661.00	60,234.00	25,292.00	117,281.00	-	(31,755.00)
136500	1973	307,960.00	271,933.00	116,419.00	148,980.00	-	239,372.00



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136600	1973	22,232.00	3,132.00		92.00	1,779.00	1,445.00
136700	1973	62,213.00	30,756.00		868.00	14,490.00	17,134.00
136800	1973	240,023.00	29,161.00	11,454.00			40,615.00
136910	1973	6,858.00	2,864.00	476.00		5,102.00	(1,762.00)
136920	1973	157,853.00	31,535.00	8,891.00		72,066.00	(31,650.00)
137000	1973	87,218.00	1,467.00		944.00		1,467.00
137310	1973	257,796.00	133,841.00	56,511.00		50,716.00	139,636.00
137320	1973	180,857.00	18,101.00			19,438.00	(1,337.00)
137340	1973	4,595.00					-
137340	1973	251.00					-
139400	1973	329.00					-
139500	1973	343.00					-
139620	1973	-					-
235140	1973	-					-
235240	1973	7,754.00	125.00		3,416.00		(3,291.00)
235250	1973	5,665.00	162.00			2,689.00	(2,527.00)
235300	1973	16,756.00	311.00		1,268.00		(957.00)
235400	1973	-					-
235600	1973	-					-
235700	1973	-					-
235700	1973	5,795.00	62,600.00	62,600.00			125,200.00
237520	1973	558.00			84.00		(84.00)
237600	1973	162,350.00	37,521.00	37,521.00	21,895.00		53,147.00
237600	1973	6,012.00	1,020.00		1,669.00		(649.00)
237900	1973	2,561.00	716.00		161.00		555.00
238000	1973	95,115.00	529.00	529.00		97,882.00	(96,824.00)
238100	1973	33,454.00	14,859.00				14,859.00
238200	1973	2,304.00	1,029.00				1,029.00
238300	1973	6,113.00	2,732.00				2,732.00
238400	1973	2,342.00	1,045.00				1,045.00
239400	1973	624.00					-
239600	1973	-					-
239620	1973	-					-
339010	1973	-					-
339010	1973	12,713.00	451.00		4,707.00		(4,256.00)
339020	1973	200.00					-
339050	1973	433.00			37.00		(37.00)
339100	1973	16,447.00	1,008.00	113.00			1,121.00
339220	1973	-					-
339300	1973	347.00					-
339400	1973	424.00					-
339400	1973	2,134.00					-
339620	1973	6,725.00					-
339700	1973	13,492.00	5,912.00	4,795.00	831.00		9,876.00
131100	1974	166,455.00	526.00		30,006.00		(29,456.00)
131200	1974	7,673.00	12.00		6,835.00		(6,823.00)
131400	1974	5,300.00			3,167.00		(3,167.00)
131500	1974	10,311.00			417.00		(417.00)
131600	1974	2,625.00	1,400.00	1,400.00			2,800.00
133100	1974	15,000.00			1,633.00		(1,633.00)
133500	1974	-					-
133500	1974	140.00					-
134400	1974	250.00			16.00		(16.00)
135010	1974	1,500.00	1,500.00	1,500.00			3,000.00
135210	1974	-					-
135310	1974	36,315.00	14,148.00	129.00	1,159.00		13,118.00
135400	1974	80,109.00	2,353.00		2,748.00		(395.00)
135500	1974	36,081.00	10,856.00	396.00			(2,631.00)
135500	1974	74,884.00	15,015.00	176.00	34,409.00		(15,217.00)
136100	1974	-					-
136200	1974	69,877.00	690.00		3,518.00		(2,828.00)
136200	1974	43,127.00	24,089.00		2,245.00		21,844.00
136400	1974	93,401.00	100,139.00	13,984.00	115,319.00		(1,196.00)
136500	1974	274,179.00	197,794.00	28,821.00	154,786.00		71,929.00
136600	1974	29,511.00	11,339.00	(64.00)	4,274.00		7,001.00
136700	1974	130,232.00	110,253.00	3,335.00	48,850.00		64,798.00
136800	1974	149,627.00	145,894.00	32,842.00	104.00		178,632.00
136910	1974	23,595.00	16,059.00	(1,523.00)	8,751.00		5,785.00
136920	1974	27,541.00	36,646.00	813.00	82,033.00		(44,574.00)
137000	1974	82,008.00	3,560.00	698.00			3,102.00
137310	1974	162,870.00	120,228.00	16,090.00	33,403.00		102,916.00
137320	1974	40,708.00	6,922.00	58.00	11,365.00		(4,385.00)
137340	1974	3,670.00					-
137340	1974	194.00					-
139400	1974	1,560.00	150.00				150.00
139500	1974	439.00					-
139620	1974	33.00					-
235120	1974	13,657.00			4,225.00		(4,225.00)

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235140	1974	4,885.00			958.00		(958.00)
235240	1974	-			-		-
235250	1974	-			-		-
235300	1974	7,253.00	1,132.00		277.00		855.00
235400	1974	2,253.00					
235500	1974	10,031.00			312.00		(312.00)
235600	1974	20,827.00	5,201.00		5,454.00		(253.00)
235700	1974	128.00			45.00		(45.00)
236700	1974	6,095.00	5,270.00		1,275.00		3,995.00
237520	1974	1,561.00	148.00		724.00		(576.00)
237600	1974	144,028.00	12,136.00	11,853.00	26,994.00		(3,005.00)
237800	1974	41,552.00	3,865.00		15,892.00		(12,027.00)
237900	1974	146.00			26.00		(26.00)
238000	1974	165,383.00	224.00	224.00	166,143.00		(165,695.00)
238100	1974	43,752.00	7,214.00				7,214.00
238200	1974	2,689.00	443.00				443.00
238300	1974	3,767.00	624.00				624.00
238400	1974	1,833.00	302.00				302.00
239400	1974	190.00	-				-
239400	1974	-					-
239500	1974	758.00					-
239620	1974	2,397.00	750.00				750.00
339010	1974	750.00			501.00		(501.00)
339010	1974	21,905.00			8,663.00		(8,663.00)
339020	1974	276.00			47.00		(47.00)
339100	1974	16,549.00	238.00				238.00
339220	1974	-					-
339300	1974	-					-
339400	1974	3,246.00	65.00				65.00
339400	1974	1,329.00					-
339500	1974	6,754.00	3,408.00				3,408.00
339620	1974	1,147.00					-
339700	1974	9,357.00	5,952.00	4,966.00	741.00		10,177.00
131100	1975	4,816.00			2,201.00		(2,201.00)
131200	1975	3,085.00	383.00		402.00		(19.00)
131400	1975	5,585.00					-
131500	1975	11,172.00	2,381.00		521.00		1,880.00
131600	1975	2,166.00					-
131700	1975	265.00					-
133500	1975	-					-
135210	1975	-					-
135310	1975	31,274.00	9,238.00		5,356.00		3,880.00
135400	1975	9,884.00	11,465.00	7,716.00	5,013.00		14,166.00
135500	1975	31,006.00	13,554.00	1,325.00	14,970.00		(91.00)
135600	1975	36,355.00	24,192.00	8,941.00	21,155.00		11,978.00
135700	1975	441.00	8.00				8.00
135800	1975	5,979.00	85.00				85.00
136100	1975	62,185.00	1,948.00		288.00		1,651.00
136200	1975	280,908.00	28,433.00		7,865.00		18,568.00
136200	1975	28,013.00	6,757.00		3,124.00		3,633.00
136400	1975	97,706.00	38,466.00	5,477.00	129,885.00		(85,642.00)
136500	1975	298,985.00	147,113.00	21,340.00	192,596.00		(24,143.00)
136600	1975	4,380.00	1,168.00		2,836.00		(1,680.00)
136700	1975	100,997.00	65,858.00	13,084.00	21,957.00		56,985.00
136800	1975	135,551.00	21,643.00		305.00		21,336.00
136910	1975	5,375.00	4,614.00	83.00	3,278.00		1,399.00
136920	1975	109,041.00	21,141.00	656.00	92,198.00		(70,401.00)
137000	1975	80,281.00	735.00		868.00		(253.00)
137310	1975	212,579.00	86,417.00	12,519.00	48,131.00		50,805.00
137320	1975	54,684.00	6,617.00	390.00	10,137.00		(3,130.00)
137340	1975	4,848.00					-
137340	1975	307.00					-
139400	1975	261.00					-
139400	1975	883.00					-
139500	1975	132.00					-
139620	1975	727.00					-
235140	1975	-					-
235240	1975	7,878.00	65.00		1,231.00		(1,166.00)
235250	1975	10,523.00	60.00		3,354.00		(3,294.00)
235300	1975	28.00					-
235400	1975	1,300.00					-
235500	1975	1,736.00	539.00		274.00		265.00
235600	1975	-					-
235700	1975	-					-
236200	1975	216,155.00			6,887.00		(6,887.00)
236700	1975	-					-
237520	1975	46,819.00			1,492.00		(1,492.00)
237600	1975	138,953.00	2,318.00	2,213.00	22,909.00		(18,378.00)

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237900	1975	10,607.00	3,805.00	490.00	2,740.00	-	1,555.00
237900	1975	409.00	-	-	76.00	-	(76.00)
238000	1975	132,279.00	168.00	166.00	183,148.00	-	(182,816.00)
239100	1975	80,312.00	12,519.00	-	-	-	12,519.00
239200	1975	3,866.00	803.00	-	-	-	803.00
238300	1975	-	3,937.00	-	-	-	817.00
238400	1975	1,537.00	319.00	-	-	-	319.00
239400	1975	119.00	-	-	-	-	-
239500	1975	796.00	-	-	-	-	-
239620	1975	850.00	-	-	-	-	-
339010	1975	-	-	-	-	-	-
339010	1975	-	-	-	-	-	-
339100	1975	23,242.00	609.00	-	-	-	609.00
339220	1975	1,273.00	20.00	-	-	-	20.00
339300	1975	-	-	-	-	-	-
339400	1975	-	-	-	-	-	-
339400	1975	2,024.00	-	-	-	-	-
339620	1975	50.00	-	-	-	-	-
339700	1975	106,938.00	11,278.00	3,250.00	1,551.00	-	12,977.00
131100	1976	17,364.00	148.00	-	2,461.00	-	(2,313.00)
131200	1976	3,221.00	-	-	-	-	-
131400	1976	-	-	-	-	-	-
131500	1976	3,903.00	2,393.00	-	38,121.00	-	(35,728.00)
131600	1976	3,217.00	-	-	-	-	-
133500	1976	-	-	-	-	-	-
133210	1976	619.00	529.00	-	43.00	-	486.00
134310	1976	63,202.00	28,745.00	-	8,258.00	-	18,487.00
135400	1976	63,081.00	12,398.00	-	30,554.00	-	(18,156.00)
135500	1976	58,590.00	15,774.00	903.00	40,898.00	-	(24,221.00)
135600	1976	155,802.00	33,291.00	13.00	97,825.00	-	(64,621.00)
136100	1976	-	-	-	-	-	-
136100	1976	89.00	30.00	-	-	-	30.00
136200	1976	22,831.00	382.00	-	3,411.00	-	(3,029.00)
136200	1976	70,519.00	35,380.00	-	8,120.00	-	27,260.00
136400	1976	138,110.00	37,247.00	5,241.00	192,708.00	-	(150,220.00)
136500	1976	471,655.00	290,821.00	34,768.00	276,041.00	-	49,548.00
136600	1976	8,178.00	9,355.00	6,117.00	2,084.00	-	13,385.00
136700	1976	88,600.00	66,055.00	8,377.00	31,098.00	-	43,334.00
136800	1976	230,831.00	22,069.00	4,294.00	815.00	-	25,748.00
136910	1976	8,079.00	4,266.00	549.00	3,790.00	-	1,025.00
136920	1976	103,025.00	38,094.00	1,810.00	108,065.00	-	(70,361.00)
137000	1976	106,187.00	2,601.00	-	1,008.00	-	1,593.00
137110	1976	256,893.00	127,407.00	15,211.00	52,172.00	-	90,448.00
137320	1976	120,176.00	6,299.00	-	21,227.00	-	(14,928.00)
137340	1976	8,088.00	794.00	-	-	-	794.00
137340	1976	455.00	49.00	-	-	-	49.00
139400	1976	1,126.00	10.00	-	7.00	-	3.00
139500	1976	-	-	-	-	-	-
139620	1976	-	-	-	-	-	-
235140	1976	-	-	-	-	-	-
235240	1976	-	-	-	-	-	-
235250	1976	-	-	-	-	-	-
235300	1976	20,412.00	198.00	-	902.00	-	(704.00)
235400	1976	-	-	-	-	-	-
235500	1976	968.00	645.00	-	-	-	645.00
235600	1976	5,294.00	1,321.00	-	724.00	-	597.00
235700	1976	-	-	-	-	-	-
236000	1976	510,276.00	422.00	-	10,684.00	-	(10,282.00)
236700	1976	2,564.00	914.00	914.00	499.00	-	1,329.00
237520	1976	77,515.00	64.00	-	1,627.00	-	(1,563.00)
237600	1976	91,341.00	12,810.00	11,015.00	18,218.00	-	5,607.00
237700	1976	143,042.00	118.00	-	2,998.00	-	(2,880.00)
237800	1976	9,214.00	3,799.00	-	1,634.00	-	2,165.00
237900	1976	-	-	-	-	-	-
238000	1976	139,235.00	-	-	184,674.00	-	(184,674.00)
238100	1976	75,081.00	12,199.00	72.00	-	-	12,271.00
238200	1976	4,742.00	771.00	5.00	-	-	778.00
238300	1976	5,653.00	919.00	5.00	-	-	924.00
238400	1976	2,366.00	384.00	2.00	-	-	388.00
238700	1976	37,585.00	525.00	-	638.00	-	(113.00)
239400	1976	210.00	-	-	-	-	-
239500	1976	-	-	-	-	-	-
239620	1976	986.00	252.00	-	-	-	252.00
339010	1976	215.00	-	-	19.00	-	(19.00)
339010	1976	15,714.00	1,545.00	-	1,967.00	-	(422.00)
339040	1976	71.00	-	-	409.00	-	(409.00)
339100	1976	31,121.00	525.00	-	-	-	525.00
339220	1976	-	-	-	-	-	-

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339300	1976	-	-	-	-	-	-
339400	1976	-	-	-	-	-	-
339400	1976	8,833.00	-	-	-	-	-
339620	1976	748.00	1,000.00	-	-	-	1,000.00
339700	1976	52,136.00	30,203.00	-	7,259.00	-	22,944.00
131100	1977	9,983.00	-	-	-	3,390.00	(3,390.00)
131200	1977	326,168.00	5,757.00	-	82,840.00	-	(56,883.00)
131400	1977	-	-	-	-	-	-
131500	1977	22,153.00	-	-	794.00	-	(794.00)
131600	1977	4,112.00	-	-	-	-	-
133500	1977	-	-	-	-	-	-
135210	1977	51,877.00	150.00	-	328.00	-	(178.00)
135310	1977	329,812.00	51,629.00	21,144.00	36,179.00	-	36,594.00
135400	1977	38,680.00	30,794.00	28,752.00	32,752.00	-	26,794.00
135500	1977	9,197.00	2,469.00	1,106.00	4,587.00	-	(962.00)
135600	1977	8,274.00	3,038.00	393.00	1,778.00	-	1,653.00
135800	1977	5,482.00	2,686.00	-	510.00	-	2,176.00
136100	1977	1,383.00	3,943.00	3,707.00	3,511.00	-	4,139.00
136100	1977	2,000.00	-	-	500.00	-	(500.00)
136200	1977	56,320.00	26,476.00	16,406.00	29,259.00	-	15,623.00
136200	1977	6,947.00	5,484.50	-	103.00	-	5,381.00
136400	1977	102,019.00	38,932.00	7,801.00	125,384.00	-	(78,651.00)
136500	1977	336,851.00	151,747.00	29,819.00	166,049.00	-	15,517.00
136600	1977	11,937.00	6,770.00	124.00	8,531.00	-	(1,637.00)
136700	1977	106,792.00	57,094.00	1,192.00	25,685.00	-	32,601.00
136800	1977	151,983.00	2,377.00	-	13.00	-	2,364.00
136910	1977	8,378.00	3,482.00	-	2,714.00	-	768.00
136920	1977	100,894.00	31,812.00	2,840.00	115,708.00	-	(81,056.00)
137000	1977	93,242.00	2,648.00	-	939.00	-	1,709.00
137310	1977	198,151.00	132,375.00	26,012.00	47,443.00	-	110,944.00
137320	1977	102,968.00	16,569.00	-	39,894.00	-	(23,325.00)
137340	1977	18,321.00	-	-	-	-	-
137340	1977	1,110.00	-	-	-	-	-
139400	1977	75.00	-	-	-	-	-
139400	1977	901.00	5.00	-	-	-	5.00
139500	1977	378.00	-	-	-	-	-
139620	1977	1,815.00	11.00	-	-	-	11.00
235130	1977	1,135.00	800.00	-	268.00	-	532.00
235140	1977	-	-	-	-	-	-
235240	1977	2,611.00	-	-	2,994.00	-	(2,994.00)
235260	1977	2,737.00	-	-	2,848.00	-	(2,848.00)
235390	1977	6,997.00	-	-	93.00	-	(93.00)
235400	1977	-	-	-	-	-	-
235600	1977	-	-	-	-	-	-
235700	1977	-	-	-	-	-	-
235700	1977	16,167.00	-	-	4,840.00	-	(4,840.00)
237520	1977	-	-	-	-	-	-
237600	1977	105,087.00	10,534.00	10,534.00	32,446.00	-	(11,378.00)
237800	1977	33,330.00	7,549.00	-	7,823.00	-	(274.00)
237900	1977	1,523.00	-	-	38.00	-	(38.00)
238000	1977	124,246.00	-	-	192,113.00	-	(192,113.00)
238100	1977	110,010.00	31,893.00	-	-	-	31,893.00
238200	1977	6,736.00	2,125.00	-	-	-	2,125.00
238300	1977	3,681.00	1,063.00	-	-	-	1,063.00
238400	1977	1,481.00	354.00	-	-	-	354.00
238400	1977	877.00	-	-	-	-	-
239300	1977	413.00	-	-	-	-	-
239620	1977	1,667.00	1,302.00	-	-	-	1,302.00
339010	1977	2,359.00	-	-	407.00	-	(407.00)
339010	1977	1,558.00	453.00	-	101.00	-	352.00
339020	1977	200.00	-	-	150.00	-	(150.00)
339040	1977	423.00	-	-	58.00	-	(58.00)
339100	1977	11,436.00	152.00	-	-	-	152.00
339220	1977	1,244.00	50.00	-	-	-	50.00
339500	1977	-	-	-	-	-	-
339400	1977	571.00	122.00	-	2.00	-	120.00
339400	1977	5,919.00	520.00	-	-	-	520.00
339620	1977	745.00	-	-	-	-	-
339700	1977	55,509.00	18,438.00	13,312.00	11,245.00	-	20,505.00
131100	1978	708.00	-	-	-	-	-
131200	1978	194,645.00	2,078.00	-	243.00	-	1,835.00
131400	1978	17,277.00	2,818.00	-	2,051.00	-	767.00
131500	1978	23,703.00	4,573.00	-	1,238.00	-	3,335.00
131600	1978	2,193.00	24.00	24.00	-	-	48.00
133400	1978	133.00	-	-	527.00	-	(527.00)
133500	1978	-	-	-	-	-	-
135210	1978	393.00	333.00	-	21.00	-	312.00
135310	1978	117,987.00	15,461.00	-	10,281.00	-	5,180.00

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135400	1978	34,769.00	8,604.00		49,395.00		(40,791.00)
135500	1978	131,666.00	46,074.00	6,566.00	53,085.00		1,555.00
135600	1978	174,718.00	74,983.00	21,206.00	74,827.00	(21,050.00)	312.00
138100	1978	-	-	-	-	-	-
136200	1978	380,137.00	47,890.00		9,648.00		38,242.00
136220	1978	27,760.00	10,173.00		9,226.00		947.00
136400	1978	132,933.00	42,174.00	4,886.00	220,131.00		(173,071.00)
136500	1978	547,210.00	151,017.00	17,152.00	320,086.00		(151,917.00)
136800	1978	15,259.00	4,009.00	139.00	6,678.00		(2,530.00)
136700	1978	87,681.00	24,876.00	4,572.00	23,850.00		5,588.00
136800	1978	193,092.00	38,308.00	4,981.00	16.00		42,374.00
136910	1978	5,289.00	2,311.00		3,695.00		(1,384.00)
136920	1978	100,428.00	25,053.00	1,994.00	130,957.00		(103,910.00)
137000	1978	106,296.00	3,963.00		945.00	212.00	3,230.00
137310	1978	176,874.00	188,400.00	22,361.00	37,555.00		173,206.00
137320	1978	37,734.00	21,778.00	4,362.00	15,624.00		10,514.00
137340	1978	4,781.00					-
137400	1978	216.00					-
139400	1978	6,245.00					-
139500	1978	2,217.00					-
139620	1978	3,890.00	500.00				500.00
235140	1978	-	-	-	-	-	-
235240	1978	18,762.00			3,801.00		(3,801.00)
235250	1978	6,086.00			1,246.00		(1,246.00)
235300	1978	11,815.00			143.00		(143.00)
235400	1978	1,769.00			42.00		(42.00)
235600	1978	6,173.00			-		-
235700	1978	-	-	-	-	-	-
236700	1978	37,472.00	2,423.00	1,302.00	3,063.00		662.00
237520	1978	-	-	-	-	-	-
237600	1978	65,545.00	5,936.00	5,938.00	20,241.00		(8,365.00)
237800	1978	5,376.00	907.00		1,615.00		(708.00)
237900	1978	-	-	-	-	-	-
238000	1978	108,052.00			204,967.00		(204,967.00)
238100	1978	63,393.00	5,959.00				5,959.00
238200	1978	3,624.00	341.00				341.00
238300	1978	3,993.00	368.00				368.00
238400	1978	1,664.00	156.00				156.00
239400	1978	-	-	-	-	-	-
239500	1978	386.00					-
239620	1978	1,132.00					-
339010	1978	-	-	-	-	-	-
339010	1978	-	-	-	-	-	-
339100	1978	22,231.00	1,216.00				1,216.00
339220	1978	-	-	-	-	-	-
339300	1978	14,162.00	200.00				200.00
339400	1978	1,365.00					-
339400	1978	365.00					-
339620	1978	473.00					-
339700	1978	13,966.00	1,487.00	1,450.00	835.00		2,102.00
131100	1979	35,088.00	775.00	775.00	9,102.00		(7,552.00)
131200	1979	2,069,174.00			10,000.00		(10,000.00)
131400	1979	1,527,611.00					-
131500	1979	140,861.00	123.00		388.00		(265.00)
131600	1979	33,145.00			43.00		(43.00)
133500	1979	-	-	-	-	-	-
134100	1979	6,112.00			6,510.00		(6,510.00)
135210	1979	-	-	-	-	-	-
135310	1979	167,581.00	28,697.00		39,068.00		(10,371.00)
135400	1979	14,587.00	5,574.00		4,847.00		1,127.00
135500	1979	41,446.00	4,828.00	252.00	43,084.00		(37,904.00)
135600	1979	136,058.00	109,705.00	(105.00)	97,978.00		11,622.00
136100	1979	14,892.00			14,991.00		(14,991.00)
136100	1979	227.00			31.00		(31.00)
136200	1979	331,779.00	12,692.00		62,519.00		(49,827.00)
136200	1979	19,014.00			301.00		(301.00)
136400	1979	138,467.00	33,763.00	3,560.00	258,902.00		(221,579.00)
136500	1979	452,863.00	210,471.00	16,835.00	305,649.00		(78,342.00)
136600	1979	9,259.00	7,732.00	547.00	3,485.00		4,814.00
136700	1979	106,182.00	56,985.00	6,038.00	39,075.00		23,956.00
136800	1979	253,924.00	92,608.00	26,162.00	111.00		118,659.00
136910	1979	1,559.00	1,321.00		4,312.00		(2,391.00)
136920	1979	93,855.00	41,238.00	1,140.00	133,559.00		(91,181.00)
137000	1979	98,427.00	4,452.00		1,298.00		3,153.00
137310	1979	148,869.00	122,731.00	10,979.00	34,760.00		98,950.00
137320	1979	23,732.00	12,837.00	6,719.00	11,708.00		7,848.00
137340	1979	12,937.00					-
137340	1979	584.00					-

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139400	1979	354.00					-
139500	1979	388.00					-
139620	1979	4,571.00					-
235140	1979	-					-
235240	1979	37,681.00			4,452.00		(4,452.00)
235250	1979	21,317.00			16,727.00		(16,727.00)
235300	1979	70,270.00	162.00		2,301.00		(2,139.00)
235400	1979	491.00			34.00		(34.00)
236600	1979	-					-
23700	1979	1,106.00			27.00		(27.00)
238700	1979	26,412.00			2,367.00		(2,367.00)
237520	1979	-					-
237600	1979	172,699.00	9,716.00	9,716.00	23,406.00		(3,974.00)
237800	1979	9,959.00	1,305.00		2,994.00		(1,669.00)
237900	1979	467.00		510.00	510.00		510.00
238000	1979	117,239.00			197,632.00		(197,632.00)
238100	1979	65,005.00	33,385.00				33,385.00
238200	1979	3,778.00	1,757.00				1,757.00
238300	1979	-					-
238400	1979	-					-
239400	1979	125.00			24.00		(24.00)
239500	1979	525.00			25.00		(25.00)
239620	1979	252.00					-
339010	1979	7,500.00			3,367.00		(3,367.00)
339010	1979	6,838.00	101.00		500.00		(399.00)
339100	1979	20,209.00	1,928.00				1,928.00
339220	1979	-					-
339300	1979	162.00					-
339400	1979	1,777.00					-
339400	1979	1,379.00					-
339620	1979	-					-
339700	1979	38,007.00	3,829.00	1,340.00	2,467.00		2,702.00
131100	1980	4,245.00					-
131200	1980	553,764.00	2,500.00	2,500.00	39,529.00		(34,529.00)
131400	1980	8,705.00					-
131500	1980	127,304.00			1,849.00		(1,849.00)
131600	1980	1,734.00					-
133100	1980	9,400.00			25,350.00		(25,350.00)
133500	1980	-					-
135210	1980	-					-
135310	1980	40,617.00	23,892.00		4,429.00		19,463.00
135400	1980	-					-
135500	1980	63,017.00	13,285.00	328.00	50,091.00		(36,498.00)
135600	1980	88,768.00	42,301.00	145.00	83,134.00		(40,688.00)
136100	1980	-					-
136200	1980	80,952.00	23,855.00		2,016.00	21,839.00	43,678.00
136200	1980	86,873.00	11,973.00		10,402.00		1,571.00
136400	1980	189,410.00	23,112.00	1,330.00	344,058.00		(319,628.00)
136500	1980	552,752.00	316,439.00	18,225.00	449,450.00		(114,786.00)
136600	1980	72,242.00	35,588.00	5,100.00	27,304.00		13,384.00
136700	1980	245,023.00	175,118.00	11,186.00	82,494.00		103,810.00
136800	1980	212,513.00	32,463.00		236.00	2,565.00	34,792.00
136910	1980	16,927.00	2,234.00	435.00	10,258.00		(1,589.00)
136920	1980	93,701.00	41,382.00	70.00	139,530.00		(97,076.00)
137000	1980	162,946.00	1,921.00		1,266.00	654.00	1,309.00
137310	1980	288,781.00	151,952.00	6,745.00	75,591.00	67,617.00	152,723.00
137320	1980	31,861.00	15,748.00	3,042.00	21,807.00		(3,117.00)
137340	1980	42,785.00					-
137340	1980	1,873.00					-
139400	1980	194.00					-
139400	1980	2,646.00	218.00				218.00
139500	1980	465.00					-
139620	1980	669.00					-
235140	1980	-					-
235240	1980	-					-
235250	1980	-					-
235300	1980	138,024.00	102.00		6,466.00		(6,364.00)
235400	1980	-					-
235500	1980	3,497.00	1,775.00		628.00		1,147.00
235600	1980	-					-
235700	1980	-					-
236700	1980	10,811.00	7,966.00	7,010.00	780.00		14,196.00
237520	1980	3,262.00			203.00		(203.00)
237600	1980	135,991.00	10,367.00	10,367.00	43,895.00		(22,851.00)
237800	1980	7,907.00	6,115.00	1,807.00	3,865.00		4,317.00
237900	1980	2,695.00			389.00		(389.00)
238000	1980	118,701.00			165,368.00		(165,368.00)
238100	1980	91,210.00	41,020.00				41,020.00

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238200	1980	5,664.00	2,442.00				2,442.00
238300	1980	8,656.00	3,907.00				3,907.00
238400	1980	3,186.00	1,465.00				1,465.00
239400	1980	1,917.00					-
239500	1980	981.00					-
239620	1980						-
339010	1980	4,636.00			114.00		(114.00)
339010	1980	1,132.00			26.00		(26.00)
339040	1980	536.00					-
339100	1980	24,937.00	992.00				992.00
339220	1980	2,597.00					-
339300	1980	-					-
339400	1980	3,977.00					-
339400	1980	333.00					-
339620	1980	50.00					-
339700	1980	13,375.00	858.00	400.00	1,003.00		285.00
131100	1981	336,223.00			1,656.00		(1,656.00)
131200	1981	5,642,246.00			130,545.00		(130,545.00)
131400	1981	3,710,700.00					-
131500	1981	963,033.00	1,261.00				1,261.00
131600	1981	15,052.00	7,500.00				7,500.00
133500	1981	150.00			397.00		(387.00)
134400	1981	1,984.00					-
135210	1981	-					-
135310	1981	111,864.00	8,463.00		7,931.00		532.00
135400	1981	-					-
135500	1981	24,516.00	4,467.00	2,697.00	13,097.00	(2,612.00)	(8,545.00)
135600	1981	22,085.00	3,919.00	1,316.00	17,761.00	(1,815.00)	(14,341.00)
136100	1981	-					-
136200	1981	58,980.00	732.00		11,977.00		(11,245.00)
136200	1981	9,595.00	155.00		15,657.00		(15,502.00)
136400	1981	155,231.00	38,523.00	2,820.00	346,621.00		(305,278.00)
136500	1981	527,829.00	80,047.00	6,015.00	40,730.00		45,332.00
136600	1981	10,030.00	7,716.00	5,606.00	2,853.00	(896.00)	9,571.00
136700	1981	77,333.00	48,866.00	5,705.00	47,463.00	(2,285.00)	4,823.00
136800	1981	201,233.00	32,991.00		(96.00)		33,047.00
136910	1981	4,036.00	(1,715.00)		5,525.00		(7,240.00)
136920	1981	84,721.00	31,991.00	106.00	148,075.00	(2,539.00)	(118,517.00)
137000	1981	88,463.00	2,156.00	13.00	1,363.00		806.00
137310	1981	153,393.00	187,067.00	14,137.00	443,875.00		(242,671.00)
137320	1981	110,198.00	20,353.00	965.00	68,858.00	(1,348.00)	(48,898.00)
137340	1981	6,696.00					-
137340	1981	387.00					-
139400	1981	1,490.00					-
139500	1981	953.00	2.00				2.00
139620	1981	393.00					-
235140	1981	-					-
235240	1981	-					-
235250	1981	4,107.00	883.00				883.00
235300	1981	784.00			102.00		(102.00)
235400	1981	2,553.00	1,645.00				1,645.00
235500	1981	326.00	244.00		38.00		296.00
235600	1981	-					-
235700	1981	1,736.00	714.00				714.00
236700	1981	11,402.00	3,535.00	2,004.00	2,010.00	(448.00)	3,081.00
237520	1981	439.00			2,927.00		(2,927.00)
237600	1981	159,297.00	16,203.00	12,860.00	27,886.00	(3,298.00)	(2,124.00)
237800	1981	10,293.00	6,679.00	392.00	1,342.00	(39.00)	5,690.00
237900	1981	8,600.00	981.00		61.00		920.00
238000	1981	101,867.00			200,370.00		(200,370.00)
238100	1981	110,543.00	28,615.00		1.00		28,614.00
238200	1981	7,902.00	2,226.00				2,226.00
238300	1981	2,715.00	636.00				636.00
238400	1981	1,755.00	318.00				318.00
239400	1981	1,233.00					-
239500	1981	1,154.00					-
239620	1981	1,009.00					-
339010	1981	-					-
339010	1981	4,577.00	187.00		198.00		(11.00)
339100	1981	20,075.00	2,800.00				2,800.00
339220	1981	907.00					-
339300	1981	2,253.00			94.00		(94.00)
339400	1981	1,448.00					-
339400	1981	2,614.00					-
339620	1981	7,271.00	1,500.00				1,500.00
339700	1981	72,145.00	11,702.00		858.00		10,844.00
131100	1982	3,666.00			335.00		(335.00)
131200	1982	1,289,749.00			35,582.00		(35,582.00)

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131400	1982	6,074.00			620.00		(620.00)
131500	1982	8,574.00	999.00		993.00		6.00
131600	1982	350.00					-
133500	1982	335.00	5.00				5.00
135210	1982						-
135310	1982	81,838.00	2,515.00		53,854.00		(51,339.00)
135400	1982	20,560.00	4,278.00		4,178.00		100.00
135500	1982	47,269.00	14,688.00	10,078.00	36,388.00	(7,816.00)	(19,438.00)
135600	1982	101,611.00	13,663.00	1,777.00	81,320.00	(2,099.00)	(67,979.00)
136100	1982	1,167.00			1,592.00		(1,582.00)
136200	1982	193,517.00	114,161.00		64,540.00		49,621.00
136200	1982	39,448.00	25,155.00		13,078.00		12,077.00
136400	1982	182,068.00	64,556.00	5,931.00	370,293.00		(299,806.00)
136500	1982	543,637.00	130,604.00	10,284.00	475,181.00		(334,293.00)
136600	1982	35,125.00	4,772.00	236.00	9,631.00	(334.00)	(4,957.00)
136700	1982	143,403.00	37,173.00	3,458.00	43,246.00	(2,394.00)	(5,009.00)
136800	1982	203,899.00	17,774.00	8,641.00	73,305.00		(46,890.00)
136910	1982	17,760.00	3,779.00		15,258.00		(11,479.00)
136920	1982	100,354.00	(370.00)	(20,493.00)	184,299.00	(2,620.00)	(207,982.00)
137000	1982	118,455.00		(226.00)	1,845.00		(957.00)
137310	1982	222,372.00	138,501.00	10,507.00	62,623.00		86,305.00
137320	1982	64,912.00	50,024.00	194.00	31,311.00	(2,546.00)	16,361.00
137340	1982	6,641.00					-
137340	1982	406.00					-
139400	1982	432.00					-
139400	1982	3,251.00					-
139500	1982	2,661.00					-
139620	1982	-					-
235140	1982	1,070.00			68.00		(68.00)
235240	1982	8,329.00	233.00		4,903.00		(4,670.00)
235250	1982	5,139.00	328.00		12,077.00		(11,749.00)
235300	1982	193,835.50			2,803.00		(2,803.00)
235400	1982	-					-
235600	1982	-					-
235700	1982	1,772.00			50.00		(50.00)
236700	1982	73,199.00	45,675.00	45,675.00	1,295.00	(1,375.00)	86,680.00
237520	1982	244.00					-
237600	1982	217,806.00	3,569.00	3,530.00	49,541.00	(3,048.00)	(45,490.00)
237800	1982	13,359.00	7,519.00	4,521.00	1,666.00	(1,506.00)	6,968.00
237900	1982	10,165.00	1,891.00		2,437.00		(546.00)
238000	1982	118,377.00			262,552.00		(262,552.00)
238100	1982	177,501.00	11,893.00				11,893.00
238200	1982	14,862.00	915.00				915.00
238300	1982	2,105.00	131.00				131.00
238400	1982	959.00	131.00				131.00
239400	1982	1,735.00					-
239500	1982	748.00					-
239620	1982	963.00					-
339010	1982	-					-
339010	1982	3,996.00					-
339020	1982	261.00					-
339100	1982	26,300.00	1,795.00				1,795.00
339220	1982	246.00					-
339300	1982	-					-
339400	1982	650.00	25.00				25.00
339400	1982	-					-
339620	1982	-					-
339700	1982	253,234.00	62,034.00	5,544.00	1,563.00	(164.00)	65,861.00
131100	1983	527,107.00	11.00		734.00		(723.00)
131200	1983	2,872,642.00	10,535.00		34,486.00		(23,951.00)
131400	1983	2,465,234.00					-
131500	1983	302,710.00	688.00		(13.00)		701.00
131600	1983	309.00					-
133500	1983	(335.00)	(5.00)				(5.00)
134400	1983	10,000.00			366.00		(386.00)
135010	1983	-					-
135210	1983	-					-
135310	1983	52,035.00	8,841.00		19,019.00		(10,178.00)
135400	1983	360.00	800.00			(975.00)	625.00
135500	1983	13,572.00	11,855.00	11,476.00	4,636.00	(8,140.00)	10,546.00
135600	1983	20,414.00	1,612.00	1,145.00	3,684.00	(2,217.00)	(3,044.00)
136100	1983	10,896.00	1,691.00		2,037.00		(346.00)
136200	1983	188,126.00	31,251.00		22,350.00		8,901.00
136200	1983	(23,454.00)					(775.00)
136400	1983	178,082.00	64,182.00	6,520.00	325,544.00		(259,842.00)
136500	1983	695,940.00	144,111.00	14,676.00	715,609.00		(556,822.00)
136600	1983	17,862.00	5,599.00	(1,730.00)	11,697.00	(5,410.00)	(13,138.00)
136700	1983	207,947.00	174,026.00	16,898.00	26,307.00	(11,364.00)	153,251.00



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136600	1983	110,374.00	18,432.00	8,897.00	10,113.00		17,216.00
136910	1983	18,906.00	18,912.00	31.00	13,377.00	(26.00)	5,540.00
136920	1983	106,374.00	19,114.00	(15,557.00)	198,404.00	(4,581.00)	(199,428.00)
137000	1983	111,470.00	1,132.00	56.00	2,338.00		(1,151.00)
137310	1983	217,100.00	163,700.00	15,620.00	85,852.00		93,668.00
137320	1983	43,905.00	28,750.00	280.00	16,017.00	(1,846.00)	12,178.00
137340	1983	3,049.00					-
137340	1983	183.00					-
139400	1983	1,855.00					-
139500	1983	379.00					-
139620	1983	242.00					-
235120	1983	928.00	169.00		52.00		117.00
235140	1983	3,415.00	556.00		298.00		258.00
235240	1983	13,201.00			13,819.00		(13,819.00)
235250	1983	5,125.00			5,213.00		(5,213.00)
235300	1983	17,902.00	1,412.00		1,221.00		191.00
235400	1983	7,520.00	2,185.00		492.00		1,693.00
235600	1983	-			-		-
235700	1983	-			-		-
236700	1983	14,331.00	10,238.00	10,238.00	-	(256.00)	20,220.00
237520	1983	-			-		-
237600	1983	160,778.00	11,137.00	10,874.00	58,192.00	(2,035.00)	(38,216.00)
237800	1983	14,163.00	2,945.00		5,284.00		(2,339.00)
237900	1983	2,530.00			209.00		(209.00)
239000	1983	209,034.00			336,324.00		(336,324.00)
238100	1983	97,307.00	41,712.00				41,712.00
238200	1983	7,190.00	3,082.00				3,082.00
238300	1983	9,086.00	3,895.00				3,895.00
238400	1983	4,022.00	1,724.00				1,724.00
238500	1983	1,189.00			98.00		(98.00)
239400	1983	658.00					-
239500	1983	610.00					-
239620	1983	2,309.00					-
339010	1983	19,993.00	8.00		10,961.00		(10,953.00)
339010	1983	17,559.00			18,866.00		(18,866.00)
339020	1983	379.00					-
339100	1983	29,665.00	910.00				910.00
339220	1983	-					-
339300	1983	-					-
339400	1983	147.00	94.00				94.00
339400	1983	-					-
339620	1983	650.00					-
339700	1983	19,461.00	719.00	(100.00)	4,127.00	(1,642.00)	(5,150.00)
131100	1984	7,999,955.00			139,134.00		(139,134.00)
131200	1984	19,009,765.00	25,077.00		1,405,123.00		(1,380,046.00)
131400	1984	2,791,319.00					-
131500	1984	1,628,052.00			4,221.00		(4,221.00)
131600	1984	344,269.00					-
133100	1984	1,239.00					-
133500	1984	3,813.00					-
134300	1984	3,454.00			21.00		(21.00)
135210	1984	-			-		-
135310	1984	4,430.00					-
135400	1984	3,387.00	3,329.00	2,599.00		(13,863.00)	(7,735.00)
135500	1984	27,608.00	4,072.00	841.00	31,129.00	(2,166.00)	(28,382.00)
135600	1984	33,900.00	12,100.00	3,419.00	42,632.00	(17,862.00)	(44,975.00)
136100	1984	1,362.00			290.00		(290.00)
136100	1984	650.00			32.00		(32.00)
136200	1984	44,813.00	2,570.00		5,481.00		(2,881.00)
136200	1984	45,572.00	12.00		1,392.00		(1,380.00)
136400	1984	277,367.00	70,804.00	8,699.00	397,955.00	(51,367.00)	(398,819.00)
136500	1984	479,826.00	46,539.00	5,940.00	417,307.00	(36,062.00)	(398,890.00)
136600	1984	6,502.00	1,157.00	276.00	6,363.00	(29.00)	(4,957.00)
136700	1984	101,471.00	36,613.00	7,811.00	43,763.00	(9,448.00)	(2,732.00)
136800	1984	141,058.00	36,660.00	476.00	215,371.00		(178,235.00)
136910	1984	19,841.00	5,857.00		9,953.00		(4,096.00)
136920	1984	93,083.00	36,334.00	(57.00)	178,978.00	(5,710.00)	(148,411.00)
137000	1984	140,196.00	1,101.00		1,906.00		(505.00)
137310	1984	257,918.00	136,165.00	16,663.00	66,211.00	(8,536.00)	78,081.00
137320	1984	17,273.00	13,553.00	1,460.00	6,644.00	(3,282.00)	5,107.00
137340	1984	1,948.00					-
137340	1984	99.00					-
139400	1984	24,868.00					-
139500	1984	1,476.00					-
139620	1984	3,472.00					-
235120	1984	5,860.00			125.00		(125.00)
235140	1984	12,463.00	38.00		279.00		(241.00)
235240	1984	14,880.00	1,641.00		8,452.00		(6,811.00)

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235250	1984	13,921.00	1,119.00		5,323.00		(4,204.00)
235300	1984	52,364.00	1,355.00		1,613.00		(258.00)
235400	1984	223.00			131.00		(131.00)
235600	1984				-		-
235700	1984	2,300.00					-
236700	1984	24,720.00	332.00		1,397.00		(1,065.00)
237520	1984	1,013.00					-
237600	1984	200,202.00	4,368.00	4,279.00	53,539.00	(6,508.00)	(51,400.00)
237800	1984	21,073.00	9,882.00		2,210.00		7,652.00
237900	1984	924.00	1,011.00		210.00		801.00
238000	1984	223,005.00	132.00	132.00	319,483.00	(379.00)	(319,598.00)
238100	1984	84,422.00	31.00				31.00
238200	1984	7,108.00	3.00				3.00
238300	1984	5,681.00	2.00				2.00
238400	1984	2,744.00	1.00				1.00
238400	1984	1,935.00					-
239500	1984	1,408.00					-
239620	1984	-					-
339010	1984	-					-
339010	1984	5,644.00			6,574.00		(6,574.00)
339040	1984	5,552.00			2,481.00		(2,481.00)
339100	1984	17,437.00	438.00				438.00
339220	1984	6,500.00					-
339300	1984	1,319.00					-
339400	1984	-					-
339400	1984	2,200.00	450.00				450.00
339620	1984	-					-
339700	1984	40,780.00	4,231.00	1,274.00	6,936.00	(1,749.00)	(3,180.00)
131100	1985	27,301.00			57,980.00		(57,980.00)
131200	1985	11,336,125.00	24,791.00		1,868,829.00		(1,844,038.00)
131400	1985	7,690,532.00			899.00		(899.00)
131500	1985	1,108,851.00			2,002.00		(2,002.00)
131600	1985	68,016.00	53.00				53.00
133100	1985	100.00			3,175.00		(3,175.00)
133200	1985	-					-
135210	1985	763.00			264.00		(264.00)
135310	1985	217,227.00	2,908.00		102,797.00		(99,689.00)
135400	1985	9,098.00	6,504.00	3,786.00	18.00	(6,116.00)	4,196.00
135500	1985	37,544.00	2,689.00	394.00	20,131.00	(3,102.00)	(20,150.00)
135600	1985	35,840.00	11,744.00	(4,616.00)	16,522.00	(20,421.00)	(29,615.00)
136100	1985	5,052.00			1,509.00		(1,509.00)
136100	1985	850.00			22.00		(22.00)
136200	1985	33,701.00	58.00		5,000.00		(4,942.00)
136200	1985	32,662.00			2,816.00		(2,816.00)
136400	1985	244,216.00	75,535.00	8,976.00	410,597.00	(38,587.00)	(364,673.00)
136500	1985	335,524.00	106,996.00	11,628.00	850,531.00	(31,350.00)	(663,295.00)
136600	1985	12,231.00	3,439.00	742.00	4,907.00	(1,023.00)	(1,649.00)
136700	1985	81,883.00	33,104.00	5,921.00	40,095.00	(4,663.00)	(5,694.00)
136800	1985	572,242.00	20,800.00	3,376.00	17,010.00		7,166.00
136910	1985	5,200.00	3,690.00	354.00	7,671.00	(94.00)	(3,721.00)
136920	1985	79,987.00	22,947.00	6.00	180,278.00	(3,722.00)	(161,047.00)
137000	1985	18,196.00	1,351.00	289.00	664.00		1,175.00
137310	1985	184,583.00	81,948.00	7,863.00	30,456.00		39,855.00
137320	1985	45,940.00	30,160.00	4,763.00	3,073.00	(6,210.00)	25,640.00
137340	1985	4,226.00					-
137340	1985	215.00					-
139400	1985	183.00					-
139400	1985	-					-
139500	1985	884.00					-
139620	1985	-					-
235120	1985	110,552.00					-
235130	1985	4,627.00					-
235140	1985	128,728.00	100.00		157.00		(57.00)
235210	1985	330,734.00					-
235220	1985	241,330.00					-
235230	1985	4,360,096.00					-
235240	1985	1,378,120.00	28,820.00		291,281.00		(262,461.00)
235250	1985	1,187,451.00	27,626.00		227,089.00		(199,463.00)
235300	1985	1,115,831.00	149.00		1,944.00		(1,795.00)
235400	1985	469,280.00	4,305.00		221.00		4,084.00
235500	1985	69,599.00	1,229.00		391.00		898.00
235600	1985	52,643.00					-
235700	1985	7,519.00					-
236700	1985	25,785.00			1,043.00		(1,043.00)
237510	1985	278.00					-
237520	1985	-					-
237600	1985	303,208.00	3,285.00	3,285.00	67,392.00	(5,067.00)	(65,889.00)
237800	1985	3,117.00	1,982.00		1,355.00		627.00

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237900	1985	1,766.00			49.00		(49.00)	
238000	1985	348,052.00	(396.00)	(396.00)	407,896.00	244.00	(408,446.00)	
238100	1985	103,748.00					-	
238200	1985	7,238.00					-	
238300	1985	6,265.00					-	
238400	1985	2,561.00					-	
239400	1985	1,422.00					-	
239500	1985	398.00					-	
239620	1985	1,095.00					-	
339010	1985	4,238.00			5,959.00		(5,959.00)	
339010	1985	8,166.00	152.00		14,246.00		(14,006.00)	
339060	1985	1,280.00			73.00		(73.00)	
339100	1985	162,055.00	8,270.00				8,270.00	
339220	1985						-	
339300	1985	769.00					-	
339400	1985	2,767.00	150.00				150.00	
339400	1985	2,641.00					-	
339620	1985	648.00					-	
339700	1985	50,961.00	2,354.00	33.00	5,378.00	(116.00)	(3,107.00)	
131100	1986	33,061.00	10,787.00		29,750.00		(18,963.00)	
131200	1986	4,583,686.00	23,452.00		2,041,887.00		(2,018,535.00)	
131400	1986	18,073.00			813.00		(813.00)	
131500	1986	13,971.00					-	
131600	1986	7,808.00					-	
133500	1986	335.00	12.00				12.00	
135210	1986	17,767.00			15,241.00		(15,241.00)	
135310	1986	237,354.00	86,121.00		65,693.00		539.00	
135400	1986						-	
135500	1986	49,007.00	6,933.00	4,552.00	43,923.00	(7,588.00)	(40,026.00)	
135600	1986	13,323.00	18,127.00	9,729.00	34,477.00	(3,864.00)	(10,485.00)	
136100	1986	3,285.00			5,854.00		(5,854.00)	
136100	1986	4,245.00	1,613.00		3,992.00		(1,979.00)	
136200	1986	190,622.00	3,793.00		65,297.00		(61,504.00)	
136200	1986	170,265.00	62.00		33,929.00		(33,867.00)	
136400	1986	327,100.00	169,634.00	13,957.00	535,905.00	(50,347.00)	(402,661.00)	
136500	1986	734,893.00	201,787.00	15,228.00	662,152.00	(62,207.00)	(507,344.00)	
136600	1986	31,145.00	3,886.00	956.00	11,410.00	(594.00)	(7,182.00)	
136700	1986	200,003.00	67,745.00	9,560.00	93,047.00	(5,236.00)	(20,978.00)	
136800	1986	955,707.00	54,213.00	1,121.00	467,535.00	1,034.00	(411,167.00)	
136910	1986	3,660.00	1,858.00		6,477.00		(4,621.00)	
136920	1986	96,670.00	36,700.00	15,314.00	189,717.00	(3,263.00)	(140,966.00)	
137000	1986	469,863.00	1,529.00	(8.00)	153.00		1,368.00	
137310	1986	321,810.00	123,041.00	8,286.00	80,176.00	(8,472.00)	33,679.00	
137320	1986	120,740.00	144,238.00	64,352.00	27,854.00	(43,760.00)	137,276.00	
137340	1986	7,513.00					-	
137340	1986	690.00					-	
139400	1986	10,046.00					-	
139400	1986	5,528.00					-	
139500	1986	6,268.00					-	
139620	1986						-	
235130	1986	(1,233.00)					-	
235140	1986	1,715.00					-	
235240	1986	13,574.00			11,464.00		(11,464.00)	
235250	1986	23,771.00			15,118.00		(15,118.00)	
235300	1986	24,142.00	1,644.00		4,723.00		(3,079.00)	
235400	1986	483.00					-	
235500	1986	393.00					-	
235600	1986	759.00					-	
235700	1986	2,993.00			148.00		(148.00)	
236700	1986						-	
237520	1986						-	
237600	1986	462,023.00	34,141.00	33,937.00	92,961.00	(9,289.00)	(34,182.00)	
237600	1986	31,769.00	8,164.00		7,144.00		1,040.00	
237900	1986	6,457.00	4,402.00		265.00		4,117.00	
238000	1986	230,064.00			289,929.00		(289,929.00)	
238100	1986	117,384.00	22,966.00	19,251.00			42,217.00	
238200	1986	8,477.00	1,568.00	1,313.00			2,879.00	
238300	1986	5,507.00	1,044.00	975.00			1,919.00	
238400	1986	2,350.00	522.00	438.00			960.00	
239400	1986	4,954.00					-	
239400	1986	1,241.00					-	
239500	1986						-	
239620	1986						-	
339010	1986	23,368.00			18,015.00		(18,015.00)	
339010	1986						-	
339040	1986	752.00			17.00		(17.00)	
339100	1986	29,646.00	1,169.00				1,169.00	
339220	1986						-	

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339300	1986	3,471.00			91.00		(91.00)
339400	1986	2,480.00			15.00		(15.00)
339400	1986	772.00					-
339620	1986						-
339700	1986	70,934.00	772.00		5,416.00		(4,644.00)
131100	1987	125,887.00	69.00		20,183.00		(20,114.00)
131200	1987	5,711,646.00	7,564.00		882,146.00		(874,582.00)
131400	1987	43,600.00	17.00		2,608.00		(2,589.00)
131500	1987	807,408.00	926.00		95,661.00		(94,755.00)
131600	1987	5,311.00					-
133400	1987	4,563.00	132.00		2,770.00		(2,636.00)
133500	1987						-
134400	1987	5,000.00			1,209.00		(1,209.00)
135210	1987	5,215.00					-
135310	1987	409,677.00	155,385.00		90,072.00		65,313.00
135400	1987						-
135500	1987	76,286.00	919.00	297.00	73,033.00	(3,055.00)	(74,872.00)
135600	1987	26,816.00	(174.00)	(278.00)	14,691.00	(107.00)	(15,250.00)
136100	1987	11,854.00			580.00		(560.00)
136100	1987	1,428.00					(133.00)
136200	1987	628,151.00	56,987.00		33,270.00		23,727.00
136200	1987	42,750.00			3,001.00		(3,001.00)
136400	1987	205,456.00	161,249.00	9,164.00	378,673.00	(24,917.00)	(233,177.00)
136500	1987	201,036.00	157,760.00	8,967.00	370,527.00	(24,381.00)	(228,161.00)
136600	1987	22,046.00	6,321.00	247.00	12,857.00	(14.00)	(6,303.00)
136700	1987	156,282.00	65,556.00	5,781.00	33,221.00	(1,715.00)	36,401.00
136800	1987	662,152.00	41,628.00		14,562.00		27,066.00
136910	1987	11,475.00	5,439.00		5,913.00		(474.00)
136920	1987	79,882.00	62,694.00	3,563.00	147,230.00	(9,686.00)	(90,661.00)
137000	1987	507,099.00	5,646.00		5,543.00		103.00
137310	1987	277,917.00	218,118.00	12,396.00	512,224.00	(33,704.00)	(315,414.00)
137320	1987	101,319.00	55,382.00	19,593.00	3,266.00	(16,487.00)	55,222.00
137340	1987	3,344.00	21.00				21.00
137340	1987	230.00	1.00				1.00
139400	1987	5,360.00					-
139500	1987	2,015.00					-
139620	1987	1,559.00	48.00				48.00
235140	1987						-
235240	1987						-
235250	1987	(25.00)					-
235300	1987	94,114.00	2,329.00	1,693.00	4,465.00	(170.00)	(613.00)
235400	1987						-
235500	1987	3,950.00			590.00		(590.00)
235600	1987	13,241.00			7,656.00		(7,656.00)
235700	1987						-
236700	1987	83,400.00	119,180.00		379,088.00		(259,888.00)
237520	1987	5,414.00					-
237600	1987	293,096.00	8,652.00	8,507.00	99,343.00	(1,136.00)	(83,920.00)
237800	1987	1,457.00			1,214.00		(1,214.00)
237900	1987	5,341.00	3,452.00		99.00		3,353.00
238000	1987	281,537.00			318,085.00		(318,085.00)
238100	1987	117,595.00	1,394.00				1,394.00
238200	1987	9,752.00	115.00				115.00
238300	1987	1,494.00	17.00				17.00
238400	1987	601.00	8.00				8.00
238400	1987	728.30			54.00		(54.00)
239500	1987	6,032.00					-
239620	1987	7,200.00					-
338010	1987						-
339010	1987	1,431.00					-
339060	1987	1,009.00			138.00		(138.00)
339100	1987	88,144.00	5,120.00				5,120.00
339220	1987	404.00					-
339300	1987	17,005.00					-
339400	1987						-
339400	1987	2,628.00	62.00				62.00
339620	1987	200.00					-
339700	1987	27,034.00	161.00		2,536.00		(2,355.00)
339800	1987	2,529.00					-
131100	1988	19,638.00					-
131200	1988	981,609.00	(84.00)		220,046.00		(220,130.00)
131400	1988	122,693.00					-
131500	1988	12,928.00	(10.00)		3,297.00		(3,307.00)
131600	1988	1,311.00					-
133100	1988	1,519.00					-
133400	1988	9,437.00			6,306.00		(6,306.00)
133500	1988	3,546.00					-
134400	1988	290.00					-

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135210	1988	13,043.00					-
135310	1988	530,419.00	246,275.00		92,126.00		154,149.00
135400	1988	-					-
135500	1988	104,755.00	3,889.00	2,069.00	42,891.00	(1,242.00)	(38,175.00)
135500	1988	56,186.00	1,884.00	711.00	34,075.00	(230.00)	(31,710.00)
136100	1988	1,142.00					-
136100	1988	-					-
136200	1988	138,598.00			49,179.00		(49,179.00)
136200	1988	62,630.00			3,442.00		(3,442.00)
136400	1988	326,844.00	237,784.00	12,598.00	297,521.00	(29,242.00)	(76,401.00)
136500	1988	629,361.00	457,692.00	24,250.00	572,723.00	(58,291.00)	(147,072.00)
136600	1988	17,311.00	2,215.00	247.00	10,687.00	(303.00)	(8,528.00)
136700	1988	142,346.00	101,628.00	6,286.00	31,419.00	(4,356.00)	72,139.00
136800	1988	570,247.00	1,416.00	1,867.00	37,991.00		(34,709.00)
136910	1988	2,136.00	63.00		2,155.00		(2,082.00)
136920	1988	75,797.00	55,122.00	2,921.00	66,976.00	(6,779.00)	(17,712.00)
137000	1988	397,772.00	3,865.00		4,332.00		(466.00)
137310	1988	342,642.00	249,326.00	13,210.00	311,988.00	(30,664.00)	(80,116.00)
137320	1988	75,608.00	44,719.00	11,447.00	16,444.00	(1,636.00)	36,086.00
137340	1988	21,414.00	36.00	48.00	962.00		(878.00)
137340	1988	762.00					-
139400	1988	800.00					-
139400	1988	3,166.00					-
139500	1988	5,866.00					-
139620	1988	811.00					-
235140	1988	1,262.00			40.00		(40.00)
235230	1988	2,436,066.00					-
235240	1988	247,022.00	(1,921.00)	(1,921.00)	5,824.00		(9,666.00)
235250	1988	314,880.00	(1,187.00)	(1,187.00)	6,804.00		(9,178.00)
235300	1988	415,320.00					-
235400	1988	-					-
235600	1988	-					-
235700	1988	1,283.00			43.00		(43.00)
236700	1988	-					-
237520	1988	-					-
237600	1988	165,505.00	31,564.00	32,869.00	60,202.00	(7,773.00)	(3,522.00)
237800	1988	11,721.00	1,142.00		1,391.00		(249.00)
237900	1988	22,533.00					-
238000	1988	247,152.00	(16.00)		505,594.00		(505,610.00)
238100	1988	136,792.00	8,065.00				8,065.00
239200	1988	6,294.00					-
239300	1988	11,379.00					-
238400	1988	4,702.00					-
239400	1988	2,016.00					-
239500	1988	-					-
239600	1988	418.00					-
339010	1988	28,289.00			2,068.00		(2,068.00)
339010	1988	5,835.00	1,143.00		819.00		524.00
339100	1988	274,035.00	12,543.00	11,400.00	(20.00)		23,983.00
339220	1988	4,342.00					-
339300	1988	-					-
339400	1988	2,163.00	52.00				52.00
339400	1988	-					-
339820	1988	257.00	125.00				125.00
339700	1988	33,348.00	578.00	508.00	2,420.00	(158.00)	(1,494.00)
131100	1989	4,499.00					-
131200	1989	1,150,890.00			29,619.00		(29,619.00)
131400	1989	-					-
131500	1989	97,796.00					-
131600	1989	318.00	175.00				175.00
133400	1989	74,507.00			2,186.00		(2,186.00)
133500	1989	225.00					-
135210	1989	-					-
135310	1989	27,770.00			902.00		(902.00)
135310	1989	73,189.00	5,536.00		8,344.00		(2,808.00)
135400	1989	3,250.00				(8,836.00)	(8,836.00)
135500	1989	131,938.00	52,868.00	33,139.00	109,993.00	(8,968.00)	(32,944.00)
135900	1989	36,537.00	22,837.00	15,896.00	31,313.00	(10,980.00)	(3,780.00)
136100	1989	2,985.00			225.00		(225.00)
136100	1989	-					-
136200	1989	84,697.00	2,803.00		7,974.00		(5,171.00)
136200	1989	233,586.00	4,818.00		33,223.00		(28,411.00)
136400	1989	251,258.00	163,339.00	4,767.00	197,053.00	(21,516.00)	(50,463.00)
136500	1989	612,378.00	398,098.00	11,819.00	480,265.00	(52,443.00)	(122,981.00)
436690	1989	27,180.00	5,701.00		213.00		(161.00)
136700	1989	185,975.00	115,195.00	2,205.00	85,975.00	(1,606.00)	29,819.00
136800	1989	276,028.00	5,540.00	(195.00)	370,808.00		(365,563.00)
136910	1989	12,193.00	5,341.00		11,112.00		(5,771.00)

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136920	1989	66,533.00	43,274.00	1,262.00	52,209.00	(5,685.00)	(13,358.00)
137000	1988	509,256.00	60,395.00		43,076.00		17,319.00
137310	1989	529,400.00	344,326.00	10,044.00	415,426.00	(45,234.00)	(106,290.00)
137320	1989	164,400.00	47,256.00		30,599.00	(220.00)	16,437.00
137340	1989	1,875.00	37.00	36.00	3,685.00		(3,612.00)
137340	1989	85.00					-
139400	1989	2,110.00					-
139500	1989	5,813.00					-
139520	1989						-
235120	1989	200.00					-
235140	1989	2,594.00	1,472.00	27.00	3,698.00	173.00	(2,026.00)
235240	1989	13,281.00	-	-	-	-	-
235250	1989	7,178.00	-	-	-	-	-
235300	1989	45,430.00			1,128.00		(1,128.00)
235400	1989						-
235500	1989	2,566.00					-
235600	1989	3,331.00					-
235700	1989						-
236700	1989	17,304.00					-
237520	1989						-
237600	1989	189,730.00	3,844.00	3,844.00	45,084.00	(2,895.00)	(40,291.00)
237600	1989	10,828.00	403.00		1,629.00		(1,426.00)
237900	1989						-
238000	1989	481,388.00	71.00		520,680.00		(520,609.00)
238100	1989	55,046.00	341.00		(433.00)		774.00
238200	1989	6,050.00					-
238300	1989	6,433.00					-
238400	1989	3,783.00					-
239400	1989						-
239600	1989						-
239620	1989						-
339010	1989	13,615.00			6,476.00		(8,476.00)
339010	1989	54,746.00	449.00		46,762.00		(46,313.00)
339100	1989	148,577.00	1,156.00		215.00		941.00
339220	1989	10,269.00	2,111.00				2,111.00
339300	1989						-
339400	1989	10,904.00	1,654.00		61,113.00		(59,459.00)
339400	1989	4,693.00	2,488.00				2,488.00
339620	1989	1,574.00	841.00				841.00
339700	1989	44,524.00	4,140.00		10,469.00		(6,329.00)
131100	1990						-
131120	1990	274,896.00			45,528.00		(45,528.00)
131400	1990	15,000.00					-
131500	1990	76,484.00	2,100.00		(16,433.00)		18,533.00
131600	1990	17,214.00			(1,000.00)		1,000.00
133500	1990						-
135210	1990						-
135310	1990	30,997.00			2,527.00		(2,527.00)
135400	1990						-
135500	1990	70,809.00	15,867.00	9,351.00	33,074.00	(7,260.00)	(15,116.00)
135600	1990	157,597.00	10,991.00	1,229.00	31,997.00	(1,349.00)	(21,126.00)
136100	1990						-
136100	1990						-
136200	1990	27,794.00			1,912.00		(1,912.00)
136200	1990	1,726.00	11.00		8,501.00		(8,490.00)
136400	1990	232,795.00	168,011.00	11,213.00	232,977.00	(17,834.00)	(71,587.00)
136500	1990	574,864.00	414,886.00	27,889.00	575,312.00	(44,039.00)	(176,776.00)
136600	1990	56,368.00	21,480.00	10,939.00	12,376.00		(4,150.00)
136700	1990	192,163.00	88,746.00	29,158.00	54,750.00	(13,930.00)	49,224.00
136800	1990	170,575.00	8,859.00		(15,313.00)		24,172.00
136910	1990	11,158.00	1,556.00		6,640.00		(5,084.00)
136920	1990	64,751.00	46,732.00	3,119.00	64,802.00	(4,960.00)	(19,911.00)
137000	1990	269,610.00	3,617.00		37,279.00		(33,662.00)
137310	1990	392,777.00	263,472.00	18,919.00	393,084.00	(30,089.00)	(120,782.00)
137320	1990	145,133.00	28,160.00	(139.00)	49,593.00	(204.00)	(21,776.00)
137340	1990	1,985.00	89.00		(177.00)		266.00
137340	1990	79.00					-
139400	1990	5,585.00					-
139500	1990						-
139620	1990	599.00					-
235140	1990						-
235240	1990	5,284.00					-
235250	1990	4,000.00					-
235300	1990	16,428.00					-
235400	1990						-
235600	1990	14,016.00					-
235700	1990						-
236700	1990	11,135.00					-

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237520	1990	990.00					-
237600	1990	150,123.00	17,522.00	17,522.00	26,229.00	(5,508.00)	3,307.00
237800	1990	12,149.00	2,276.00		3,090.00		(814.00)
237900	1990	41,822.00					-
238000	1990	442,928.00			549,593.00		(549,593.00)
238100	1990	99,180.00	882.00		(6,543.00)		7,425.00
238200	1990	10,525.00					-
238300	1990	6,039.00					-
238400	1990	3,634.00					-
238400	1990	-					-
238500	1990	-					-
238620	1990	-					-
338010	1990	-					-
339010	1990	297.00					-
339040	1990	1,694.00					-
339060	1990	1,139.00					-
339100	1990	927,695.00	25,036.00		(194.00)		25,230.00
339220	1990	-					-
339300	1990	-					-
339400	1990	-					-
339400	1990	-					-
339620	1990	-					-
339700	1990	157,605.00			5,806.00		(5,806.00)
131100	1991	67,462.00			17,694.00		(17,694.00)
131200	1991	514,723.00			1,963.00		(1,963.00)
131400	1991	1,408,843.00					-
131500	1991	313,936.00			1,028.00		(1,028.00)
131600	1991	15,966.00					-
133500	1991	-					-
133500	1991	525.00					-
134300	1991	8,498.00					-
135210	1991	4,469.00			500.00		(500.00)
135310	1991	129,160.00			3,993.00		(3,993.00)
135400	1991	8,495.00			2,035.00		(2,035.00)
135500	1991	139,613.00	2,581.00	(1,236.00)	42,345.00	2,236.00	(38,764.00)
135600	1991	141,259.00	3,977.00	(1,653.00)	48,614.00	3,316.00	(42,974.00)
136100	1991	210.00			479.00		(479.00)
136100	1991	-					-
136200	1991	183,243.00			17,379.00		(17,379.00)
136200	1991	162,590.00			810.00		(810.00)
136400	1991	230,349.00	161,299.00	4,472.00	298,421.00	(14,250.00)	(56,990.00)
136500	1991	826,505.00	564,748.00	15,656.00	729,733.00	(49,893.00)	(199,222.00)
136500	1991	17,777.00	552.00		176.00		(138.00)
136700	1991	202,959.00	42,684.00	3,245.00	130,649.00	(2,288.00)	(87,008.00)
136800	1991	221,603.00	53,954.00	(34.00)	15,120.00		38,800.00
136910	1991	1,172.00	49.00		2,790.00		(2,791.00)
136920	1991	48,458.00	33,939.00	941.00	43,854.00	(2,998.00)	(11,972.00)
137000	1991	306,721.00	1,644.00		33,402.00		(31,758.00)
137310	1991	338,835.00	237,266.00	6,578.00	306,581.00	(20,961.00)	(83,698.00)
137320	1991	114,736.00	7,252.00	1,175.00	37,842.00	(7,901.00)	(37,316.00)
137340	1991	11,303.00	2,993.00	(2.00)	839.00		2,152.00
137340	1991	555.00					-
139400	1991	2,205.00					-
139400	1991	7,634.00					-
139500	1991	-					-
139620	1991	900.00					-
235140	1991	-					-
235240	1991	17,326.00			3,313.00		(3,313.00)
235250	1991	26,100.00			5,194.00		(5,194.00)
235300	1991	61,296.00	614.00		1,150.00		(538.00)
235400	1991	4,797.00			363.00		(363.00)
235600	1991	4,736.00					-
235700	1991	-					-
235700	1991	9,540.00			266.00		(256.00)
237520	1991	607.00					-
237600	1991	263,641.00	1,203.00	1,203.00	72,307.00	(341.00)	(70,242.00)
237800	1991	12,634.00			843.00		(843.00)
237900	1991	38,235.00					-
238000	1991	520,043.00			891,568.00		(891,568.00)
238100	1991	95,454.00	911.00				911.00
238200	1991	10,450.00					-
238300	1991	20,519.00					-
238400	1991	7,205.00					-
238700	1991	6,897.00	651.00				651.00
238400	1991	-					-
238500	1991	20,443.00					-
239620	1991	30,448.00					-
338010	1991	500.00					-

Louisville Gas & Electric Company Salvage & Cost of Removal Study 1972 - 2017							
Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
339010	1991	237.00					-
339100	1991	71,379.00	215.00				215.00
339220	1991	15,794.00	1,490.00				1,490.00
339300	1991						-
339400	1991	565.00					-
339400	1991	-					-
339620	1991	-					-
339700	1991	60,019.00	2,351.00	2,351.00	(474.00)	(1,725.00)	3,451.00
131100	1992	141,612.00			1,588.00		(1,588.00)
131200	1992	657,502.00			(37,556.00)		37,556.00
131400	1992	15,000.00					-
131500	1992	61,486.00			10,547.00		(10,547.00)
131600	1992	5,162.00					-
133500	1992						-
135210	1992	5,166.00			18.00		(18.00)
135310	1992	105,050.00			10,953.00		(10,953.00)
135400	1992	131,331.00	804.00		51,526.00	(904.00)	(51,628.00)
135500	1992	55,786.00	2,890.00	1,443.00	5,435.00	(187.00)	(1,289.00)
135600	1992	122,126.00	4,001.00	428.00	12,173.00	(75.00)	(7,819.00)
135100	1992	1,774.00			36.00		(36.00)
136100	1992	500.00					-
136200	1992	26,822.00			100.00		(100.00)
136200	1992	233,626.00			338.00		(338.00)
136400	1992	167,920.00	100,073.00	1,792.00	174,775.00	(12,200.00)	(65,110.00)
136500	1992	472,440.00	291,553.00	5,042.00	491,727.00	(34,324.00)	(239,456.00)
136600	1992	17,070.00	896.00		3,150.00		(3,254.00)
136700	1992	113,814.00	12,459.00	(1,260.00)	37,334.00	(817.00)	(26,952.00)
136800	1992	432,054.00	76,434.00	-	10,061.00		68,373.00
136910	1992	6,267.00	1,499.00		16,177.00		(14,679.00)
136920	1992	26,511.00	15,659.00	284.00	27,697.00	(1,933.00)	(13,487.00)
137000	1992	500,495.00	8,146.00		42,423.00		(34,277.00)
137310	1992	316,197.00	188,439.00	3,375.00	329,106.00	(22,972.00)	(160,264.00)
137320	1992	67,771.00	10,266.00	2,827.00	15,323.00	(1,274.00)	(3,504.00)
137340	1992	2,359.00	389.00	-	43.00		346.00
137340	1992	101.00					-
138220	1992	15,173.00	2,683.00		5.00		2,678.00
138400	1992	4,977.00					-
139500	1992	1,873.00					-
139620	1992	256.00					-
235120	1992	2,102.00					-
235140	1992	2,000.00					-
235240	1992	23,812.00					-
235250	1992	58,108.00					-
235300	1992	85,490.00			308.00		(308.00)
235400	1992	21,418.00			1,410.00		(1,410.00)
235600	1992	9,743.00			8,139.00		(8,133.00)
235700	1992	10,874.00					-
236700	1992	116,707.00					-
237520	1992	15,943.00			300.00		(300.00)
237600	1992	209,976.00	4,931.00	4,931.00	32,063.00	(1,196.00)	(23,397.00)
237800	1992	130,889.00			5,761.00		(5,761.00)
237900	1992	76,537.00	2,330.00				2,330.00
238000	1992	514,845.00			1,215,601.00	(207.00)	(1,215,808.00)
238100	1992	619,839.00	63.00				63.00
238200	1992	113,689.00					-
238300	1992	21,514.00			93.00		(93.00)
238400	1992	16,765.00			81.00		(81.00)
239220	1992	8,769.00	1,914.00		8.00		1,906.00
239400	1992	3,017.00			(6,012.00)		8,012.00
239400	1992	1,074.00					-
239500	1992	-					-
239620	1992	5,997.00	750.00				750.00
339010	1992						-
339010	1992						-
339100	1992	3,139,514.00	1,318.00				1,318.00
339220	1992	3,338.00					-
339300	1992	-					-
339400	1992	32,327.00	2,264.00				2,264.00
339400	1992	42,265.00	7,229.00				7,229.00
339520	1992	100.00	778.00				778.00
339700	1992	51,909.00	1,954.00	558.00	4,843.00	(339.00)	(2,670.00)
131100	1993	279,758.00			44,837.00		(44,837.00)
131200	1993	727,737.00	8,692.00		(130,969.00)		130,961.00
131400	1993	22,000.00			534.00		(534.00)
131500	1993	473,682.00			(6,732.00)		6,732.00
131600	1993	137,323.00					-
133100	1993	19,092.00			5,937.00		(5,937.00)
134400	1993	2,000.00			195.00		(195.00)



**Louisville Gas & Electric Company**  
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Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
135210	1993	26,316.00			949.00		(949.00)
135310	1993	204,560.00	5,264.00		31,374.00		(26,110.00)
135400	1993	-					-
135500	1993	19,363.00	2,293.00	2,293.00	8,553.00	(1,528.00)	(5,495.00)
135600	1993	21,079.00	1,563.00	1,554.00	1,893.00	(2,053.00)	(839.00)
136100	1993	12,449.00			1,105.00		(1,105.00)
136100	1993						-
136200	1993	22,379.00					-
136200	1993	66,582.00					-
136400	1993	176,283.00	62,759.00	597.00	166,194.00	(11,989.00)	(116,827.00)
136500	1993	534,481.00	163,514.00	1,746.00	495,651.00	(35,057.00)	(345,448.00)
136600	1993	2,544.00	39.00	20.00	2,780.00	(46.00)	(2,767.00)
136700	1993	73,068.00	10,762.00	-	76,295.00	1,698.00	(65,835.00)
136800	1993	482,224.00	107,697.00	-	81,251.00	12,178.00	36,624.00
136910	1993	87,670.00	1,404.00		32,303.00		(31,399.00)
136920	1993	31,909.00	11,360.00	108.00	30,445.00	(2,170.00)	(21,147.00)
137000	1993	467,850.00	14,632.00		42,890.00		(28,348.00)
137310	1993	365,761.00	127,423.00	1,213.00	343,076.00	(24,341.00)	(238,781.00)
137320	1993	69,450.00	2,913.00	42.00	29,167.00	(99.00)	(26,311.00)
137340	1993	-					-
137340	1993	-					-
139220	1993	5,270.00			270.00		(270.00)
139400	1993	7,190.00					-
139400	1993	11,274.00					-
139500	1993	132.00					-
139620	1993	-					-
235240	1993	-					-
235250	1993	15,155.00					-
235300	1993	26,348.00					-
235400	1993	3,927.00					-
235600	1993	14,757.00					-
236700	1993	37,225.00					-
237520	1993	1,314.00			92.00		(92.00)
237600	1993	288,410.00	193.00	193.00	18,996.00	(92.00)	(18,702.00)
237800	1993	27,466.00			3,182.00		(3,182.00)
237900	1993	-					-
238000	1993	985,624.00			880,392.00	(280.00)	(880,652.00)
238100	1993	462,069.00			(1,806.00)		1,806.00
238200	1993	75,350.00			(294.00)		294.00
238300	1993	11,695.00					-
238400	1993	7,339.00					-
239400	1993	-					-
239500	1993	-					-
239620	1993	-					-
339010	1993	24,841.00					-
339010	1993	45,264.00			9,139.00		(9,139.00)
339100	1993	46,945.00	957.00				957.00
339200	1993	431.00					-
339300	1993	7,909.00					-
339400	1993	-					-
339400	1993	-					-
339700	1993	64,042.00			2,666.00		(2,666.00)
131100	1994	52,490.00					-
131200	1994	518,558.00	4,250.00		102,303.00		(98,053.00)
131400	1994	110,318.00			22,262.00		(22,262.00)
131500	1994	22,000.00					-
131600	1994	-					-
135210	1994	11,420.00			541.00		(541.00)
135310	1994	131,400.00	24,844.00	8,200.00	5,789.00	(448.00)	27,807.00
135400	1994	-					-
135500	1994	85,604.00	20,099.00	17,484.00	12,095.00	(8,494.00)	16,994.00
135600	1994	96,818.00	13,317.00	6,125.00	17,323.00	(3,285.00)	(1,166.00)
136100	1994	39,323.00			651.00		(651.00)
136100	1994						-
136200	1994	103,048.00	91.00		559.00		(468.00)
136200	1994	54,420.00			444.00		(444.00)
136400	1994	194,097.00	48,428.00	8,490.00	236,526.00	(13,833.00)	(193,441.00)
136500	1994	280,296.00	70,724.00	12,399.00	345,425.00	(20,202.00)	(282,504.00)
136600	1994	1,717.00	52.00		381.00		(329.00)
136700	1994	102,703.00	25,973.00	2,946.00	64,417.00	(1,411.00)	(36,903.00)
136800	1994	2,774,303.00	190,848.00	159,306.00	74,767.00		275,389.00
136910	1994	3,677.00	231.00		18,746.00		(16,515.00)
136920	1994	14,263.00	3,604.00	632.00	17,602.00	(1,029.00)	(14,395.00)
137000	1994	595,594.00	65,339.00		28,969.00		37,350.00
137310	1994	419,634.00	108,028.00	18,589.00	517,857.00	(30,287.00)	(423,526.00)
137320	1994	89,719.00	11,866.00	24.00	33,943.00	(73.00)	(22,026.00)
137340	1994	-					-
137340	1994	-					-

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Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
139220	1994	-	-	-	-	-	-
139400	1994	-	-	-	-	-	-
139400	1994	-	-	-	-	-	-
139600	1994	418.00	-	-	-	-	-
139620	1994	-	-	-	-	-	-
235240	1994	-	-	-	-	-	-
235250	1994	9,352.00	-	-	-	-	-
235300	1994	-	-	-	-	-	-
235400	1994	15,000.00	-	-	-	-	-
235600	1994	-	-	-	-	-	-
237510	1994	1,762.00	-	-	31.00	-	(31.00)
237520	1994	7,197.00	-	-	-	-	-
237600	1994	144,869.00	5,395.00	5,395.00	7,268.00	(834.00)	2,688.00
237800	1994	4,498.00	-	-	12,749.00	-	(12,749.00)
237900	1994	25,570.00	-	-	-	-	-
238000	1994	381,527.00	-	-	540,459.00	-	(540,459.00)
238100	1994	292,508.00	6,725.00	-	(52.00)	-	6,777.00
238200	1994	43,856.00	-	-	-	-	-
238300	1994	-	-	-	-	-	-
238400	1994	-	-	-	-	-	-
238220	1994	3,255.00	400.00	-	-	-	400.00
239400	1994	603.00	-	-	-	-	-
239500	1994	-	-	-	-	-	-
239520	1994	-	-	-	-	-	-
339010	1994	-	-	-	-	-	-
339010	1994	(2,931.00)	-	-	-	-	-
339040	1994	525.00	-	-	-	-	-
339060	1994	761.00	-	-	-	-	-
339100	1994	-	-	-	-	-	-
339220	1994	128,910.00	78,304.00	-	304.00	-	78,000.00
339300	1994	-	-	-	-	-	-
339400	1994	-	-	-	-	-	-
339400	1994	561,980.00	108,578.00	-	8,912.00	-	99,866.00
339500	1994	24,858.00	4,822.00	-	396.00	-	4,426.00
339620	1994	370,828.00	71,646.00	-	5,881.00	-	65,765.00
339700	1994	43,479.00	458.00	-	1,452.00	-	(994.00)
131100	1995	258,855.00	1,279.00	-	21,369.00	(4.00)	(20,034.00)
131200	1995	8,391,354.00	41,471.00	-	687,152.00	(139.00)	(645,820.00)
131400	1995	4,566,240.00	22,567.00	-	376,944.00	(75.00)	(354,452.00)
131500	1995	822,779.00	4,066.00	-	67,921.00	(14.00)	(63,869.00)
131600	1995	114,896.00	588.00	-	9,485.00	(2.00)	(8,919.00)
133100	1995	8,921.00	-	-	940.00	-	(940.00)
133100	1995	237.00	-	-	26.00	-	(26.00)
133200	1995	1,016.00	-	-	111.00	-	(111.00)
133400	1995	143,390.00	-	-	15,641.00	-	(15,641.00)
133500	1995	1,603.00	-	-	176.00	-	(176.00)
133500	1995	920.00	-	-	100.00	-	(100.00)
134300	1995	13,003.00	-	-	479.00	-	(479.00)
134400	1995	16,367.00	-	-	603.00	-	(603.00)
134500	1995	36,041.00	-	-	1,329.00	-	(1,329.00)
134600	1995	1,263.00	-	-	47.00	-	(47.00)
135210	1995	3,295.00	57.00	-	95.00	-	(38.00)
135310	1995	582,842.00	9,988.00	-	16,868.00	-	(6,880.00)
135400	1995	-	-	-	-	-	-
135500	1995	27,541.00	1,127.00	7,052.00	32,034.00	(776.00)	(24,831.00)
135600	1995	33,122.00	1,356.00	8,481.00	38,529.00	(933.00)	(28,622.00)
136100	1995	22,668.00	410.00	-	210.00	(5.00)	195.00
136100	1995	-	-	-	-	-	-
136200	1995	294,542.00	5,321.00	-	2,734.00	(83.00)	2,524.00
136200	1995	349,800.00	8,319.00	-	3,247.00	(75.00)	2,997.00
136400	1995	165,819.00	13,724.00	-	229,233.00	(46.00)	(215,555.00)
136500	1995	348,063.00	29,807.00	-	481,174.00	(96.00)	(452,463.00)
136600	1995	18,148.00	1,502.00	-	25,969.00	(5.00)	(23,591.00)
136700	1995	214,389.00	17,744.00	-	296,378.00	(59.00)	(278,693.00)
136800	1995	(762,161.00)	63,080.00	-	1,053,638.00	211.00	(950,347.00)
136910	1995	2,923.00	242.00	-	4,041.00	(1.00)	(3,800.00)
136920	1995	11,188.00	926.00	-	15,487.00	(3.00)	(14,544.00)
137000	1995	316,661.00	26,390.00	-	440,805.00	(88.00)	(414,503.00)
137310	1995	346,204.00	23,653.00	-	478,804.00	(98.00)	(456,047.00)
137320	1995	181,761.00	15,043.00	-	251,273.00	(50.00)	(236,280.00)
137340	1995	-	-	-	-	-	-
137340	1995	-	-	-	-	-	-
137340	1995	-	-	-	-	-	-
139220	1995	-	-	-	-	-	-
139400	1995	8,309.00	214.00	-	2.00	-	212.00
139400	1995	-	-	-	-	-	-
139500	1995	46,025.00	1,186.00	-	8.00	-	1,178.00
139620	1995	-	-	-	-	-	-
235240	1995	2,911.00	-	-	1,694.00	-	(1,694.00)

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Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
235250	1995	4,276.00			2,488.00		(2,488.00)
235300	1995	18,779.00			10,925.00		(10,925.00)
235400	1995	4,556.00			2,651.00		(2,651.00)
235600	1995	149,973.00			87,247.00		(87,247.00)
237520	1995	-					-
237600	1995	195,058.00	2,158.00	31,171.00	109,917.00	(18,177.00)	(94,765.00)
237600	1995	13,973.00	1,789.00	3,700.00	7,039.00	(4,000.00)	(5,570.00)
237900	1995	245.00	31.00	65.00	123.00	(70.00)	(97.00)
238000	1995	478,218.00	5,292.00	76,421.00	289,490.00	(44,563.00)	(232,330.00)
238100	1995	395,541.00	4,286.00	61,611.00	217,256.00	(35,927.00)	(187,306.00)
238200	1995	77,216.00	854.00	12,339.00	43,512.00	(7,195.00)	(37,514.00)
238300	1995	101,036.00	1,118.00	16,146.00	56,935.00	(9,415.00)	(49,086.00)
238400	1995	14,886.00	165.00	2,379.00	8,369.00	(1,387.00)	(7,232.00)
239220	1995	24,778.00					24,778.00
239400	1995	69,094.00	15,502.00				15,502.00
239400	1995	-	1,526.00				1,526.00
239500	1995	16,412.00	3,682.00				3,682.00
239620	1995	-					-
339010	1995	3,418,073.00			44,439.00		(44,439.00)
339010	1995	81,451.00			1,059.00		(1,059.00)
339040	1995	-					-
339060	1995	-					-
339100	1995	79,104.00	1,050.00		1,386.00		(336.00)
339220	1995	-					-
339300	1995	25,981.00			46.00		(46.00)
339400	1995	7,086.00			12.00		(12.00)
339400	1995	-					-
339700	1995	1,667,024.00	281.00		21,942.00		(21,661.00)
131100	1998	135,288.00	6,329.00		54,054.00	(131.00)	(47,856.00)
131200	1996	2,043,488.00	95,593.00		612,578.00	(1,976.00)	(916,961.00)
131400	1996	1,314,385.00	61,486.00		529,534.00	(1,271.00)	(468,319.00)
131500	1998	348,770.00	16,315.00		140,511.00	(337.00)	(124,533.00)
131600	1996	386,595.00	18,085.00		155,750.00	(374.00)	(138,039.00)
133500	1996	4,073.00					-
134400	1996	50,000.00			5,018.00		(5,018.00)
135210	1996	5,319.00			37.00		(37.00)
135310	1996	449,821.00			3,000.00		(3,000.00)
135400	1996	26,231.00	5,363.00	917.00	50,281.00	(127.00)	(44,128.00)
135500	1996	20,902.00	4,274.00	730.00	40,066.00	(101.00)	(36,163.00)
135600	1996	67,890.00	13,881.00	2,373.00	130,137.00	(329.00)	(114,212.00)
136100	1996	45,010.00			1,134.00	(854.00)	(1,988.00)
136100	1996	-					-
136200	1998	1,449,388.00			36,529.00	(27,493.00)	(64,022.00)
136200	1996	2,852.00			72.00	(54.00)	(126.00)
136400	1996	202,113.00	25,818.00	4,472.00	101,841.00	(9,518.00)	(81,071.00)
136500	1996	388,888.00	49,672.00	8,605.00	195,954.00	(18,314.00)	(155,991.00)
136600	1996	16,344.00	2,088.00	302.00	8,235.00	(773.00)	(6,555.00)
136700	1996	406,232.00	52,143.00	9,033.00	205,701.00	(19,225.00)	(163,750.00)
136800	1996	395,687.00	50,541.00	8,756.00	199,380.00	(18,635.00)	(158,718.00)
136910	1996	-					-
136920	1996	11,661.00	1,490.00	258.00	5,876.00	(549.00)	(4,677.00)
137000	1996	246,480.00	31,453.00	5,454.00	124,197.00	(11,608.00)	(96,066.00)
137310	1996	413,969.00	52,875.00	9,160.00	208,587.00	(19,485.00)	(166,047.00)
137320	1996	461,179.00	61,461.00	10,648.00	242,458.00	(22,861.00)	(193,010.00)
137340	1996	-					-
137340	1996	-					-
139220	1996	-					-
139400	1996	3,535.00					-
139400	1998	1,212.00					-
139500	1996	9,396.00					-
139620	1996	62,362.00					-
235240	1996	21,155.00			2,095.00		(2,095.00)
235250	1996	23,940.00			2,371.00		(2,371.00)
235300	1996	127,839.00			12,861.00		(12,861.00)
235400	1996	5,047.00			500.00		(500.00)
235600	1996	32,747.00			3,243.00		(3,243.00)
237520	1996	230,334.00	1,703.00		1,990.00		113.00
237600	1996	389,237.00	7,611.00	498.00	111,637.00	(5,149.00)	(106,677.00)
237600	1996	12,427.00	92.00		86.00		6.00
237900	1996	659.00	5.00		5.00		-
238000	1996	940,163.00	18,383.00	1,202.00	269,649.00	(12,436.00)	(262,500.00)
238100	1996	474,521.00	9,279.00	607.00	136,097.00	(6,277.00)	(132,486.00)
238200	1996	181,191.00	3,152.00	208.00	46,231.00	(2,132.00)	(45,005.00)
238300	1996	-					-
238400	1996	-					-
239220	1996	21,671.00					-
239400	1996	18,483.00					-
239400	1996	5,733.00					-

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239500	1996	-	-	-	-	-	-
239620	1996	83,142.00	-	-	-	-	-
339010	1996	-	-	-	-	-	-
339010	1996	4,379.00	3,450.00	-	34,184.00	-	(30,734.00)
339040	1996	-	-	-	-	-	-
339060	1996	-	-	-	-	-	-
339100	1996	-	-	-	-	-	-
339220	1996	-	-	-	-	-	-
339300	1996	4,526.00	5,845.00	-	-	-	5,845.00
339400	1996	-	-	-	-	-	-
339400	1996	-	-	-	-	-	-
339700	1996	808,552.00	-	-	5,046.00	-	(5,046.00)
131100	1997	70,532.00	8,625.00	-	8,504.00	-	121.00
131200	1997	1,563,899.00	191,290.00	-	169,562.00	-	2,896.00
131400	1997	612,710.00	74,929.00	-	73,876.00	-	1,053.00
131500	1997	1,032,181.00	128,227.00	-	124,452.00	-	1,775.00
131600	1997	63,113.00	7,719.00	-	7,610.00	-	109.00
133100	1997	400.00	-	-	10,359.00	-	(10,359.00)
134400	1997	50,000.00	-	-	342.00	-	(342.00)
135310	1997	304,959.00	14,615.00	-	33,813.00	-	(19,198.00)
135500	1997	354,471.00	16,988.00	-	39,303.00	-	(22,315.00)
135600	1997	220,263.00	10,557.00	-	24,422.00	-	(13,865.00)
136200	1997	165,816.00	32,463.00	-	83,197.00	-	(50,734.00)
136200	1997	5,490.00	1,075.00	-	2,755.00	-	(1,680.00)
136400	1997	270,517.00	52,961.00	-	135,729.00	-	(82,768.00)
136500	1997	397,305.00	77,794.00	-	199,944.00	-	(121,560.00)
136600	1997	1,108.00	217.00	-	556.00	-	(339.00)
136700	1997	232,608.00	45,540.00	-	116,709.00	-	(71,169.00)
136800	1997	398,770.00	78,070.00	-	200,079.00	-	(122,009.00)
136910	1997	2,975.00	582.00	-	1,493.00	-	(911.00)
136920	1997	6,789.00	1,329.00	-	3,408.00	-	(2,077.00)
137000	1997	350,453.00	68,611.00	-	178,837.00	-	(107,226.00)
137310	1997	468,372.00	91,697.00	-	235,001.00	-	(143,304.00)
137320	1997	484,297.00	90,890.00	-	232,957.00	-	(142,058.00)
139400	1997	968.00	-	-	-	-	-
139500	1997	9,102.00	-	-	-	-	-
235250	1997	26,774.00	263.00	-	5,163.00	-	(4,900.00)
235300	1997	5,472.00	54.00	-	1,055.00	-	(1,001.00)
235400	1997	13,056.00	128.00	-	2,520.00	-	(2,392.00)
235500	1997	16,710.00	165.00	-	3,223.00	-	(3,058.00)
237600	1997	124,701.00	2,071.00	-	17,221.00	-	(15,150.00)
237800	1997	22,261.00	370.00	-	3,074.00	-	(2,704.00)
238000	1997	940,912.00	15,628.00	-	129,938.00	-	(114,310.00)
238100	1997	483,568.00	8,032.00	-	66,780.00	-	(58,748.00)
238200	1997	165,516.00	2,749.00	-	22,858.00	-	(20,109.00)
239400	1997	1,040.00	-	-	-	-	-
239400	1997	3,913.00	-	-	-	-	-
339010	1997	277,421.00	507.00	-	23,350.00	-	(22,843.00)
339040	1997	9,568.00	17.00	-	805.00	-	(788.00)
339300	1997	969.00	2.00	-	62.00	-	(60.00)
339700	1997	636,377.00	1,167.00	-	53,732.00	-	(52,565.00)
131100	1998	448,015.00	-	-	207,901.00	-	(207,901.00)
131200	1998	2,744,038.00	-	-	1,273,372.00	-	(1,273,372.00)
131400	1998	-	-	-	-	-	-
131500	1998	-	-	-	-	-	-
131600	1998	-	-	-	-	-	-
135310	1998	7,639.00	9.00	-	11,273.00	-	(11,264.00)
135400	1998	110,605.00	129.00	-	159,051.00	-	(158,922.00)
135500	1998	16,195.00	19.00	-	23,289.00	-	(23,270.00)
135600	1998	81,524.00	95.00	-	117,232.00	-	(117,137.00)
135600	1998	131,646.00	155.00	-	189,594.00	-	(189,439.00)
136100	1998	11,183.00	2,677.00	-	11,342.00	-	(8,685.00)
136200	1998	42,460.00	10,158.00	-	43,056.00	-	(32,917.00)
136400	1998	116,509.00	28,365.00	-	120,196.00	-	(91,833.00)
136500	1998	236,765.00	56,670.00	-	240,139.00	-	(183,469.00)
136600	1998	1,075.00	267.00	-	1,090.00	-	(833.00)
136700	1998	21,926.00	5,248.00	-	22,238.00	-	(16,990.00)
136800	1998	160,617.00	38,444.00	-	162,936.00	-	(124,462.00)
136910	1998	2,780.00	665.00	-	2,920.00	-	(2,165.00)
136920	1998	5,559.00	1,331.00	-	5,638.00	-	(4,307.00)
137000	1998	147,240.00	35,242.00	-	149,338.00	-	(114,086.00)
137310	1998	282,260.00	62,772.00	-	265,997.00	-	(203,225.00)
137320	1998	133,352.00	31,818.00	-	135,254.00	-	(103,336.00)
235250	1998	650.00	-	-	337.00	-	(337.00)
235300	1998	22,329.00	-	-	8,855.00	-	(8,855.00)
237600	1998	520,442.00	475.00	-	74,074.00	-	(73,599.00)
237900	1998	13,787.00	13.00	-	1,962.00	-	(1,949.00)
237900	1998	6,061.00	6.00	-	863.00	-	(867.00)

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238000	1998	1,326,402.00	1,212.00	-	189,071.00	-	(187,859.00)
238100	1998	111,986.00	102.00	-	15,939.00	-	(15,837.00)
238200	1998	22,875.00	20.00	-	3,256.00	-	(3,236.00)
239400	1998	13,707.00	-	-	-	-	-
239400	1998	17,600.00	-	-	-	-	-
339010	1998	26,365.00	1,755.00	-	(28,703.00)	-	30,458.00
339700	1998	105,064.00	6,993.00	-	(114,380.00)	-	121,373.00
131100	1999	110,093.00	697.00	-	36,068.00	-	(35,371.00)
131200	1999	6,407,359.00	41,005.00	-	2,121,390.00	-	(2,080,365.00)
131400	1999	5,000.00	34.00	-	1,792.00	-	(1,748.00)
131500	1999	2,918.00	21.00	-	1,040.00	-	(1,019.00)
131600	1999	-	-	-	-	-	-
134300	1999	-	-	-	14,899.00	-	(14,899.00)
135300	1999	-	-	-	107,665.00	-	(107,665.00)
136400	1999	10,018.00	59,952.00	-	70,733.00	-	(10,781.00)
136500	1999	20,082.00	120,179.00	-	141,791.00	-	(21,612.00)
136700	1999	3,140.00	18,791.00	-	22,170.00	-	(3,379.00)
139210	1999	67,299.00	-	-	-	-	-
139220	1999	10,629.00	-	-	-	-	-
139400	1999	81,305.00	-	-	-	-	-
139610	1999	95,126.00	-	-	-	-	-
139620	1999	2,710.00	-	-	-	-	-
230200	1999	200.00	-	-	-	-	-
235250	1999	14,580.00	-	-	827.00	-	(827.00)
235300	1999	49,698.00	-	-	2,822.00	-	(2,822.00)
235400	1999	9,000.00	-	-	455.00	-	(455.00)
237600	1999	3,685,503.00	-	-	778,706.00	-	(778,706.00)
238000	1999	714,531.00	-	-	150,973.00	-	(150,973.00)
238210	1999	318,611.00	-	-	-	-	-
238220	1999	11,805.00	-	-	-	-	-
330200	1999	500.00	-	-	-	-	-
330300	1999	11,232,729.00	-	-	-	-	-
339010	1999	15,527.00	(664.00)	-	10,150.00	-	(10,814.00)
339100	1999	1,597,740.00	-	-	-	-	-
339210	1999	74,705.00	-	-	-	-	-
339700	1999	284,763.00	(12,179.00)	-	166,148.00	-	(198,327.00)
131100	2000	40,964.00	-	-	-	-	-
131200	2000	1,939,284.00	319,613.00	-	549,421.00	-	(229,808.00)
131500	2000	671,474.00	-	-	16,128.00	-	(16,128.00)
133200	2000	8,456.00	-	-	10,197.00	-	(10,197.00)
133600	2000	5,682.00	-	-	6,852.00	-	(6,852.00)
134300	2000	3,969.00	-	-	-	-	-
135310	2000	1,515.00	16,998.00	-	105,112.00	-	(88,114.00)
135500	2000	33,756.00	-	-	-	-	-
135600	2000	19,149.00	-	-	-	-	-
136100	2000	2,139.00	-	-	-	-	-
136200	2000	57,760.00	-	-	-	-	-
136400	2000	83,143.00	121,595.00	-	649,282.00	-	(527,687.00)
136500	2000	85,859.00	173,188.00	-	694,247.00	-	(521,059.00)
136600	2000	216.00	104.00	-	183.00	-	(79.00)
136700	2000	24,745.00	12,836.00	-	27,485.00	-	(14,629.00)
136810	2000	331,941.00	359,601.00	-	36,895.00	-	322,706.00
136820	2000	29,898.00	-	-	-	-	-
137310	2000	57,375.00	2,598.00	-	120,443.00	-	(117,845.00)
137320	2000	47,742.00	30,303.00	-	71,491.00	-	(41,188.00)
138210	2000	828,624.00	42,937.00	-	(41,842.00)	-	84,779.00
139220	2000	13,048.00	803.00	-	(682.00)	-	1,495.00
139400	2000	10,056.00	-	-	-	-	-
139610	2000	254,699.00	15,676.00	-	(13,505.00)	-	28,181.00
235140	2000	1,765.00	-	-	-	-	-
235250	2000	10,993.00	-	-	-	-	-
235300	2000	6,702.00	-	-	-	-	-
235600	2000	78,203.00	-	-	-	-	-
235700	2000	1,384.00	-	-	-	-	-
237520	2000	20,000.00	-	-	11.00	-	(11.00)
237600	2000	448,171.00	46,252.00	-	520,718.00	-	(474,466.00)
237800	2000	73,203.00	-	-	89.00	-	(89.00)
237900	2000	5,526.00	-	-	-	-	-
238000	2000	2,094,330.00	-	-	-	-	-
238100	2000	843,384.00	-	-	105,438.00	-	(105,438.00)
238200	2000	81,721.00	-	-	-	-	-
238300	2000	17,849.00	-	-	-	-	-
238400	2000	19,750.00	-	-	-	-	-
238500	2000	4,370.00	-	-	-	-	-
239210	2000	565,832.00	(4,665.00)	-	(21,981.00)	-	17,196.00
239220	2000	9,202.00	566.00	-	(488.00)	-	1,054.00
239500	2000	2,168.00	-	-	-	-	-
239610	2000	39,994.00	2,461.00	-	(2,121.00)	-	4,582.00

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330200	2000	200.00	-	-	-	-	-
330310	2000	5,497,388.00	-	-	-	-	-
339010	2000	49,928.00	243,700.00	-	226,988.00	-	16,712.00
339131	2000	9,166,032.00	-	-	-	-	-
339210	2000	87,800.00	(2,229.00)	-	(3,082.00)	-	853.00
339400	2000	10,759.00	662.00	-	(570.00)	-	1,232.00
339700	2000	14,328.00	-	-	-	-	-
131020	2001	6,216.00	-	-	-	-	-
131100	2001	171,276.00	-	-	990.00	-	(990.00)
131200	2001	8,057,111.00	-	-	330,086.00	-	(330,086.00)
131500	2001	34,569.00	-	-	-	-	-
131600	2001	-	-	-	-	-	-
135310	2001	40,883.00	-	-	-	-	-
135500	2001	26,631.00	18.00	-	2,777.00	-	(2,759.00)
135600	2001	9,747.00	6.00	-	2,212.00	-	(2,206.00)
136200	2001	424,172.00	-	-	5,081.00	-	(5,081.00)
136400	2001	239,428.00	10,685.00	-	111,586.00	-	(100,903.00)
136500	2001	415,337.00	5,178.00	(6,667.00)	231,781.00	-	(233,270.00)
136600	2001	14,706.00	511.00	-	2,914.00	-	(2,403.00)
136700	2001	41,770.00	116.00	-	52,579.00	-	(52,463.00)
136900	2001	2,284.00	-	-	7,648.00	-	(7,648.00)
137310	2001	74,135.00	435.00	-	17,096.00	-	(16,651.00)
137320	2001	144,489.00	2,059.00	-	172,258.00	-	(170,199.00)
139210	2001	787,692.00	-	-	-	-	-
139610	2001	51,214.00	-	-	-	-	-
235300	2001	36,423.00	-	-	-	-	-
235400	2001	13,768.00	-	-	-	-	-
235500	2001	2,509.00	-	-	-	-	-
237600	2001	206,172.00	13,136.00	-	51,153.00	-	(38,017.00)
237800	2001	5,849.00	-	-	-	-	-
239000	2001	3,198,483.00	24,468.00	-	104,311.00	-	(79,843.00)
238100	2001	394,024.00	-	-	-	-	-
238200	2001	56,381.00	-	-	-	-	-
239210	2001	834,850.00	-	-	-	-	-
239610	2001	192,918.00	-	-	-	-	-
330300	2001	716,222.00	-	-	-	-	-
339000	2001	20,419.00	563.00	-	-	-	563.00
339210	2001	21,759.00	-	-	-	-	-
131100	2002	111,468.00	-	-	-	-	-
131200	2002	5,505,871.00	-	-	495,797.00	-	(495,797.00)
131400	2002	94,480.00	-	-	-	-	-
131500	2002	102,272.00	-	-	-	-	-
131600	2002	-	-	-	537.00	-	(537.00)
133500	2002	3,647.00	76.00	-	14.00	-	62.00
134300	2002	49,334.00	-	-	-	-	-
134400	2002	181,176.00	-	-	19,600.00	-	(19,600.00)
135310	2002	1,222,628.00	-	-	27,845.00	-	(27,845.00)
136200	2002	867.00	-	-	255.00	-	(255.00)
136400	2002	103,670.00	2,257.00	-	684,097.00	-	(681,840.00)
136500	2002	321,801.00	2,230.00	(5,210.00)	240,218.00	-	(243,198.00)
136600	2002	41,663.00	-	-	6,954.00	-	(6,954.00)
136700	2002	286,355.00	1,674.00	-	68,961.00	-	(67,287.00)
136800	2002	837,394.00	229,205.00	-	240,244.00	-	(111,039.00)
136900	2002	41,513.00	-	-	171,349.00	-	(171,349.00)
137010	2002	215,982.00	762.00	-	-	-	762.00
137020	2002	64,514.00	228.00	-	-	-	228.00
137310	2002	193,696.00	16,069.00	-	251,426.00	-	(233,357.00)
137320	2002	230,965.00	252.00	-	(81,625.00)	-	81,677.00
139210	2002	1,629,220.00	102,042.00	-	1,792.00	-	100,250.00
139500	2002	3,691.00	-	-	-	-	-
139610	2002	164,237.00	3,408.00	-	619.00	-	2,789.00
235400	2002	268,374.00	-	-	1,229.00	-	(1,229.00)
235600	2002	59,534.00	-	-	1,767.00	-	(1,767.00)
235700	2002	-	-	-	-	-	-
237520	2002	60.00	-	-	-	-	-
237600	2002	749,343.00	4,095.00	-	268,857.00	-	(264,762.00)
237800	2002	8,998.00	-	-	-	-	-
238000	2002	1,586,106.00	1,932.00	-	182,196.00	-	(180,284.00)
239210	2002	1,391,862.00	(99,569.00)	-	2,591.00	-	(102,160.00)
238500	2002	9,070.00	-	-	-	-	-
239610	2002	464,971.00	(36,372.00)	-	408.00	-	(36,780.00)
330300	2002	1,064,685.00	-	-	-	-	-
339010	2002	275,234.00	-	-	11,716.00	-	(11,716.00)
339110	2002	3,153.00	-	-	-	-	-
338120	2002	836.00	-	-	-	-	-
339130	2002	2,000,290.00	-	-	-	-	-
339131	2002	899,462.00	-	-	-	-	-
339210	2002	34,305.00	712.00	-	129.00	-	583.00

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Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
339300	2002	8,778.00	-	-	-	-	-
339400	2002	718.00	-	-	-	-	-
339610	2002	201,261.00	-	-	-	-	-
339620	2002	2,186.00	-	-	-	-	-
339700	2002	7,983.00	-	-	-	-	-
131100	2003	865,133.31	-	-	100,648.88	-	(100,648.88)
131200	2003	7,080,284.56	-	-	960,482.71	951,288.20	(8,194.51)
131400	2003	3,077,538.11	-	-	277,920.44	-	(277,920.44)
131500	2003	74,452.00	-	-	-	-	-
131600	2003	1,598.74	-	-	436.53	-	(436.53)
131700	2003	0.05	-	-	-	-	-
133300	2003	16,963.65	-	-	26,050.65	-	(26,050.65)
134200	2003	4,128.41	-	-	8,322.00	-	(8,322.00)
134300	2003	1,344,213.36	-	-	-	-	-
135310	2003	13,674.71	-	-	8593.36	-	(8,599.36)
135500	2003	124,069.93	(516.11)	-	26,318.91	-	(26,635.02)
135600	2003	4,695.47	-	-	12,476.20	-	(12,476.20)
136100	2003	1,425.82	-	-	-	-	-
136200	2003	2,123.71	-	-	5,307.57	-	(5,307.57)
136400	2003	91,958.95	501.89	-	742,602.42	-	(742,100.53)
136500	2003	1,357,459.11	73.05	-	283,054.87	-	(283,081.82)
136700	2003	82,468.39	-	-	27,632.33	-	(27,632.33)
136810	2003	278,958.00	168,491.37	-	305,026.23	-	(136,534.86)
136820	2003	48,355.18	-	-	188,961.67	-	(188,961.67)
136920	2003	94,956.81	-	-	161,654.26	-	(161,654.26)
137010	2003	1,049,572.56	-	-	-	-	-
137020	2003	158,859.80	-	-	-	-	-
137310	2003	66,928.19	-	-	94,331.25	-	(94,331.25)
137320	2003	207,199.52	-	-	208,661.86	-	(208,661.86)
139210	2003	2,059,944.62	-	-	-	-	-
139610	2003	132,399.51	-	-	-	-	-
235300	2003	32,116.18	-	-	-	-	-
237600	2003	509,410.00	1,302.93	-	236,691.25	-	(235,586.32)
237800	2003	2,957.31	-	-	-	-	-
237900	2003	83,859.07	-	-	-	-	-
238000	2003	1,485,701.55	14.85	-	496,662.85	-	(496,666.00)
238100	2003	2,654,883.32	-	-	-	-	-
238200	2003	2,644,530.07	-	-	-	-	-
238300	2003	231,004.86	-	-	41,253.58	-	(41,253.58)
238400	2003	112,144.92	-	-	16,523.41	-	(16,523.41)
239210	2003	99,868.79	-	-	-	-	-
239610	2003	237,290.57	-	-	-	-	-
339010	2003	449,588.26	-	-	192,691.88	-	(192,691.88)
339030	2003	3,428.37	-	-	-	-	-
339131	2003	4,961,383.85	-	-	-	-	-
339210	2003	33,832.13	-	-	-	-	-
339220	2003	3,112.35	-	-	-	-	-
339610	2003	3,133.12	-	-	-	-	-
131100	2004	629,198.89	-	-	260,811.58	-	(260,811.58)
131200	2004	6,901,489.20	-	-	1,994,238.81	-	(1,994,238.81)
131400	2004	1,160,156.62	-	-	373,601.15	-	(373,601.15)
131500	2004	829,101.35	-	-	26,830.43	-	(26,830.43)
131600	2004	159,412.75	-	-	4,944.09	-	(4,944.09)
133200	2004	12,512.16	-	-	-	-	-
133500	2004	2,554.13	-	-	1,752.74	-	(1,752.74)
134100	2004	9,265.48	-	-	6,707.00	-	(6,707.00)
134200	2004	4,465.09	-	-	-	-	-
134300	2004	133,031.00	-	-	(1,270,131.94)	-	1,270,131.94
135310	2004	283,024.29	-	-	36,771.81	-	(36,771.81)
135500	2004	562.58	-	-	8,868.30	-	(8,868.30)
136200	2004	261,150.59	-	-	67,251.12	-	(67,251.12)
136400	2004	32,131.99	414.12	-	426,047.13	-	(425,633.01)
136500	2004	37,393.03	38.58	-	516,936.22	-	(516,987.65)
136600	2004	1,531.51	-	-	21,407.50	-	(21,407.50)
136700	2004	17,851.95	-	-	146,249.12	-	(146,249.12)
137310	2004	31,777.43	-	-	16,865.18	-	(16,865.18)
137320	2004	171,679.44	-	-	72,029.03	-	(72,029.03)
139210	2004	919,185.94	(7,269.47)	-	3,410.62	-	(10,660.29)
133500	2004	15,178.59	-	-	-	-	-
235120	2004	880.73	-	-	848.77	-	(848.77)
235140	2004	381.57	-	-	2,579.67	-	(2,579.67)
235210	2004	3,803.96	-	-	360.11	-	(360.11)
235250	2004	14,297.16	-	-	74,770.18	-	(74,770.18)
235300	2004	92,230.13	-	-	44,595.37	-	(44,595.37)
235400	2004	8,379.90	-	-	5,148.74	-	(5,148.74)
235600	2004	64,917.37	-	-	6,238.00	-	(6,238.00)
236700	2004	7,950.19	-	-	5,692.78	-	(5,692.78)
237600	2004	153,466.27	5,947.69	-	234,478.18	-	(228,530.49)

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237800	2004	74,549.04	-	-	19,058.82	-	(19,058.82)
237900	2004	57,724.03	-	-	53,866.63	-	(53,866.63)
238000	2004	217,829.80	-	-	123,223.54	-	(123,223.54)
238100	2004	55,970.09	-	-	-	-	-
238200	2004	46,822.06	-	-	-	-	-
239210	2004	217,646.01	1,368.09	-	(149,718.57)	-	151,086.66
239610	2004	50,179.86	180.83	-	77.59	-	103.24
330300	2004	17,659,936.18	-	-	-	-	-
339010	2004	984,068.39	-	-	112,046.80	-	(112,046.80)
339020	2004	1,190,933.32	-	-	45,675.60	-	(45,675.60)
339110	2004	22,381.05	-	-	-	-	-
339120	2004	1,198.55	-	-	-	-	-
339130	2004	1,233,294.92	-	-	-	-	-
339210	2004	56,850.71	466.11	-	100.04	-	366.07
339300	2004	9,970.59	-	-	-	-	-
339400	2004	252.35	-	-	-	-	-
339700	2004	437,794.18	-	-	23,147.29	-	(23,147.29)
339710	2004	241,279.23	-	-	-	-	-
131100	2005	921,450.00	-	-	114,744.17	-	(114,744.17)
131200	2005	4,197,701.00	-	-	1,079,107.73	-	(1,079,107.73)
131400	2005	464,123.00	-	-	60,425.48	-	(60,425.48)
131100	2006	697,723.53	-	-	278,679.61	-	(278,679.61)
131200	2006	27,711,972.46	577,579.57	-	10,223,500.87	-	(9,645,921.30)
131400	2006	2,965,022.02	-	-	532,311.62	-	(532,311.62)
131500	2006	1,043,303.53	-	-	59,113.06	-	(59,113.06)
131600	2006	85,294.24	-	-	1,236.93	-	(1,236.93)
133100	2006	7,649.96	-	-	76,939.27	-	(76,939.27)
133200	2006	28,263.89	-	-	11,079.81	-	(11,079.81)
133300	2006	6,705.31	-	-	43,415.36	-	(43,415.36)
133400	2006	154,675.70	-	-	84,221.20	-	(84,221.20)
133500	2006	6,793.70	-	-	6,872.83	-	(6,872.83)
134100	2006	482,873.47	-	-	18,000.00	-	(18,000.00)
134200	2006	120,034.85	-	-	-	-	-
134300	2006	6,824,068.30	-	-	51,591.13	-	(51,591.13)
134400	2006	451,117.33	-	-	-	-	-
134500	2006	360,897.21	-	-	-	-	-
134600	2006	24,786.29	-	-	-	-	-
135210	2006	1,392.15	-	-	542.62	-	(542.62)
135310	2006	2,146,396.96	-	-	367,594.83	-	(367,594.83)
135400	2006	1,876.99	-	-	10,949.73	-	(10,949.73)
135500	2006	243,925.39	-	-	329,614.95	458,909.32	129,294.37
135600	2006	187,303.74	12,503.78	-	247,786.07	180,852.11	(44,430.18)
135800	2006	20,625.16	-	-	-	-	-
136100	2006	19,330.22	-	-	14,657.28	-	(14,657.28)
136200	2006	639,654.25	-	-	239,122.39	-	(239,122.39)
136400	2006	57,426.47	-	-	290,070.24	-	(290,070.24)
136500	2006	95,400.17	-	-	434,964.22	-	(434,964.22)
136700	2006	5,805.45	-	-	7,816.20	-	(7,816.20)
136610	2006	861,630.81	40,523.18	-	225,621.29	-	(185,098.11)
136820	2006	110,306.66	-	-	416,881.87	-	(416,881.87)
136910	2006	689.20	-	-	223.41	-	(223.41)
136920	2006	17.66	-	-	5,617.30	-	(5,617.30)
137010	2006	1,626,634.94	-	-	-	-	-
137020	2006	409,163.02	-	-	-	-	-
137310	2006	81,276.06	-	-	-	-	-
137320	2006	103,176.88	-	-	-	-	-
139220	2006	42,675.87	-	-	-	-	-
139400	2006	92,702.07	-	-	(2,460.00)	-	2,460.00
139500	2006	36,895.28	-	-	-	-	-
139610	2006	26,090.46	-	-	-	-	-
139620	2006	94,399.14	-	-	-	-	-
235120	2006	2,609.62	-	-	12,437.53	-	(12,437.53)
235140	2006	2,233.59	-	-	864.00	-	(864.00)
235250	2006	48,825.27	-	-	32,192.18	-	(32,192.18)
235300	2006	128,440.62	1,717.64	-	79,226.84	-	(77,509.20)
235400	2006	373,259.43	-	-	31,920.68	-	(31,920.68)
235500	2006	7,143.01	-	-	5,202.16	-	(5,202.16)
235600	2006	213,644.82	-	-	3,460.12	-	(3,460.12)
235700	2006	4,811.50	-	-	20,640.31	-	(20,640.31)
236700	2006	8,337.88	-	-	51,392.27	-	(51,392.27)
237520	2006	283,132.53	-	-	1,779.99	-	(1,779.99)
237600	2006	123,037.60	-	-	254,316.63	-	(254,316.63)
237800	2006	627,149.99	-	-	46,989.96	-	(46,989.96)
237900	2006	10,469.81	-	-	24,384.95	-	(24,384.95)
238000	2006	340.40	-	-	241.45	-	(241.45)
238100	2006	1,599,911.61	-	-	-	-	-
238200	2006	539,557.53	-	-	-	-	-
238300	2006	377,313.38	-	-	-	-	-



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Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
238400	2006	82,659.37	-	-	-	-	-
238700	2006	13,939.25	-	-	-	-	-
239220	2006	1,330.75	-	-	-	-	-
239400	2006	34,976.74	-	-	-	-	-
239500	2006	8,759.36	-	-	-	-	-
239620	2006	4,749.42	-	-	-	-	-
330300	2006	7,113,343.68	-	-	-	-	-
330320	2006	78,799.60	-	-	-	-	-
339010	2006	1,471,552.68	-	-	229,582.34	-	(229,582.34)
339020	2006	233,277.97	-	-	-	-	-
339030	2006	9,326.23	-	-	19,622.09	-	(19,622.09)
339110	2006	125,396.38	-	-	-	-	-
339120	2006	24,215.56	6,500.05	-	3,674.45	-	2,825.60
339130	2006	11,211,349.48	-	-	20,383.82	-	(20,383.82)
339131	2006	6,176,713.10	-	-	146,073.56	-	(146,073.56)
339300	2006	9,077.74	-	-	-	-	-
339400	2006	168,935.56	33,500.00	-	-	-	33,500.00
339700	2006	123,119.38	-	-	30,503.77	-	(30,503.77)
339800	2006	430,953.04	-	-	3,340.02	-	(3,340.02)
131100	2007	78,459.59	-	-	3,893.59	-	(3,893.59)
131200	2007	3,095,538.79	269,883.65	11206.43	815,488.59	-	(534,399.81)
131400	2007	115,564.59	-	-	2,599.70	-	(2,599.70)
131500	2007	106,068.47	-	500	23,111.22	-	(23,111.22)
131600	2007	76,996.44	-	-	-	-	-
133100	2007	1,101,065.23	-	-	417,395.32	-	(417,395.32)
133200	2007	22,245.59	-	-	8,432.78	-	(8,432.78)
133300	2007	973,654.70	-	-	369,089.42	-	(369,089.42)
133400	2007	27,343.56	-	-	10,365.30	-	(10,365.30)
133500	2007	43,897.85	-	-	16,640.63	-	(16,640.63)
133600	2007	150,050.36	-	-	56,880.53	-	(56,880.53)
134300	2007	156,897.00	-	-	2,644.83	-	(2,644.83)
135210	2007	22,942.97	-	-	3,751.28	-	(3,751.28)
135310	2007	665,338.94	-	-	290,611.90	-	(290,611.90)
135500	2007	105,187.72	-	-	208,464.28	-	(208,464.28)
135600	2007	1,291.85	-	-	7,585.46	-	(7,585.46)
136100	2007	391,630.21	-	-	2,485.64	-	(2,485.64)
136200	2007	1,256,626.73	-	-	72,771.65	-	(72,771.65)
136400	2007	1,821,555.27	40,543.39	5,846,142.48	371,343.85	-	5,515,342.02
136500	2007	630,024.48	10,233.17	38,784.59	1,289,243.62	-	(1,240,225.66)
136600	2007	2,190.19	-	-	16,319.60	62.73	(16,256.67)
136700	2007	121,047.21	-	-	132,531.00	217.08	(132,313.92)
136910	2007	2,261.86	-	-	215,321.41	-	(215,321.41)
137310	2007	84,640.82	1,237.69	-	18,853.76	133.92	(17,482.15)
137320	2007	164,283.03	5,866.15	-	65,753.32	897.12	(58,990.05)
139210	2007	257,535.41	-	-	-	-	-
139220	2007	18,322.92	-	-	487.32	-	(487.32)
139500	2007	7,679.98	-	-	-	-	-
236300	2007	17,940.16	-	-	12,936.09	-	(12,936.09)
236400	2007	47,351.20	-	-	7,738.14	-	(7,738.14)
236600	2007	6,129.56	-	-	3,414.92	-	(3,414.92)
237600	2007	1,556,298.10	4,646.44	-	47,296.68	-	(42,649.44)
237800	2007	10,455.20	-	-	1,940.93	-	(1,940.93)
237900	2007	19,379.58	-	-	6,626.59	-	(6,626.59)
238000	2007	14,110.31	-	-	76,245.84	-	(76,245.84)
238300	2007	217,608.08	-	-	56,763.32	-	(56,763.32)
238400	2007	29,173.78	-	-	70,954.05	-	(70,954.05)
239210	2007	980,373.85	-	-	-	-	-
239220	2007	15,738.62	-	-	-	-	-
239400	2007	2,743.11	-	-	-	-	-
239500	2007	2,723.83	-	-	-	-	-
239610	2007	574,945.88	-	-	-	-	-
239620	2007	1,844.24	-	-	-	-	-
330300	2007	4,023,690.35	-	-	-	-	-
339010	2007	1,338,874.48	-	-	165,304.47	-	(165,304.47)
339030	2007	10,295.05	-	-	-	-	-
339040	2007	74,172.67	-	-	-	-	-
339110	2007	39,919.54	-	-	-	-	-
339120	2007	9,736.63	-	-	-	-	-
339130	2007	2,838,381.40	-	-	-	-	-
339131	2007	3,353.76	-	-	-	-	-
339210	2007	48,180.15	-	-	-	-	-
339300	2007	2,200.31	-	-	-	-	-
339400	2007	32,562.96	-	-	-	-	-
339700	2007	2,574,391.53	-	-	62,511.20	-	(62,511.20)
339710	2007	39,767.38	-	-	-	-	-
131100	2008	81,615.77	-	-	16,026.72	-	(16,026.72)
131200	2008	3,796,631.33	86,661.55	-	1,500,759.61	-	(1,414,089.06)
131400	2008	7,659,947.94	-	-	46,463.87	-	(46,463.87)

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131500	2008	32,633.33	-	-	1,064.92	-	(1,064.92)
131600	2008	37,165.58	103,285.00	-	-	-	103,285.00
133300	2008	172,036.23	-	-	891,897.16	-	(891,897.16)
134300	2008	3,094,133.74	-	-	33,967.94	-	(33,967.94)
134400	2008	94,470.38	-	-	20,156.22	-	(20,156.22)
135210	2008	405,494.80	8,215.19	-	17,056.64	-	(10,841.45)
135310	2008	3,404,433.49	54,435.74	-	139,016.52	-	(84,580.79)
135500	2008	56,089.61	-	-	279,942.11	61,010.88	(218,931.23)
135600	2008	39,170.78	7,978.22	-	62,261.05	101,787.70	47,504.87
135700	2008	22,039.56	506.23	-	1,210.83	-	(704.60)
135800	2008	191,872.90	7,130.54	-	17,055.02	-	(9,824.48)
136100	2008	2,951,209.47	-	-	3,915.21	-	(3,915.21)
136200	2008	12,592,835.75	418.85	-	217,883.02	-	(217,464.17)
136400	2008	10,375.66	-	-	48,684.89	-	(48,684.89)
135500	2008	171,790.06	156,808.30	-	74,844.06	-	81,963.44
136600	2008	-	-	-	65.43	-	(65.43)
136700	2008	1,414.32	-	-	6,663.39	-	(6,663.39)
136800	2008	29,983.30	488,929.91	-	620,637.33	-	(131,707.42)
137310	2008	-	-	-	19,412.49	-	(19,412.49)
137320	2008	-	-	-	19,071.92	-	(19,071.92)
235120	2008	3,503.48	-	-	-	-	-
235700	2008	462.83	-	-	904.64	-	(904.64)
237600	2008	1,384,154.84	462.36	-	981,404.25	-	(890,941.89)
237800	2008	13,376.58	-	-	2,307.73	-	(2,307.73)
237900	2008	9,891.21	-	-	235.85	-	(235.85)
238300	2008	402,587.00	3,794.49	-	182,048.93	-	(148,252.44)
339010	2008	324,631.18	3,503.42	-	38,069.57	-	(34,566.15)
339040	2008	95,608.32	1,535.23	-	3,671.99	-	(2,136.76)
339700	2008	1,709,330.49	26,917.77	-	77,324.69	-	(50,408.92)
339710	2008	74,089.32	1,189.70	-	2,845.53	-	(1,655.83)
131100	2009	484,516.41	-	-	172,070.26	-	(172,070.26)
131200	2009	7,012,614.99	27,191.16	-	3,099,701.32	46,526.46	(3,025,983.70)
131400	2009	754,587.93	-	-	487,257.12	1,402.50	(465,854.62)
131500	2009	197,218.67	403,041.77	-	112,277.31	2,794.37	293,558.83
131600	2009	31,209.78	-	-	2,108.79	-	(2,108.79)
131707	2009	13,039.83	-	-	-	-	-
133400	2009	1,371.85	56,678.38	-	3,619.91	-	(53,058.47)
134100	2009	25,423.33	-	-	13,023.35	-	(13,023.35)
134300	2009	4,821,769.11	-	-	187,922.26	-	(187,922.26)
134400	2009	156.36	6,459.59	-	412.57	-	6,047.02
134500	2009	387.54	15,163.51	-	969.75	-	14,214.16
134707	2009	78,906.72	-	-	-	-	-
135210	2009	15,069.26	-	-	9,723.41	-	(9,723.41)
135310	2009	523,412.20	-	-	250,120.34	-	(250,120.34)
135400	2009	53,942.96	-	-	38,687.19	31,627.08	(7,080.11)
135500	2009	167,619.31	2,474.50	-	441,907.18	12,816.88	(426,615.80)
135600	2009	44,701.79	1,059.88	-	423,335.46	44,575.06	(372,700.52)
135600	2009	915.55	-	-	2,800.56	-	(2,800.56)
136100	2009	40,036.21	-	-	5,591.52	-	(5,591.52)
136200	2009	894,266.06	-	-	486,882.93	-	(486,882.93)
136400	2009	887,653.76	25,499.01	-	5,000,723.21	4,899.66	(4,970,235.54)
136500	2009	2,369,623.23	155,094.12	-	7,302,957.41	30,626.89	(7,117,236.40)
136600	2009	9,719.82	611.46	-	43,216.79	883.34	(41,721.59)
136700	2009	158,363.40	54,750.47	-	1,502,941.78	28,150.57	(1,420,040.74)
136800	2009	528,347.71	125,153.73	-	692,177.81	-	(567,024.08)
136910	2009	1,605.78	-	-	230,571.05	13.05	(230,558.00)
137000	2009	1,185,222.28	-	-	-	-	-
137310	2009	5,104.27	-	-	14,491.49	496.89	(13,994.60)
137320	2009	53,584.22	-	-	82,663.31	-	(82,663.31)
139210	2009	63,429.35	-	-	-	-	-
139220	2009	1,589.93	-	-	-	-	-
139400	2009	122,157.84	-	-	-	-	-
139610	2009	24,729.40	-	-	-	-	-
235120	2009	6,180.38	-	-	1,887.22	-	(1,887.22)
235140	2009	518.90	-	-	-	-	-
236240	2009	73,032.13	-	-	156,181.55	-	(156,181.55)
235250	2009	350,717.40	-	-	19,446.67	-	(19,446.67)
235300	2009	26,897.44	-	-	25,121.41	-	(25,121.41)
235400	2009	2,248,342.48	-	-	24,276.88	-	(24,276.88)
235500	2009	1,134.21	-	-	610.99	-	(610.99)
235600	2009	18,065.88	-	-	-	-	-
235700	2009	11,542.87	-	-	57,967.72	-	(57,967.72)
235807	2009	20,139.63	-	-	-	-	-
236700	2009	5,862.32	-	-	56,744.63	-	(56,744.63)
237520	2009	27,426.45	-	-	15,606.69	-	(15,606.69)
237600	2009	3,863,952.03	-	-	380,862.62	-	(380,862.62)
237800	2009	88,462.95	-	-	27,656.90	-	(27,656.90)
237900	2009	7,011.67	-	-	2,227.36	-	(2,227.36)

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238000	2009	3,245,937.23	-	-	3,480,405.26	-	(3,480,405.26)
238100	2009	1,524,628.32	-	-	2,321.16	-	(2,321.16)
238300	2009	461,021.81	1,730.35	-	122,130.08	-	(120,399.73)
238500	2009	15,456.54	-	-	-	-	-
239210	2009	68,038.84	-	-	-	-	-
239400	2009	107,752.67	-	-	-	-	-
239500	2009	6,756.83	-	-	-	-	-
239610	2009	20,077.59	-	-	-	-	-
239620	2009	3,569.93	-	-	-	-	-
330300	2009	13,110,858.99	-	-	-	-	-
339010	2009	288,691.41	-	-	108,109.40	-	(108,109.40)
339020	2009	19,423.05	-	-	10,990.00	-	(10,990.00)
339030	2009	42,096.79	-	-	14,611.98	-	(14,611.98)
339110	2009	617,861.38	-	-	-	-	-
339131	2009	1,242,731.80	-	-	-	-	-
339220	2009	7,589.20	-	-	-	-	-
339300	2009	13,173.24	-	-	-	-	-
339400	2009	5,830.81	-	-	-	-	-
339700	2009	101,874.49	29,830.00	-	3,036.98	-	26,793.02
131100	2010	176,038.33	-	-	90,160.11	-	(90,160.11)
131200	2010	3,987,133.65	45,461.74	-	597,884.33	-	(552,422.59)
131400	2010	103,475.19	-	-	3,278.27	-	(3,278.27)
131500	2010	20,993.35	-	-	18,899.08	-	(18,899.08)
131600	2010	18,529.19	-	-	-	-	-
131707	2010	3,300.00	-	-	-	-	-
134200	2010	174,611.95	-	-	-	-	-
134300	2010	10,198.19	-	-	-	-	-
135210	2010	200,353.49	-	-	-	-	-
135310	2010	335,978.72	-	-	161,304.30	-	(161,304.30)
135400	2010	125,471.54	21,571.29	-	115,830.42	-	(94,259.13)
135500	2010	59,795.82	-	-	59,415.06	-	(59,415.06)
135600	2010	163,185.46	75,752.62	-	81,482.44	-	(5,728.82)
136100	2010	5,399.39	-	-	13,863.91	-	(13,863.91)
136200	2010	100,421.18	-	-	114,943.01	-	(114,943.01)
136400	2010	1,151,011.95	10,659.15	-	2,155,537.98	-	(2,144,878.83)
136500	2010	2,089,839.79	31,711.79	-	2,163,476.73	-	(2,131,764.94)
136600	2010	133,381.59	10,169.04	-	483,415.52	-	(473,246.48)
136700	2010	1,179,733.24	7,785.75	-	449,798.84	-	(442,013.09)
136800	2010	190,083.01	125,183.19	-	240,110.22	-	(114,927.03)
136910	2010	22,543.84	-	-	160,033.12	-	(160,033.12)
136920	2010	63,113.58	-	-	127,293.86	-	(127,293.86)
137000	2010	75,897.83	-	-	-	-	-
137310	2010	929,572.75	3,610.89	-	2,269,681.57	-	(2,266,070.68)
137320	2010	80,771.92	1,761.11	-	382,671.67	-	(350,910.56)
137340	2010	87,546.43	96,556.53	-	59,363.99	-	37,192.54
139210	2010	276,315.95	-	-	-	-	-
139400	2010	2,121.07	-	-	-	-	-
139500	2010	1,496,151.25	-	-	-	-	-
139610	2010	56,702.98	-	-	-	-	-
235120	2010	14,163.04	-	-	-	-	-
235140	2010	25,726.34	63.60	-	47,604.60	-	(47,541.00)
235255	2010	504,705.86	-	-	3,426.96	-	(3,426.96)
235300	2010	279,620.16	-	-	60,619.20	-	(60,619.20)
235400	2010	1,094,362.53	-	-	45,190.46	-	(45,190.46)
235600	2010	58,123.18	-	-	27,449.41	-	(27,449.41)
236700	2010	6,099.28	-	-	19,917.95	-	(19,917.95)
237520	2010	4,564.22	-	-	13,832.64	-	(13,832.64)
237600	2010	1,626,955.41	-	-	54,867.61	-	(54,867.61)
237800	2010	98,140.31	-	-	27,829.44	-	(27,829.44)
237900	2010	37,748.73	-	-	12,901.50	-	(12,901.50)
238000	2010	41,171.84	-	-	59,468.50	-	(59,468.50)
238100	2010	11,215.64	-	-	-	-	-
238300	2010	916,068.90	9,300.67	-	80,069.85	-	(59,769.18)
238500	2010	12,109.47	-	-	14,344.16	-	(14,344.16)
239210	2010	138,830.54	-	-	-	-	-
239500	2010	430,026.54	-	-	-	-	-
239610	2010	35,486.97	-	-	-	-	-
330300	2010	9,659,197.65	-	-	-	-	-
339010	2010	245,204.58	-	-	148,381.44	-	(148,381.44)
339030	2010	31,313.95	-	-	8,139.96	-	(8,139.96)
339040	2010	288.19	-	-	1,000.00	-	(1,000.00)
339130	2010	14,558,299.98	-	-	-	-	-
339500	2010	22,281.50	-	-	-	-	-
339610	2010	26,626.21	-	-	-	-	-
339700	2010	10,744.41	-	-	9,833.65	-	(9,833.65)
130200	2011	100.00	-	-	-	-	-
131100	2011	2,867,780.04	-	-	687,334.08	-	(687,334.08)
131101	2011	1,329,199.92	-	-	568,245.24	-	(568,245.24)

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131200	2011	17,737,600.22	34,636.38	-	2,541,970.32	-	(2,507,333.94)
131400	2011	3,093,988.16	-	-	109,173.37	-	(109,173.37)
131500	2011	639,408.99	-	-	243,699.76	-	(243,699.76)
131600	2011	66,011.56	-	-	-	-	-
131707	2011	732,205.04	-	-	-	-	-
133200	2011	155,564.63	-	-	-	-	-
133300	2011	55,573.58	-	-	34,591.42	-	(34,591.42)
133400	2011	18,752.79	-	-	3,760.00	-	(3,760.00)
133500	2011	52.87	-	-	-	-	-
134200	2011	95,094.46	-	-	22,263.71	-	(22,263.71)
134300	2011	864,934.42	-	-	246,197.81	-	(246,197.81)
134400	2011	46,426.53	-	-	6,632.08	-	(6,632.08)
134500	2011	8,551.95	-	-	12,756.05	-	(12,756.05)
134600	2011	1,140.74	-	-	33,120.15	-	(33,120.15)
135310	2011	1,148,920.71	-	-	69,770.99	-	(69,770.99)
135400	2011	20.82	-	-	4,243.74	-	(4,243.74)
135500	2011	276,058.31	-	-	206,653.93	-	(206,653.93)
135600	2011	165,678.60	-	-	(71,739.96)	-	71,739.96
135800	2011	8,492.29	-	-	2,951.47	-	(2,951.47)
136100	2011	14,410.56	-	-	13,563.65	-	(13,563.65)
136200	2011	517,691.91	-	-	226,622.63	-	(226,622.63)
136400	2011	1,601,286.08	20,668.02	-	1,269,326.21	-	(1,248,658.19)
136500	2011	185,026.15	60,170.05	-	966,849.31	-	(906,679.26)
136600	2011	9,214.26	11,341.57	-	81,225.75	-	(69,894.18)
136700	2011	299,028.05	100,653.52	-	350,205.13	-	(249,551.61)
136800	2011	89,117.63	203,667.60	-	240,210.69	-	(36,543.09)
136910	2011	4,230.05	-	-	145,587.14	-	(145,587.14)
136920	2011	47,314.75	-	-	69,896.06	-	(69,896.06)
137000	2011	20,203.53	-	-	-	-	-
137310	2011	3,349,954.20	-	-	703,870.67	-	(703,870.67)
137320	2011	627,618.63	7,631.87	-	604,677.47	-	(597,045.60)
138210	2011	1,875,946.16	-	-	-	-	-
138220	2011	17,070.07	-	-	-	-	-
139400	2011	134,421.32	-	-	-	-	-
139610	2011	108,665.53	-	-	-	-	-
139620	2011	4,428.76	-	-	-	-	-
235200	2011	890.00	-	-	-	-	-
235120	2011	14,882.02	-	-	22,480.35	-	(22,480.35)
235140	2011	34,699.01	-	-	10,953.08	-	(10,953.08)
235240	2011	70,145.45	-	-	165,954.62	-	(165,954.62)
235250	2011	108,604.04	-	-	258,005.34	-	(258,005.34)
235255	2011	412,877.39	-	-	310,667.06	-	(310,667.06)
235300	2011	182,991.73	-	-	47,571.56	-	(47,571.56)
235400	2011	450,120.60	-	-	13,161.93	-	(13,161.93)
235600	2011	22,682.97	-	-	3,182.76	-	(3,182.76)
235700	2011	2,705.00	-	-	-	-	-
235805	2011	1,530.61	-	-	-	-	-
235807	2011	393,674.85	-	-	-	-	-
236700	2011	20,299.95	-	-	46,319.99	-	(46,319.99)
237510	2011	16,951.29	-	-	11,364.00	-	(11,364.00)
237600	2011	4,156,176.14	-	-	772,181.65	-	(772,181.65)
237800	2011	53,502.72	-	-	95,653.13	-	(95,653.13)
237900	2011	59,020.70	-	-	14,153.61	-	(14,153.61)
238000	2011	135,082.68	-	-	593,858.74	-	(593,858.74)
238100	2011	52,310.40	-	-	-	-	-
238300	2011	380,488.04	3,121.65	-	14,395.36	-	(11,273.71)
238807	2011	75,039.27	-	-	-	-	-
239210	2011	668,359.98	-	-	-	-	-
239220	2011	11,515.30	-	-	-	-	-
239400	2011	382,580.90	-	-	-	-	-
239610	2011	422,274.03	-	-	-	-	-
330200	2011	4,200.00	-	-	-	-	-
330300	2011	4,364,550.00	-	-	-	-	-
339010	2011	289,755.79	-	-	214,911.45	-	(214,911.45)
339010	2011	125,390.35	-	-	34,153.20	-	(34,153.20)
339030	2011	126,344.00	-	-	4,073.03	-	(4,073.03)
339040	2011	216.41	-	-	6.97	-	(6.97)
339110	2011	4,647,823.89	-	-	-	-	-
339120	2011	1,700,268.24	-	-	-	-	-
339130	2011	3,443,867.72	-	-	-	-	-
339131	2011	388,746.00	-	-	-	-	-
339140	2011	958,811.24	-	-	-	-	-
339300	2011	146,569.23	-	-	-	-	-
339400	2011	452,595.80	-	-	-	-	-
339700	2011	154,551.56	-	-	79,818.11	-	(79,818.11)
339800	2011	594,390.05	-	-	-	-	-
130100	2012	-	-	-	-	-	-
130200	2012	-	-	-	-	-	-

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131020	2012	1,897.91	-	-	(51,000.00)	-	51,000.00
131100	2012	346,525.05	-	-	394,901.53	12,231.38	(382,670.15)
131101	2012	-	-	-	-	-	-
131110	2012	-	-	-	-	-	-
131200	2012	11,636,250.72	199,351.16	-	2,341,492.84	131,713.13	(2,010,428.55)
131201	2012	-	-	-	-	-	-
131400	2012	2,675,753.89	-	-	1,278,416.71	-	(1,278,416.71)
131500	2012	282,287.29	11,875.00	-	303,244.58	669.50	(280,700.08)
131901	2012	-	-	-	-	-	-
131950	2012	20,219.23	-	-	-	0.01	0.01
131707	2012	26,690.28	-	-	-	-	-
133020	2012	-	-	-	-	-	-
133100	2012	9,436.00	-	-	1,270.62	-	(1,270.62)
133200	2012	34,230.05	-	-	-	-	-
133300	2012	161,376.45	-	-	-	-	-
133400	2012	312.00	-	-	-	-	-
133500	2012	-	-	-	-	-	-
133600	2012	-	-	-	-	-	-
133707	2012	-	-	-	-	-	-
134020	2012	-	-	-	-	-	-
134100	2012	-	-	-	-	-	-
134200	2012	-	-	-	-	-	-
134300	2012	4,352,067.84	-	-	491,905.12	-	(491,905.12)
134400	2012	9,823.08	-	-	21,038.29	-	(21,038.29)
134900	2012	19,962.36	-	-	30,857.75	-	(30,857.75)
134900	2012	-	-	-	-	-	-
134705	2012	-	-	-	-	-	-
134707	2012	-	-	-	-	-	-
135010	2012	-	-	-	-	-	-
135020	2012	-	-	-	-	-	-
135210	2012	-	-	-	-	-	-
135310	2012	3,119,014.89	217,828.29	-	429,669.86	17,302.27	(194,539.50)
135311	2012	-	-	-	-	-	-
135400	2012	133,814.82	86,667.00	-	132,972.83	89,454.60	43,348.97
135500	2012	147,653.38	-	-	269,347.95	34,210.83	(235,137.12)
135600	2012	265,826.87	9,998.73	-	247,792.36	15,713.74	(222,069.89)
135700	2012	166,872.46	48,334.29	-	131,158.18	120,573.55	37,749.46
135800	2012	239,383.69	56,018.12	-	149,824.28	139,741.20	45,835.04
135915	2012	-	-	-	-	-	-
135917	2012	-	-	-	-	-	-
136020	2012	-	-	-	-	-	-
136025	2012	-	-	-	-	-	-
136100	2012	11,160.33	-	-	9,313.73	-	(9,313.73)
136200	2012	824,387.57	1,770.89	-	126,025.48	-	(124,254.59)
136205	2012	-	-	-	-	-	-
136400	2012	1,171,918.70	16,631.13	-	2,198,013.09	12,997.23	(2,168,384.73)
136500	2012	2,359,916.79	16,967.69	-	2,395,169.21	72,538.86	(2,305,662.66)
136600	2012	169,432.12	3,254.50	-	152,312.11	224.47	(148,832.74)
136700	2012	614,279.44	24,417.00	-	866,824.99	12,332.76	(830,075.23)
136800	2012	414,814.52	226,939.49	-	245,951.10	-	(19,011.61)
136910	2012	125,015.29	3,976.19	-	715,256.17	2,203.45	(709,076.53)
136920	2012	60,107.05	-	-	318,943.71	-	(318,943.71)
137000	2012	122,852.49	-	-	-	-	-
137310	2012	997,659.25	2,897.20	-	554,233.77	4,948.61	(546,387.76)
137320	2012	239,300.40	1,238.10	-	195,141.16	8.02	(193,895.04)
137340	2012	-	-	-	-	-	-
137405	2012	-	-	-	-	-	-
137467	2012	-	-	-	-	-	-
138210	2012	627,825.13	-	-	-	-	-
139220	2012	-	-	-	-	-	-
139400	2012	-	-	-	-	-	-
139500	2012	-	-	-	-	-	-
139610	2012	144,603.03	-	-	-	-	-
139620	2012	-	-	-	-	-	-
139720	2012	-	-	-	-	-	-
230200	2012	-	-	-	-	-	-
235010	2012	-	-	-	-	-	-
235020	2012	-	-	-	-	-	-
235120	2012	23,719.52	-	-	2,116.62	-	(2,116.62)
235130	2012	-	-	-	-	-	-
235140	2012	2,727.78	-	-	2,437.80	-	(2,437.80)
235210	2012	-	-	-	-	-	-
235220	2012	-	-	-	-	-	-
235230	2012	-	-	-	-	-	-
235240	2012	-	-	-	-	-	-
235250	2012	-	-	-	-	-	-
235255	2012	231,253.53	-	-	-	-	-
235300	2012	32,696.98	-	-	-	-	-

Louisville Gas & Electric Company Salvage & Cost of Removal Study 1972 - 2017							
Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
235400	2012	97,054.34	-	-	6,957.75	-	(6,957.75)
235500	2012	6,382.04	-	-	2,344.05	-	(2,344.05)
235600	2012	69,738.84	-	-	56,392.84	-	(56,392.84)
235750	2012	-	-	-	-	-	-
235807	2012	119,408.93	-	-	-	-	-
236520	2012	-	-	-	-	-	-
236700	2012	65,830.13	-	-	505,315.66	-	(505,315.66)
237207	2012	174,960.80	-	-	-	-	-
237412	2012	-	-	-	-	-	-
237422	2012	-	-	-	-	-	-
237510	2012	-	-	-	-	-	-
237520	2012	50,216.44	-	-	9,144.00	-	(9,144.00)
237600	2012	2,570,159.88	-	-	657,089.62	-	(657,089.62)
237600	2012	62,101.89	-	-	145,225.77	-	(145,225.77)
237900	2012	103,132.33	-	-	59,054.10	-	(59,054.10)
238000	2012	177,936.72	1,902.01	-	502,868.95	-	(500,766.94)
238100	2012	21,456.05	-	-	160.78	-	(160.78)
238300	2012	34,186.56	-	-	73.73	-	(73.73)
238500	2012	-	-	-	-	-	-
238700	2012	-	-	-	-	-	-
238805	2012	-	-	-	-	-	-
238807	2012	291,768.42	-	-	-	-	-
239210	2012	310,706.10	-	-	-	-	-
239220	2012	-	-	-	-	-	-
239400	2012	-	-	-	-	-	-
239500	2012	-	-	-	-	-	-
239610	2012	38,114.52	-	-	-	-	-
239620	2012	-	-	-	-	-	-
239720	2012	-	-	-	-	-	-
312101	2012	-	-	-	-	-	-
312102	2012	-	-	-	-	-	-
312103	2012	-	-	-	-	-	-
312104	2012	-	-	-	-	-	-
312192	2012	-	-	-	-	-	-
330100	2012	-	-	-	-	-	-
330200	2012	-	-	-	-	-	-
330300	2012	5,324,541.93	-	-	-	-	-
330310	2012	-	-	-	-	-	-
330320	2012	-	-	-	-	-	-
339910	2012	-	-	-	-	-	-
339920	2012	-	-	-	-	-	-
339910	2012	141,161.23	-	-	25,220.85	-	(25,220.85)
339920	2012	-	-	-	-	-	-
339930	2012	126,116.15	-	-	13,917.56	-	(13,917.56)
339940	2012	-	-	-	-	-	-
339960	2012	-	-	-	-	-	-
3399110	2012	-	-	-	-	-	-
3399120	2012	-	-	-	-	-	-
3399130	2012	-	-	-	-	-	-
3399131	2012	1,791,812.48	-	-	-	-	-
3399133	2012	-	-	-	-	-	-
3399140	2012	-	-	-	-	-	-
3399210	2012	18,895.24	-	-	-	-	-
3399220	2012	-	-	-	-	-	-
3399300	2012	-	-	-	-	-	-
3399400	2012	-	-	-	-	-	-
3399500	2012	-	-	-	-	-	-
3399610	2012	-	-	-	-	-	-
3399620	2012	-	-	-	-	-	-
339700	2012	9,920,467.03	3,000.00	-	34,954.33	-	(31,954.33)
339710	2012	1,458,950.07	-	-	-	-	-
3399600	2012	-	-	-	-	-	-
339915	2012	-	-	-	-	-	-
130100	2013	-	-	-	-	-	-
130200	2013	-	-	-	-	-	-
131020	2013	-	-	-	-	-	-
131100	2013	524,191.47	398.16	-	837,767.62	2,396.46	(834,973.00)
131101	2013	-	-	-	-	-	-
131105	2013	-	-	-	-	-	-
131110	2013	-	-	-	-	-	-
131200	2013	5,121,552.84	76,188.53	-	3,902,276.61	158,088.66	(3,667,999.42)
131201	2013	-	-	-	-	-	-
131400	2013	998,736.38	-	-	661,894.25	-	(661,894.25)
131500	2013	671,067.87	-	-	30,949.72	3,042.37	(27,907.35)
131501	2013	-	-	-	-	-	-
131600	2013	7,457.07	-	-	-	-	-
131707	2013	1,220,420.39	-	-	-	-	-

Louisville Gas & Electric Company Salvage & Cost of Removal Study 1972 - 2017							
Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
133020	2013	-	-	-	-	-	-
133100	2013	43,799.14	-	-	-	-	-
133200	2013	-	-	-	186,013.49	-	(186,013.49)
133300	2013	200.47	-	-	998,102.46	-	(998,102.46)
133400	2013	-	-	-	-	-	-
133500	2013	-	-	-	-	-	-
133600	2013	-	-	-	-	-	-
133707	2013	1,450.15	-	-	-	-	-
134020	2013	-	-	-	-	-	-
134100	2013	-	-	-	-	-	-
134200	2013	-	-	-	-	-	-
134300	2013	2,362,677.73	-	-	180,390.62	-	(180,390.62)
134400	2013	-	-	-	-	-	-
134500	2013	57,671.45	-	-	0.03	-	(0.03)
134600	2013	-	-	-	-	-	-
134705	2013	-	-	-	-	-	-
134707	2013	-	-	-	-	-	-
135010	2013	-	-	-	-	-	-
135020	2013	-	-	-	-	-	-
135210	2013	-	-	-	-	-	-
135310	2013	789,941.01	-	-	296,041.12	12,950.14	(285,041.98)
135311	2013	-	-	-	-	-	-
135400	2013	84,625.81	-	-	10,254.47	-	(10,254.47)
135500	2013	154,718.85	-	-	442,667.00	35,110.25	(407,556.75)
135600	2013	286,923.80	23,276.59	-	526,224.14	2,454.67	(600,492.88)
135700	2013	-	-	-	-	-	-
135800	2013	-	-	-	-	-	-
135915	2013	-	-	-	-	-	-
135917	2013	-	-	-	-	-	-
136020	2013	-	-	-	-	-	-
136025	2013	-	-	-	-	-	-
136100	2013	13,608.85	-	-	7,161.31	-	(7,161.31)
136200	2013	1,574,061.59	558.60	-	334,507.37	-	(333,948.77)
136205	2013	-	-	-	-	-	-
136400	2013	928,004.24	4,891.68	-	887,595.47	50,818.43	(831,865.36)
136500	2013	1,851,316.95	5,944.72	-	1,613,664.56	51,630.42	(1,362,289.42)
136600	2013	13,398.37	-	-	3,060.20	-	(3,060.20)
136700	2013	322,299.72	-	-	88,585.96	1,007.66	(87,578.30)
136800	2013	1,357,713.99	146,906.55	-	81,624.25	-	65,082.30
136910	2013	11,529.26	-	-	24,386.66	1,543.10	(22,843.58)
136920	2013	6,299.33	-	-	-	-	-
137000	2013	107,835.57	-	-	-	-	-
137310	2013	1,358,315.72	-	-	568,402.04	5,900.13	(562,501.91)
137320	2013	457,632.47	1,426.42	-	301,568.57	-	(300,142.15)
137340	2013	-	-	-	-	-	-
137405	2013	-	-	-	-	-	-
137497	2013	-	-	-	-	-	-
138210	2013	40,601.02	-	-	-	-	-
139220	2013	-	-	-	-	-	-
139400	2013	-	-	-	-	-	-
139500	2013	-	-	-	-	-	-
139610	2013	103,943.24	-	-	-	-	-
139620	2013	-	-	-	-	-	-
139720	2013	-	-	-	-	-	-
230200	2013	-	-	-	-	-	-
235010	2013	-	-	-	-	-	-
235020	2013	-	-	-	-	-	-
235120	2013	73,080.52	-	-	2,739.66	-	(2,739.66)
235130	2013	-	-	-	-	-	-
235140	2013	63,298.21	-	-	48,294.82	-	(48,294.82)
235210	2013	-	-	-	-	-	-
235220	2013	-	-	-	-	-	-
235230	2013	-	-	-	-	-	-
235240	2013	8,236.93	-	-	-	-	-
235250	2013	-	-	-	-	-	-
235255	2013	147,819.39	-	-	15,583.75	-	(15,583.75)
235300	2013	86,600.80	-	-	17,862.83	-	(17,862.83)
235400	2013	103,146.00	-	-	11,735.79	-	(11,735.79)
235500	2013	-	-	-	-	-	-
235600	2013	414,542.98	-	-	1,747.96	-	(1,747.96)
235700	2013	24,779.21	-	-	109.39	-	(109.39)
235805	2013	47,890.87	-	-	-	-	-
235807	2013	-	-	-	-	-	-
235820	2013	-	-	-	-	-	-
236700	2013	6,667.86	-	-	272,808.09	-	(272,808.09)
237207	2013	90,574.19	-	-	-	-	-
237412	2013	-	-	-	-	-	-
237422	2013	-	-	-	-	-	-

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Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
237510	2013	167.36	-	-	-	-	-
237520	2013	3,744.41	-	-	2,208.22	-	(2,208.22)
237600	2013	2,785,050.73	-	-	364,736.66	3,149.23	(361,587.43)
237610	2013	-	-	-	-	-	-
237600	2013	1,838,096.44	-	-	2,143.78	-	(2,143.78)
237900	2013	277,750.54	-	-	44,861.60	-	(44,861.60)
238000	2013	3,696,998.22	-	-	268,337.99	-	(268,337.99)
238010	2013	-	-	-	-	-	-
238100	2013	48,974.36	15,720.38	-	135,872.08	-	(119,851.70)
238300	2013	-	-	-	-	-	-
238500	2013	-	-	-	-	-	-
238700	2013	-	-	-	-	-	-
238805	2013	-	-	-	-	-	-
238807	2013	183,448.20	-	-	-	-	-
239210	2013	80,756.74	-	-	-	-	-
239220	2013	-	-	-	-	-	-
239400	2013	-	-	-	-	-	-
239500	2013	-	-	-	-	-	-
239610	2013	10,344.82	-	-	-	-	-
239620	2013	-	-	-	-	-	-
239720	2013	-	-	-	-	-	-
312101	2013	-	-	-	-	-	-
312102	2013	-	-	-	-	-	-
312103	2013	-	-	-	-	-	-
312104	2013	-	-	-	-	-	-
312192	2013	-	-	-	-	-	-
330100	2013	-	-	-	-	-	-
330200	2013	-	-	-	-	-	-
330300	2013	905,817.04	-	-	-	-	-
330310	2013	-	-	-	-	-	-
330320	2013	-	-	-	-	-	-
338910	2013	-	-	-	-	-	-
338920	2013	-	-	-	-	-	-
339010	2013	402,973.29	-	-	35,638.11	-	(35,638.11)
339020	2013	-	-	-	-	-	-
339050	2013	4,824.39	-	-	3,774.47	-	(3,774.47)
339040	2013	2,747.74	-	-	17,435.83	-	(17,435.83)
339060	2013	-	-	-	-	-	-
339110	2013	-	-	-	-	-	-
339120	2013	-	-	-	-	-	-
339130	2013	-	-	-	-	-	-
339131	2013	207,639.57	-	-	-	-	-
339133	2013	-	-	-	-	-	-
339140	2013	-	-	-	-	-	-
339200	2013	-	-	-	-	-	-
339210	2013	-	-	-	-	-	-
339220	2013	-	-	-	-	-	-
339300	2013	-	-	-	-	-	-
339400	2013	-	-	-	-	-	-
339500	2013	-	-	-	-	-	-
339610	2013	-	-	-	-	-	-
339620	2013	-	-	-	-	-	-
339700	2013	18,963.92	-	-	52,795.26	-	(52,795.26)
339710	2013	-	-	-	-	-	-
339800	2013	-	-	-	-	-	-
339915	2013	-	-	-	-	-	-
130100	2014	-	-	-	-	-	-
130200	2014	-	-	-	-	-	-
131020	2014	-	-	-	-	-	-
131100	2014	639,283.27	-	-	404,042.82	76,791.65	(327,251.17)
131101	2014	-	-	-	-	-	-
131105	2014	-	-	-	-	-	-
131110	2014	-	-	-	-	-	-
131200	2014	6,768,407.96	-	-	1,079,308.29	72,378.78	(1,006,929.51)
131201	2014	-	-	-	-	-	-
131400	2014	564,792.19	-	-	486,403.42	12,236.48	(476,166.94)
131500	2014	196,133.21	-	-	211,868.82	-	(211,868.82)
131501	2014	-	-	-	-	-	-
131600	2014	94,076.71	-	-	-	-	-
131707	2014	17,630.85	-	-	-	-	-
133020	2014	-	-	-	-	-	-
133100	2014	13,365.63	-	-	7,404.64	-	(7,404.64)
133200	2014	181,657.81	-	-	-	-	-
133300	2014	301,529.98	-	-	-	-	-
133400	2014	2,725.53	-	-	-	-	-
133500	2014	-	-	-	-	-	-
133600	2014	-	-	-	-	-	-
133707	2014	-	-	-	-	-	-



Louisville Gas & Electric Company Salvage & Cost of Removal Study 1972 - 2017							
Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
134020	2014	-	-	-	-	-	-
134100	2014	-	-	-	-	-	-
134200	2014	-	-	-	-	-	-
134300	2014	(52,396.24)	6,771.00	-	84,508.18	-	(77,737.18)
134400	2014	248,505.98	-	-	-	-	-
134500	2014	-	-	-	-	-	-
134600	2014	-	-	-	-	-	-
134705	2014	-	-	-	-	-	-
134707	2014	-	-	-	-	-	-
135010	2014	-	-	-	-	-	-
135020	2014	-	-	-	-	-	-
135210	2014	8,172.71	-	-	18,886.25	-	(18,886.25)
135310	2014	458,805.19	54,000.00	-	141,101.66	-	(87,101.66)
135311	2014	-	-	-	-	-	-
135400	2014	127,267.54	2,447.70	-	303,744.36	(20,377.49)	(321,674.15)
135500	2014	252,096.46	31,286.88	-	407,782.34	-	(376,495.46)
135600	2014	409,195.47	8,850.95	-	267,951.08	23,337.64	(235,762.49)
135700	2014	-	-	-	-	-	-
135800	2014	-	-	-	-	-	-
135915	2014	-	-	-	-	-	-
135917	2014	-	-	-	-	-	-
136020	2014	-	-	-	-	-	-
136025	2014	-	-	-	-	-	-
136100	2014	16,653.16	-	-	-	-	-
136200	2014	323,004.73	2,748.39	-	191,927.82	26,646.50	(162,532.93)
136205	2014	-	-	-	-	-	-
136400	2014	1,350,738.75	213,141.18	-	3,055,676.20	84,043.47	(2,758,391.55)
136500	2014	1,732,260.08	59,994.94	-	1,572,210.23	145,944.77	(1,366,270.52)
136600	2014	3,120.92	-	-	8,189.69	-	(8,189.69)
136700	2014	621,292.66	88,411.31	-	919,655.21	4,055.86	(827,188.04)
136800	2014	895,123.71	294,942.21	-	168,814.83	29,366.84	155,393.82
136910	2014	344.11	-	-	808.22	-	(808.22)
136920	2014	-	-	-	-	-	-
137000	2014	178,035.20	-	-	-	-	-
137310	2014	946,812.11	27,260.17	-	826,748.36	12,588.35	(798,899.84)
137320	2014	543,673.56	2,638.74	-	285,354.87	94.66	(283,221.47)
137340	2014	-	-	-	-	-	-
137405	2014	515.96	-	-	-	-	-
137407	2014	10,341.33	-	-	-	-	-
138210	2014	110,843.49	-	-	-	-	-
139220	2014	-	-	-	-	-	-
139400	2014	-	-	-	-	-	-
139500	2014	-	-	-	-	-	-
139610	2014	-	-	-	-	-	-
139620	2014	-	-	-	-	-	-
139720	2014	-	-	-	-	-	-
235000	2014	-	-	-	-	-	-
235010	2014	-	-	-	-	-	-
235020	2014	-	-	-	-	-	-
235120	2014	695.25	-	-	-	-	-
235130	2014	-	-	-	-	-	-
235140	2014	10,396.83	-	-	35,000.00	-	(35,000.00)
235210	2014	-	-	-	-	-	-
235220	2014	-	-	-	-	-	-
235230	2014	-	-	-	-	-	-
235240	2014	45,343.19	-	-	103,486.80	-	(103,486.80)
235250	2014	-	-	-	-	-	-
235255	2014	113,826.14	-	-	243,948.78	-	(243,948.78)
235300	2014	56,041.45	-	-	29,757.66	-	(29,757.66)
235400	2014	101,548.79	414.66	-	41,878.28	-	(41,563.62)
235500	2014	40,157.06	-	-	41,334.42	-	(41,334.42)
235600	2014	152,763.10	-	-	128,804.49	-	(128,804.49)
235700	2014	106,897.80	767.34	-	11,484.48	-	(10,727.14)
235805	2014	32,559.31	-	-	-	-	-
235807	2014	151,634.02	-	-	-	-	-
236520	2014	-	-	-	-	-	-
236700	2014	441,353.31	-	-	187,257.84	-	(187,257.84)
237207	2014	99,784.48	-	-	-	-	-
237412	2014	-	-	-	-	-	-
237422	2014	-	-	-	-	-	-
237510	2014	18,106.27	-	-	2,429.81	-	(2,429.81)
237520	2014	9,678.96	-	-	9,300.00	-	(9,300.00)
237600	2014	3,106,364.95	-	-	559,487.96	1,350.00	(558,137.96)
237610	2014	-	-	-	-	-	-
237800	2014	1,766.30	-	-	-	-	-
237900	2014	47,417.89	-	-	32,316.61	-	(32,316.61)
238000	2014	3,862,707.15	-	-	312,017.15	-	(312,017.15)
238010	2014	-	-	-	-	-	-

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238100	2014	1,136,716.65	8,762.88	-	115,036.64	-	(106,273.76)
238300	2014	219,487.51	-	-	510.00	-	(510.00)
238500	2014	-	-	-	-	-	-
238700	2014	-	-	-	-	-	-
238805	2014	-	-	-	-	-	-
238807	2014	256,516.91	-	-	-	-	-
239210	2014	-	-	-	-	-	-
239220	2014	2,860.83	97.40	-	7.11	-	90.29
239400	2014	-	-	-	-	-	-
239500	2014	-	-	-	-	-	-
239610	2014	134,492.17	-	-	-	-	-
239620	2014	-	-	-	-	-	-
239720	2014	-	-	-	-	-	-
312101	2014	-	-	-	-	-	-
312102	2014	-	-	-	-	-	-
312103	2014	-	-	-	-	-	-
312104	2014	-	-	-	-	-	-
312192	2014	-	-	-	-	-	-
330100	2014	-	-	-	-	-	-
330200	2014	-	-	-	-	-	-
330300	2014	1,245,226.63	-	-	-	-	-
330310	2014	-	-	-	-	-	-
330320	2014	-	-	-	-	-	-
338910	2014	-	-	-	-	-	-
338920	2014	-	-	-	-	-	-
339010	2014	258,315.82	-	-	44,055.01	-	(44,055.01)
339020	2014	-	-	-	-	-	-
339030	2014	1,002.47	-	-	(5,071.34)	-	5,071.34
339040	2014	776.17	-	-	-	-	-
339060	2014	-	-	-	-	-	-
339110	2014	-	-	-	-	-	-
339120	2014	-	-	-	-	-	-
339130	2014	-	-	-	-	-	-
339131	2014	56,715.18	-	-	-	-	-
339133	2014	-	-	-	-	-	-
339140	2014	-	-	-	-	-	-
339200	2014	-	-	-	-	-	-
339210	2014	-	-	-	-	-	-
339220	2014	-	-	-	-	-	-
339300	2014	-	-	-	-	-	-
339400	2014	-	-	-	-	-	-
339500	2014	-	-	-	-	-	-
339810	2014	-	-	-	-	-	-
339620	2014	-	-	-	-	-	-
339700	2014	3,157.76	-	-	9,084.29	-	(9,084.29)
339710	2014	-	-	-	-	-	-
339800	2014	-	-	-	-	-	-
339915	2014	107,438.26	-	-	-	-	-
130100	2015	-	-	-	-	-	-
130200	2015	-	-	-	-	-	-
131020	2015	-	-	-	-	-	-
131100	2015	30,887,394.00	-	-	386,410.08	32,500.00	(353,910.08)
131101	2015	-	-	-	-	-	-
131105	2015	-	-	-	-	-	-
131110	2015	-	-	-	-	-	-
131200	2015	375,572,696.20	44,171.36	-	4,800,774.01	390,285.35	(4,366,317.30)
131201	2015	-	-	-	-	-	-
131400	2015	43,111,774.21	923,936.68	-	1,289,287.04	-	(365,331.38)
131500	2015	53,436,072.50	27,259.87	-	131,720.39	-	(104,460.52)
131501	2015	-	-	-	-	-	-
131600	2015	3,012,712.31	-	-	188.00	-	(188.00)
131707	2015	222,925.21	-	-	-	-	-
133020	2015	-	-	-	-	-	-
133102	2015	5,637.12	-	-	14,860.88	-	(14,860.88)
133200	2015	-	-	-	-	-	-
133300	2015	48,704.49	-	-	2,035.49	-	(2,035.49)
133400	2015	10,626.42	-	-	-	-	-
133500	2015	-	-	-	-	-	-
133600	2015	-	-	-	-	-	-
133707	2015	-	-	-	-	-	-
134020	2015	-	-	-	-	-	-
134100	2015	-	-	-	-	-	-
134200	2015	-	-	-	-	-	-
134300	2015	177,520.86	-	-	-	-	-
134400	2015	-	-	-	-	-	-
134500	2015	23,085.81	-	-	7,519.76	-	(7,519.76)
134600	2015	-	-	-	-	-	-
134705	2015	-	-	-	-	-	-

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134707	2015	-	-	-	-	-	-
135010	2015	-	-	-	-	-	-
135020	2015	1,556.97	-	-	-	-	-
135210	2015	17,436.80	-	-	11,027.42	-	(11,027.42)
135319	2015	3,227,744.23	154,731.39	-	2,082,021.63	-	(1,827,290.24)
135311	2015	-	-	-	-	-	-
135320	2015	-	-	-	-	-	-
135400	2015	22,677.44	-	-	78,104.51	-	(78,104.51)
135500	2015	553,177.44	18,066.96	-	871,781.89	23,492.33	(830,202.60)
135600	2015	84,639.02	30,300.40	-	596,209.31	21,781.56	(546,127.33)
135700	2015	-	-	-	-	-	-
135800	2015	-	-	-	-	-	-
135915	2015	-	-	-	-	-	-
135917	2015	-	-	-	-	-	-
136020	2015	23,069.25	-	-	(102,340.58)	-	102,340.58
136025	2015	-	-	-	-	-	-
138100	2015	81,048.58	-	-	11,333.18	-	(11,333.18)
138200	2015	854,431.32	37,325.93	-	278,424.22	-	(241,098.29)
138205	2015	-	-	-	-	-	-
138400	2015	1,562,249.16	10,550.80	-	1,613,227.13	53,447.02	(1,549,229.51)
138500	2015	2,583,877.57	235,092.05	-	2,479,942.83	64,028.72	(2,180,721.76)
138600	2015	144,361.83	2,817.36	-	150.22	-	2,667.14
138700	2015	282,083.85	68,829.13	-	241,653.01	8,767.38	(164,056.50)
138800	2015	260,203.05	250,061.57	-	410,850.96	47,625.46	(113,163.93)
138910	2015	3.69	-	-	-	-	-
138920	2015	-	-	-	-	-	-
137000	2015	56,715.57	-	-	-	-	-
137001	2015	-	-	-	-	-	-
137310	2015	789,929.34	1,837.76	-	535,804.54	2,767.67	(531,199.11)
137320	2015	157,229.06	519.27	-	115,779.70	19,418.74	(96,841.69)
137340	2015	-	-	-	-	-	-
137405	2015	-	-	-	-	-	-
137407	2015	8,051.79	-	-	-	-	-
139200	2015	-	-	-	-	-	-
139210	2015	5,284,389.98	-	-	-	-	-
139220	2015	295,105.57	-	-	-	-	-
139400	2015	142,874.70	-	-	-	-	-
139500	2015	-	-	-	-	-	-
139610	2015	425,785.76	-	-	-	-	-
139620	2015	-	-	-	-	-	-
139720	2015	-	-	-	-	-	-
239260	2015	-	-	-	-	-	-
235010	2015	-	-	-	-	-	-
235020	2015	-	-	-	-	-	-
235120	2015	-	-	-	-	-	-
235130	2015	-	-	-	-	-	-
235140	2015	7,544.14	-	-	46,909.79	-	(46,909.79)
235210	2015	-	-	-	-	-	-
235220	2015	-	-	-	-	-	-
235230	2015	-	-	-	-	-	-
235240	2015	69,703.78	-	-	186,241.21	-	(186,241.21)
235250	2015	-	-	-	-	-	-
235255	2015	436,016.37	3,018.85	-	404,105.43	-	(401,086.58)
235300	2015	24,530.79	-	-	41,578.90	-	(41,578.90)
235400	2015	43,150.23	-	-	32,200.25	-	(32,200.25)
235500	2015	-	-	-	-	-	-
235600	2015	32,233.38	-	-	23,009.83	-	(23,009.83)
235700	2015	7,866.72	3,890.00	-	556.76	-	3,293.24
235805	2015	-	-	-	-	-	-
235807	2015	248,316.59	-	-	-	-	-
236520	2015	-	-	-	-	-	-
236700	2015	362,789.15	-	-	118,408.74	-	(118,408.74)
237207	2015	41,150.29	-	-	-	-	-
237412	2015	126.51	-	-	-	-	-
237422	2015	-	-	-	-	-	-
237510	2015	33,752.17	352.24	-	17,178.67	16,700.93	(125.50)
237520	2015	-	-	-	-	-	-
237600	2015	291,962.91	-	-	225,728.53	-	(225,728.53)
237610	2015	-	-	-	-	-	-
237600	2015	66,553.14	-	-	29,990.94	-	(29,990.94)
237900	2015	386,646.01	3,085.07	-	189,487.30	146,282.13	(40,120.10)
238000	2015	4,016,407.69	-	-	761,115.38	-	(761,115.38)
238010	2015	-	-	-	-	-	-
238100	2015	744,042.87	14,813.69	-	169,789.62	-	(154,975.93)
238300	2015	379,124.73	-	-	1,460.65	-	(1,460.65)
238500	2015	-	-	-	-	-	-
238700	2015	-	-	-	-	-	-
238805	2015	-	-	-	-	-	-

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238807	2015	286,698.52	-	-	-	-	-
239200	2015	-	-	-	-	-	-
239210	2015	137,416.40	-	-	-	-	-
239220	2015	247,097.77	1,681.03	-	104.47	-	1,576.56
239400	2015	-	-	-	-	-	-
239500	2015	-	-	-	-	-	-
239610	2015	81,787.13	-	-	-	-	-
239620	2015	-	-	-	-	-	-
239720	2015	-	-	-	-	-	-
312101	2015	-	-	-	-	-	-
312102	2015	-	-	-	-	-	-
312103	2015	-	-	-	-	-	-
312104	2015	516.72	-	-	-	-	-
312192	2015	-	-	-	-	-	-
330100	2015	-	-	-	-	-	-
330200	2015	-	-	-	-	-	-
330300	2015	2,320,967.22	-	-	-	-	-
330310	2015	-	-	-	-	-	-
330320	2015	-	-	-	-	-	-
330910	2015	-	-	-	-	-	-
330920	2015	-	-	-	-	-	-
339010	2015	944,933.09	-	-	16,510.09	-	(16,510.09)
339020	2015	-	-	-	-	-	-
339030	2015	8,932.48	-	-	-	-	-
339040	2015	525.93	-	-	-	-	-
339060	2015	-	-	-	-	-	-
339110	2015	4,001,949.67	-	-	-	-	-
339120	2015	1,092,527.02	-	-	-	-	-
339130	2015	7,734,750.76	-	-	-	-	-
339131	2015	1,106,479.32	-	-	-	-	-
339133	2015	-	-	-	-	-	-
339140	2015	1,595,697.20	-	-	-	-	-
339200	2015	-	-	-	-	-	-
339210	2015	-	-	-	-	-	-
339220	2015	34,328.03	-	-	-	-	-
339300	2015	-	-	-	-	-	-
339400	2015	-	-	-	-	-	-
339500	2015	-	-	-	-	-	-
339610	2015	-	-	-	-	-	-
339620	2015	-	-	-	-	-	-
339700	2015	259,439.85	-	-	-	-	-
339710	2015	69,835.13	-	-	-	-	-
339800	2015	-	-	-	-	-	-
339915	2015	-	-	-	-	-	-
130100	2016	-	-	-	-	-	-
130200	2016	-	-	-	-	-	-
131020	2016	-	-	-	-	-	-
131100	2016	533,974.97	-	-	81,845.31	(649.35)	(82,294.66)
131101	2016	-	-	-	-	-	-
131105	2016	-	-	-	-	-	-
131110	2016	-	-	-	-	-	-
131200	2016	71,290,646.28	(417,878.95)	-	2,545,035.67	(263,654.65)	(3,226,769.27)
131221	2016	-	-	-	-	-	-
131400	2016	(43,222.04)	-	-	953,233.87	(219.98)	(953,453.85)
131500	2016	1,616,603.42	(42,500.00)	-	56,804.02	-	(99,304.02)
131501	2016	-	-	-	-	-	-
131800	2016	123,601.58	(2,650.00)	-	5,116.35	-	(7,766.35)
131707	2016	765,926.26	-	-	-	-	-
131708	2016	-	-	-	-	-	-
133020	2016	-	-	-	-	-	-
133100	2016	3,671.55	-	-	10,232.70	-	(10,232.70)
133200	2016	73,001.94	-	-	5,116.35	-	(5,116.35)
133300	2016	57,217.40	-	-	637.41	-	(637.41)
133400	2016	-	-	-	-	-	-
133500	2016	1,539.00	(110.96)	-	(0.59)	-	(110.37)
133600	2016	-	-	-	-	-	-
133707	2016	-	-	-	-	-	-
134020	2016	-	-	-	-	-	-
134100	2016	133,323.27	(1,410.61)	-	37,936.64	-	(39,347.25)
134200	2016	-	-	-	-	-	-
134300	2016	27,072.28	-	-	1,179.34	-	(1,179.34)
134400	2016	40,808.99	(1.48)	-	(0.01)	-	(1.47)
134500	2016	89,026.15	(21.75)	-	(0.12)	-	(21.63)
134600	2016	-	-	-	-	-	-
134705	2016	-	-	-	-	-	-
134707	2016	-	-	-	-	-	-
135010	2016	-	-	-	-	-	-
135020	2016	-	-	-	(26,900.00)	-	26,900.00

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135210	2016	70,611.93	(13,462.08)	-	865.32	-	(14,457.40)
135220	2016	-	-	-	-	-	-
135310	2016	1,387,645.07	(158,311.54)	-	127,247.31	26,121.49	(259,437.36)
135311	2016	-	-	-	-	-	-
135320	2016	-	-	-	-	-	-
135400	2016	189,827.35	(3,465.83)	-	75,564.60	(7,549.63)	(86,580.06)
135500	2016	389,631.44	(1,262.01)	-	561,670.55	(21,178.57)	(584,111.13)
135600	2016	379,145.06	(3,408.49)	-	992,249.56	(191.83)	(985,849.88)
135700	2016	-	-	-	-	-	-
135800	2016	-	-	-	-	-	-
135915	2016	-	-	-	-	-	-
135917	2016	-	-	-	-	-	-
136020	2016	-	-	-	-	-	-
136025	2016	-	-	-	-	-	-
136100	2016	25,028.79	(753.03)	-	3,096.17	-	(3,849.20)
136200	2016	595,619.43	(9.19)	-	140,160.75	-	(140,169.94)
136205	2016	-	-	-	-	-	-
136400	2016	1,437,598.99	(18,342.91)	-	1,678,986.31	(115,869.66)	(1,813,198.88)
136500	2016	2,273,790.48	(42,437.62)	-	2,584,747.44	(361,772.38)	(2,988,957.44)
136600	2016	188,472.62	(1,152.96)	-	32,393.44	(606.82)	(34,153.24)
136700	2016	1,261,896.46	(67,518.90)	-	1,399,917.97	(202,968.67)	(1,670,405.54)
136800	2016	334,282.64	(27,688.01)	-	273,457.21	(31,209.42)	(332,354.64)
136910	2016	26,404.25	-	-	199,096.65	-	(199,096.65)
136920	2016	112,759.03	-	-	135,824.59	-	(135,824.59)
137000	2016	523,208.86	(5,209.87)	-	-	-	(5,209.87)
137001	2016	-	-	-	-	-	-
137101	2016	-	-	-	-	-	-
137310	2016	1,823,106.25	(6,820.60)	-	943,964.46	(986.33)	(951,771.39)
137320	2016	1,600,511.42	(4,139.47)	-	189,926.18	(18.07)	(193,083.72)
137340	2016	-	-	-	-	-	-
137405	2016	-	-	-	-	-	-
137407	2016	-	-	-	-	-	-
139200	2016	27,381.54	-	-	-	-	-
139210	2016	48,978.50	0.00	-	-	-	0.00
139220	2016	-	-	-	-	-	-
139400	2016	92,166.14	-	-	-	-	-
139500	2016	-	-	-	-	-	-
139610	2016	-	-	-	-	-	-
139620	2016	-	-	-	-	-	-
139720	2016	407,012.05	-	-	-	-	-
230200	2016	-	-	-	-	-	-
235010	2016	-	-	-	-	-	-
235020	2016	-	-	-	-	-	-
235120	2016	3,024.64	-	-	176.20	-	(176.20)
235130	2016	108.58	(7.83)	-	(0.04)	-	(7.79)
235140	2016	9,637.80	(74.07)	-	21,160.15	-	(21,234.22)
235210	2016	-	-	-	-	-	-
235220	2016	-	-	-	-	-	-
235230	2016	-	-	-	-	-	-
235240	2016	-	-	-	-	-	-
235250	2016	-	-	-	-	-	-
235255	2016	26,431.73	-	-	120,267.01	-	(120,267.01)
235300	2016	6,179.06	-	-	11,389.45	-	(11,389.45)
235400	2016	364,291.37	-	-	144,422.46	-	(144,422.46)
235500	2016	2,288.25	-	-	-	-	-
235600	2016	34,323.88	-	-	295,838.98	-	(295,838.98)
235700	2016	4,875.81	(351.55)	-	(1.89)	-	(349.66)
235805	2016	4,450.28	-	-	-	-	-
235807	2016	52,867.67	-	-	-	-	-
236520	2016	-	-	-	-	-	-
236700	2016	88,991.00	-	-	61,231.55	-	(61,231.55)
237207	2016	2,851.93	-	-	-	-	-
237412	2016	-	-	-	-	-	-
237422	2016	-	-	-	-	-	-
237510	2016	597.46	-	-	780.63	-	(780.63)
237520	2016	3,608.67	-	-	-	-	-
237600	2016	309,953.23	-	-	413,585.53	4,945.86	(406,639.67)
237610	2016	-	-	-	-	-	-
237600	2016	87,472.57	(9.25)	-	21,864.98	-	(21,874.23)
237900	2016	24,883.53	-	-	47,161.63	-	(47,161.63)
238000	2016	7,034,482.94	-	-	1,560,883.99	-	(1,560,883.99)
238010	2016	-	-	-	-	-	-
238100	2016	846,588.38	(2,541.22)	-	308,288.78	-	(310,828.00)
238300	2016	183,921.28	-	-	-	-	-
238500	2016	-	-	-	-	-	-
238700	2016	-	-	-	-	-	-
238805	2016	-	-	-	-	-	-
238807	2016	487,435.15	-	-	-	-	-

Louisville Gas & Electric Company Salvage & Cost of Removal Study 1972 - 2017							
Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
239200	2016	-	-	-	-	-	-
239210	2016	-	-	-	-	-	-
239220	2016	2,173.00	(647.89)	-	(22.96)	-	(624.93)
239450	2016	245,638.37	-	-	-	-	-
239500	2016	-	-	-	-	-	-
239610	2016	174,040.09	(43,607.11)	-	(1,545.44)	-	(42,061.67)
239620	2016	-	-	-	-	-	-
239720	2016	-	-	-	-	-	-
312101	2016	-	-	-	-	-	-
312102	2016	-	-	-	-	-	-
312103	2016	-	-	-	-	-	-
312104	2016	-	-	-	-	-	-
312105	2016	-	-	-	-	-	-
330100	2016	-	-	-	-	-	-
330200	2016	-	-	-	-	-	-
330300	2016	7,105,652.66	-	-	-	-	-
330310	2016	-	-	-	-	-	-
330320	2016	-	-	-	-	-	-
330910	2016	-	-	-	-	-	-
330920	2016	224,940.09	-	-	37,056.64	-	(37,056.64)
330930	2016	81,110.28	-	-	-	-	-
330940	2016	-	-	-	-	-	-
330960	2016	-	-	-	-	-	-
339110	2016	149,020.10	-	-	973.36	-	(973.36)
339120	2016	177,487.45	-	-	33,377.59	-	(33,377.59)
339130	2016	4,312,339.99	-	-	-	-	-
339131	2016	1,228,505.58	-	-	-	-	-
339133	2016	-	-	-	-	-	-
339140	2016	6,516.09	-	-	-	-	-
339200	2016	-	-	-	-	-	-
339210	2016	-	-	-	-	-	-
339220	2016	7,703.58	-	-	-	-	-
339300	2016	-	-	-	-	-	-
339400	2016	-	-	-	-	-	-
339500	2016	-	-	-	-	-	-
339610	2016	-	-	-	-	-	-
339620	2016	-	-	-	-	-	-
339700	2016	10,069,894.31	(1,397.96)	-	79,484.71	-	(80,882.67)
339710	2016	4,105,436.96	-	-	-	-	-
339800	2016	-	-	-	-	-	-
339915	2016	-	-	-	-	-	-
130100	2017	-	-	-	-	-	-
130200	2017	-	-	-	-	-	-
131020	2017	-	-	-	-	-	-
131100	2017	209,322.45	-	-	70,122.18	(1,391.62)	(71,513.80)
131101	2017	-	-	-	-	-	-
131105	2017	-	-	-	-	-	-
131110	2017	-	-	-	-	-	-
131200	2017	13,091,124.68	(66,442.00)	-	30,451,503.38	(321,216.45)	(30,839,161.83)
131201	2017	-	-	-	-	-	-
131400	2017	1,207,097.31	(748,975.91)	-	314,039.02	(17,100.98)	(1,060,115.91)
131500	2017	22,054.35	-	-	19,822.47	-	(19,822.47)
131501	2017	-	-	-	-	-	-
131600	2017	207,366.95	-	-	-	-	-
131707	2017	20,817,965.80	-	-	-	-	-
131708	2017	-	-	-	-	-	-
133020	2017	-	-	-	-	-	-
133100	2017	28,266.74	-	-	-	-	-
133200	2017	7,416.11	-	-	-	-	-
133300	2017	153,828.44	-	-	-	-	-
133400	2017	21,030.50	-	-	-	-	-
133500	2017	3,308.58	-	-	-	-	-
133600	2017	-	-	-	-	-	-
133707	2017	-	-	-	-	-	-
134020	2017	-	-	-	-	-	-
134100	2017	-	-	-	-	-	-
134200	2017	21,564.32	-	-	15,336.32	-	(15,336.32)
134300	2017	890,334.67	-	-	100,424.42	-	(100,424.42)
134400	2017	308,016.35	-	-	71,189.86	-	(71,189.86)
134500	2017	-	-	-	-	-	-
134600	2017	22,884.80	-	-	-	-	-
134705	2017	-	-	-	-	-	-
134707	2017	-	-	-	-	-	-
135010	2017	-	-	-	-	-	-
135020	2017	-	-	-	-	-	-
135210	2017	26,705.65	-	-	19,272.76	-	(19,272.76)

Louisville Gas & Electric Company  
Salvage & Cost of Removal Study 1972 - 2017

Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
135220	2017	-	-	-	-	-	-
135310	2017	1,324,026.52	(6,270.33)	-	1,238,941.98	-	(1,245,212.31)
135311	2017	-	-	-	-	-	-
135320	2017	-	-	-	-	-	-
135400	2017	(91,139.37)	-	-	-	-	-
135500	2017	468,266.03	(378.27)	-	238,725.34	-	(239,103.61)
135600	2017	241,276.93	(13.13)	-	137,831.15	-	(137,844.28)
135700	2017	-	-	-	-	-	-
135800	2017	-	-	-	-	-	-
135915	2017	-	-	-	-	-	-
135917	2017	7,370.88	-	-	-	-	-
136020	2017	-	-	-	-	-	-
136025	2017	-	-	-	-	-	-
136100	2017	22,759.97	-	-	17,539.36	-	(17,539.36)
136200	2017	711,864.94	(11,698.46)	-	149,803.63	-	(160,502.11)
136205	2017	-	-	-	-	-	-
136400	2017	2,893,219.44	(997.83)	-	3,290,677.96	(311,095.41)	(3,562,771.20)
136500	2017	2,802,229.80	(95,894.16)	-	1,648,848.89	(162,255.87)	(1,804,998.92)
136600	2017	408,131.74	(18,723.83)	-	266,156.25	(20,288.21)	(305,168.29)
136700	2017	1,560,438.90	(179,666.96)	-	1,206,894.14	(76,642.25)	(1,463,205.35)
136800	2017	2,952,153.90	(255,445.56)	-	1,953,995.72	(1,749,409.29)	(3,984,450.57)
136910	2017	37,302.65	-	-	244,529.68	-	(244,529.68)
136920	2017	41,292.16	-	-	168,626.65	-	(168,626.65)
137000	2017	3,063,601.61	-	-	-	-	-
137001	2017	77,652.32	(72,404.10)	-	-	-	(72,404.10)
137020	2017	-	-	-	-	-	-
137101	2017	-	-	-	-	-	-
137310	2017	82,893.62	(42.11)	-	883,470.35	-	(883,512.46)
137320	2017	205,459.60	(23,424.71)	-	423,274.24	-	(446,698.95)
137340	2017	-	-	-	-	-	-
137405	2017	16,644.41	-	-	-	-	-
137407	2017	25,506.84	-	-	-	-	-
139200	2017	-	-	-	-	-	-
139210	2017	43,755.68	-	-	-	-	-
139220	2017	120,660.21	-	-	-	-	-
139400	2017	143,955.40	-	-	-	-	-
139500	2017	-	-	-	-	-	-
139610	2017	421,228.56	-	-	-	-	-
139620	2017	-	-	-	-	-	-
139720	2017	-	-	-	-	-	-
230200	2017	-	-	-	-	-	-
235010	2017	-	-	-	-	-	-
235020	2017	-	-	-	-	-	-
235120	2017	10,299.04	(696.13)	-	72,521.63	-	(73,217.76)
235130	2017	-	-	-	-	-	-
235140	2017	4,266.48	-	-	9,443.13	-	(9,443.13)
235210	2017	-	-	-	-	-	-
235220	2017	-	-	-	-	-	-
235230	2017	-	-	-	-	-	-
235240	2017	22,422.08	-	-	71,846.05	-	(71,846.05)
235250	2017	-	-	-	-	-	-
235255	2017	93,523.94	-	-	178,025.79	-	(178,025.79)
235300	2017	36,754.45	-	-	6,665.43	-	(6,665.43)
235400	2017	140,346.94	-	-	271,117.17	-	(271,117.17)
235500	2017	13,110.70	-	-	2,691.52	-	(2,691.52)
235600	2017	178,700.26	-	-	7,168.79	-	(7,168.79)
235700	2017	-	-	-	-	-	-
235805	2017	60,682.27	-	-	-	-	-
235807	2017	113,682.42	-	-	-	-	-
236520	2017	-	-	-	-	-	-
236700	2017	217,700.06	-	-	114,945.03	-	(114,945.03)
237207	2017	42,504.33	-	-	-	-	-
237412	2017	-	-	-	-	-	-
237422	2017	-	-	-	-	-	-
237510	2017	-	-	-	-	-	-
237520	2017	-	-	-	-	-	-
237600	2017	1,280,572.20	-	-	99,766.20	(39,916.24)	(139,662.44)
237610	2017	-	-	-	-	-	-
237620	2017	-	-	-	-	-	-
237800	2017	9,430.72	-	-	25,403.28	-	(25,403.28)
237900	2017	324,494.27	-	-	89,852.37	-	(89,852.37)
238000	2017	171,007.24	-	-	38,057.43	-	(38,057.43)
238010	2017	-	-	-	-	-	-
238020	2017	-	-	-	-	-	-
238100	2017	730,340.16	(30,729.81)	-	363,690.64	-	(394,420.45)
238300	2017	53.07	-	-	1,191.46	-	(1,191.46)
238500	2017	-	-	-	-	-	-
238700	2017	-	-	-	-	-	-

Louisville Gas & Electric Company  
Salvage & Cost of Removal Study 1972 - 2017

Acct	Year	Ret	Salvage	CP Salvage	Removal	CP Removal	Net Salvage
238805	2017	37,095.39	-	-	-	-	-
238807	2017	23,043.13	-	-	-	-	-
239200	2017	-	-	-	-	-	-
239210	2017	140,373.58	-	-	-	-	-
239220	2017	36,901.83	-	-	-	-	-
239400	2017	335,120.42	-	-	-	-	-
239500	2017	-	-	-	-	-	-
239610	2017	281,849.92	-	-	-	-	-
239620	2017	-	-	-	-	-	-
239720	2017	-	-	-	-	-	-
312101	2017	-	-	-	-	-	-
312102	2017	-	-	-	-	-	-
312103	2017	-	-	-	-	-	-
312104	2017	-	-	-	-	-	-
312192	2017	-	-	-	-	-	-
330100	2017	-	-	-	-	-	-
330200	2017	-	-	-	-	-	-
330300	2017	8,008,540.89	-	-	-	-	-
330310	2017	-	-	-	-	-	-
330320	2017	-	-	-	-	-	-
339810	2017	-	-	-	-	-	-
339920	2017	-	-	-	-	-	-
339010	2017	870,805.71	-	-	142,310.04	-	(142,310.04)
339020	2017	-	-	-	-	-	-
339030	2017	69,403.29	-	-	3,541.78	-	(3,541.78)
339040	2017	-	-	-	-	-	-
339060	2017	1,917.02	-	-	4,509.80	-	(4,509.80)
339110	2017	248,851.16	-	-	23,104.61	-	(23,104.61)
339120	2017	-	-	-	15,119.12	-	(15,119.12)
339130	2017	4,080,319.30	-	-	-	-	-
339131	2017	1,005,087.57	-	-	-	-	-
339133	2017	-	-	-	-	-	-
339140	2017	-	-	-	-	-	-
339200	2017	20,757.36	-	-	-	-	-
339210	2017	-	-	-	-	-	-
339220	2017	13,783.47	-	-	-	-	-
339300	2017	-	-	-	-	-	-
339400	2017	-	-	-	-	-	-
339500	2017	-	-	-	-	-	-
339610	2017	-	-	-	-	-	-
339620	2017	-	-	-	-	-	-
339700	2017	2,103,725.53	-	-	50,259.77	-	(50,259.77)
339710	2017	6,626.40	-	-	15,588.66	-	(15,588.66)
339800	2017	-	-	-	-	-	-
339915	2017	-	-	-	-	-	-
<b>2017 Total</b>		<b>75,393,109.04</b>	<b>(1,511,805.32)</b>	<b>0.00</b>	<b>44,524,445.45</b>	<b>(2,695,316.32)</b>	<b>(48,731,567.09)</b>
		75,393,109.04	(1,511,805.32)	-	44,524,445.45	(2,695,316.32)	(48,731,567.09)



**KENTUCKY UTILITIES COMPANY  
SUMMARY OF UTILITY PLANT - REGULATORY ACCOUNTING  
DECEMBER 2017**

	<u>Beginning Balance</u>	<u>Additions</u>	<u>Retirements</u>	<u>Transfers/ Adjustments</u>	<u>Net Additions</u>	<u>Ending Balance</u>
<b>101 UTILITY PLANT IN SERVICE</b>						
<b>Electric</b>						
Electric Distribution	1,684,517,943.63	93,561,334.22	(25,442,908.20)	(1,005,298.90)	67,113,127.12	1,751,631,070.75
Electric General Plant	172,180,002.79	16,643,379.35	(5,739,015.42)	(131,956.31)	10,772,407.62	182,952,410.41
Electric Hydro Production	42,370,918.61	-	(23,675.00)	-	(23,675.00)	42,347,243.61
Electric Intangible Plant	89,979,230.91	11,083,870.05	(7,464,577.36)	-	3,619,292.69	93,598,523.60
Electric Other Production	970,001,317.19	28,804,692.88	(3,080,794.96)	3,647.03	25,727,544.95	995,728,862.14
Electric Steam Production	3,964,520,211.18	505,487,308.82	(14,556,935.39)	(45,940,016.92)	444,990,356.51	4,409,510,567.69
Electric Transmission	816,011,552.09	60,852,418.96	(12,699,756.27)	731,109.45	48,883,772.14	864,895,324.23
<b>Total 101 Accounts</b>	<u>7,739,581,176.40</u>	<u>716,433,004.28</u>	<u>(69,007,662.60)</u>	<u>(46,342,515.65)</u>	<u>601,082,826.03</u>	<u>8,340,664,002.43</u>
<b>102 ELECTRIC PLANT PURCHASED OR SOLD</b>						
<b>Electric</b>						
Electric General Plant	-	-	-	-	-	-
Electric Steam	-	-	-	-	-	-
<b>Total 102001</b>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>105 PLANT HELD FOR FUTURE USE</b>						
<b>Electric</b>						
Electric Distribution	437,970.09	-	-	1,033,452.50	1,033,452.50	1,471,422.59
Electric Other Production	309,540.85	-	-	-	-	309,540.85
Electric Steam Production	-	-	-	-	-	-
Electric General Plant	-	-	-	131,956.31	131,956.31	131,956.31
<b>Total 105001</b>	<u>747,510.94</u>	<u>-</u>	<u>-</u>	<u>1,165,408.81</u>	<u>1,165,408.81</u>	<u>1,912,919.75</u>
<b>106 COMPLETED CONSTRUCTION NOT CLASSIFIED</b>						
<b>Electric</b>						
Electric Distribution	62,022,822.45	(9,804,642.71)	-	-	(9,804,642.71)	52,218,179.74
Electric General Plant	10,696,990.27	(7,206,482.36)	-	-	(7,206,482.36)	3,490,507.91
Electric Hydro Production	0.00	31,713.32	-	-	31,713.32	31,713.32
Electric Intangible Plant	8,287,193.85	16,803,016.91	-	-	16,803,016.91	25,090,210.76
Electric Other Production	27,073,369.97	3,614,003.58	-	-	3,614,003.58	30,687,373.55
Electric Steam Production	1,178,439,212.05	(415,146,554.90)	-	-	(415,146,554.90)	763,292,657.15
Electric Transmission	58,906,529.73	889,799.08	-	-	889,799.08	59,796,328.81
<b>Total 106 Accounts</b>	<u>1,345,426,118.32</u>	<u>(410,819,147.08)</u>	<u>-</u>	<u>-</u>	<u>(410,819,147.08)</u>	<u>934,606,971.24</u>

KENTUCKY UTILITIES COMPANY  
SUMMARY OF UTILITY PLANT - REGULATORY ACCOUNTING  
DECEMBER 2017

	Beginning Balance	Additions	Retirements	Transfers/ Adjustments	Net Additions	Ending Balance
121 <b>NONUTILITY PROPERTY Common</b>						
Non Utility Property	971,313.10	-	-	(792,599.21)	(792,599.21)	178,713.89
<b>Total 121001</b>	971,313.10	-	-	(792,599.21)	(792,599.21)	178,713.89
107 <b>CONSTRUCTION WORK IN PROGRESS Electric</b>						
Electric	180,793,120.27	140,374,819.65	-	-	140,374,819.65	321,167,939.92
<b>Total 107001</b>	180,793,120.27	140,374,819.65	-	-	140,374,819.65	321,167,939.92
<b>Total Plant (Non-CWIP)</b>	<u>9,086,726,118.76</u>	<u>305,613,857.20</u>	<u>(69,007,662.60)</u>	<u>(45,969,706.05)</u>	<u>190,636,488.55</u>	<u>9,277,362,607.31</u>
<b>Total Plant + CWIP</b>	<u>9,267,519,239.03</u>	<u>445,988,676.85</u>	<u>(69,007,662.60)</u>	<u>(45,969,706.05)</u>	<u>331,011,308.20</u>	<u>9,598,530,547.23</u>
<b>Total Plant + CWIP - Non Utility (BS)</b>	<u>9,266,547,925.93</u>	<u>445,988,676.85</u>	<u>(69,007,662.60)</u>	<u>(45,177,106.84)</u>	<u>331,803,907.41</u>	<u>9,598,351,833.34</u>

KENTUCKY UTILITIES COMPANY  
SUMMARY OF UTILITY PLANT - REGULATORY ACCOUNTING  
DECEMBER 2017

	Beginning Balance	Accruals	Retirements	Transfer/ Adjustments	ARO Settlements	RWIP Transfers Out	Cost of Removal	Salvage	Other Credits	Ending Balance
<b>LIFE RESERVE</b>										
Electric Distribution	(490,672,507.90)	(35,749,150.47)	25,441,207.45	109,068.50	-	-	-	-	-	(500,671,382.42)
Electric Distribution - ARO	(124,497.80)	(2,559.95)	1,700.75	-	-	-	-	-	-	(125,357.00)
Electric General Plant	(60,672,288.89)	(11,473,992.72)	5,739,015.42	(13,259.09)	-	-	-	-	-	(66,620,504.78)
Electric Hydro Production	(12,162,259.89)	(1,183,261.57)	23,675.00	-	-	-	-	-	-	(13,321,846.46)
Electric Hydro Production - ARO	(19,701.79)	(17,888.16)	-	-	-	-	-	-	-	(37,589.95)
Electric Other Production	(276,847,290.56)	(35,768,980.22)	3,080,794.96	-	-	-	-	-	-	(309,535,475.82)
Electric Other Production - ARO	(32,972.98)	(20,404.60)	-	-	-	-	-	-	-	(53,377.58)
Electric Steam Production	(1,433,175,831.16)	(121,310,270.25)	14,353,801.39	-	-	-	-	-	-	(1,540,132,300.04)
Electric Steam Production - ARO	(93,856,858.73)	(20,831,566.58)	203,134.00	-	-	-	-	-	-	(113,985,291.31)
Electric Transmission	(239,527,180.42)	(13,081,795.78)	12,699,756.27	(123,447.27)	-	-	-	-	-	(240,042,577.20)
Electric Transmission - ARO	(53,704.11)	(19,263.57)	-	-	-	-	-	-	-	(72,967.68)
Non Utility Property	-	-	-	-	-	-	-	-	-	-
	(2,606,845,093.75)	(239,469,043.87)	61,543,085.24	(27,637.86)	-	-	-	-	-	(2,794,798,690.24)
<b>COST OF REMOVAL</b>										
Electric Distribution	(223,361,288.31)	(10,618,871.59)	-	44,144.83	-	-	7,327,480.50	-	(469,483.01)	(227,078,017.58)
Electric General Plant	229,453.62	(151,724.42)	-	-	-	-	29,109.11	-	-	106,838.31
Electric Hydro Production	264,266.52	(40,652.58)	-	-	-	-	-	-	-	223,613.94
Electric Other Production	(6,617,473.18)	(2,498,863.91)	-	-	-	-	411,258.45	-	-	(8,708,078.64)
Electric Steam Production	(173,900,143.88)	(6,728,948.26)	-	-	-	-	7,763,019.18	-	(151,771.83)	(173,017,844.79)
Electric Transmission	(126,974,304.68)	(6,229,923.05)	-	(44,144.83)	-	-	5,457,492.21	-	(299,309.07)	(128,090,190.02)
Non Utility Property	-	-	-	-	-	-	-	-	-	-
	(530,359,489.91)	(26,268,983.81)	-	-	-	-	20,988,359.45	-	(920,564.51)	(536,560,676.78)
<b>SALVAGE</b>										
Electric Distribution	51,879,922.40	1,441,808.22	-	-	-	-	-	(437,076.06)	-	52,884,654.56
Electric General Plant	55,856.76	-	-	-	-	-	-	-	-	55,856.76
Electric Hydro Production	68,129.13	5,618.64	-	-	-	-	-	(23,675.00)	-	50,072.77
Electric Other Production	1,457,118.38	310,563.00	-	-	-	-	-	-	-	1,767,681.38
Electric Steam Production	32,521,675.16	2,137,534.80	-	-	-	-	-	(93,042.37)	-	34,566,167.59
Electric Transmission	24,444,848.72	740,838.21	-	-	-	-	-	(52,231.96)	-	25,133,454.97
Non Utility Property	-	-	-	-	-	-	-	-	-	-
	110,427,560.55	4,636,362.87	-	-	-	-	-	(606,025.39)	-	114,457,888.03
<b>TOTAL RESERVES</b>										
Electric Distribution	(662,153,873.81)	(44,926,213.84)	25,441,207.45	153,213.33	-	-	7,327,480.50	(437,076.06)	(469,483.01)	(675,064,745.44)
Electric Distribution - ARO	(124,497.80)	(2,559.95)	1,700.75	-	-	-	-	-	-	(125,357.00)
Electric General Plant	(60,596,978.01)	(11,625,717.14)	5,739,015.42	(13,259.09)	-	-	29,109.11	-	-	(66,457,829.71)
Electric Hydro Production	(11,829,864.24)	(1,218,295.51)	23,675.00	-	-	-	-	(23,675.00)	-	(13,048,159.75)
Electric Hydro Production - ARO	(19,701.79)	(17,888.16)	-	-	-	-	-	-	-	(37,589.95)
Electric Other Production	(282,007,645.36)	(37,957,281.13)	3,080,794.96	-	-	-	411,258.45	-	-	(316,472,873.08)
Electric Other Production - ARO	(32,972.98)	(20,404.60)	-	-	-	-	-	-	-	(53,377.58)
Electric Steam Production	(1,574,554,299.90)	(125,901,883.71)	14,353,801.39	-	-	-	7,763,019.18	(93,042.37)	(151,771.83)	(1,676,583,977.24)
Electric Steam Production - ARO	(93,356,858.73)	(20,831,566.58)	203,134.00	-	-	-	-	-	-	(113,985,291.31)
Electric Transmission	(342,056,636.38)	(18,580,790.62)	12,699,756.27	(167,592.10)	-	-	5,457,492.21	(52,231.96)	(299,309.07)	(342,999,312.25)
Electric Transmission - ARO	(53,704.11)	(19,263.57)	-	-	-	-	-	-	-	(72,967.68)
Non Utility Property	-	-	-	-	-	-	-	-	-	-
	(3,026,777,033.11)	(261,101,664.81)	61,543,085.24	(27,637.86)	-	-	20,988,359.45	(606,025.39)	(920,564.51)	(3,206,901,480.99)
<b>RETIREMENT WORK IN PROGRESS</b>										
Electric	26,176,244.77	-	-	19,720.13	(257,776.82)	(19,203,992.73)	22,475,230.02	(675,637.77)	(1,069,429.21)	27,464,358.39
	26,176,244.77	-	-	19,720.13	(257,776.82)	(19,203,992.73)	22,475,230.02	(675,637.77)	(1,069,429.21)	27,464,358.39
<b>YTD ACTIVITY</b>	<b>(3,000,600,788.34)</b>	<b>(261,101,664.81)</b>	<b>61,543,085.24</b>	<b>(7,917.73)</b>	<b>(257,776.82)</b>	<b>(19,203,992.73)</b>	<b>43,463,589.47</b>	<b>(1,281,663.16)</b>	<b>(1,989,993.72)</b>	<b>(3,179,437,122.60)</b>
<b>AMORTIZATION</b>										
Electric	(50,597,023.84)	(15,572,212.75)	7,464,577.36	-	-	-	-	-	-	(58,704,659.23)
	(50,597,023.84)	(15,572,212.75)	7,464,577.36	-	-	-	-	-	-	(58,704,659.23)
<b>Depreciation &amp; Amortization Total</b>	<b>(3,051,197,812.18)</b>	<b>(276,673,877.56)</b>	<b>69,007,662.60</b>	<b>(7,917.73)</b>	<b>(257,776.82)</b>	<b>(19,203,992.73)</b>	<b>43,463,589.47</b>	<b>(1,281,663.16)</b>	<b>(1,989,993.72)</b>	<b>(3,238,141,781.83)</b>
<b>Utility Plant at Original Cost Less Reserve for Depreciation &amp; Amortization (Excl nonutility)</b>	<b>6,215,350,113.75</b>									<b>6,360,210,051.51</b>

KENTUCKY UTILITIES COMPANY  
RWIP BY G/L ACCOUNT - REGULATORY ACCOUNTING  
DECEMBER 2017

	Beginning Balance	Accruals	Retirements	Transfers/ Adjustments	ARO Settlements	RWIP Transfers Out	Cost of Removal	Salvage	Other Credits	Ending Balance
<b>RETIREMENT WORK IN PROGRESS</b>										
Electric	26,176,244.77	-	-	19,720.13	(257,776.82)	(19,203,992.73)	22,475,230.02	(675,637.77)	(1,069,429.21)	27,464,358.39
	26,176,244.77	-	-	19,720.13	(257,776.82)	(19,203,992.73)	22,475,230.02	(675,637.77)	(1,069,429.21)	27,464,358.39
<b>RWIP ACCOUNT 108099</b>										
Electric	-	-	-	-	-	-	-	-	-	-
<b>RWIP ACCOUNT 108799</b>										
Electric	672,459.67	-	-	-	(257,776.82)	-	307,256.20	-	-	721,938.05
	672,459.67	-	-	-	(257,776.82)	-	307,256.20	-	-	721,938.05
<b>RWIP ACCOUNT 108901</b>										
Electric	25,503,785.10	-	-	19,720.13	-	(19,203,992.73)	22,167,973.62	(675,637.77)	(1,069,429.21)	26,742,419.34
	25,503,785.10	-	-	19,720.13	-	(19,203,992.73)	22,167,973.62	(675,637.77)	(1,069,429.21)	26,742,419.34
<b>TOTAL RWIP</b>										
Electric	26,176,244.77	-	-	19,720.13	(257,776.82)	(19,203,992.73)	22,475,230.02	(675,637.77)	(1,069,429.21)	27,464,358.39
	26,176,244.77	-	-	19,720.13	(257,776.82)	(19,203,992.73)	22,475,230.02	(675,637.77)	(1,069,429.21)	27,464,358.39
VARIANCE										

UNITED STATES OF AMERICA  
 DEPARTMENT OF DEFENSE  
 OFFICE OF THE SECRETARY OF DEFENSE

MILITARY AND SECURITY AGENCIES

Agency	Agency Code	Agency Name	Agency Type	Agency Address	Agency City	Agency State	Agency Zip	Agency Phone	Agency Fax	Agency Email	Agency Website	Agency Description	2017		2018		Total	
													2017	2018	2017	2018		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>TOTAL</b>													...	...	...	...		

Page 299 of 1455

Line Item	Description	Quantity	Unit	Price	Total	Material	Subcontract	Other
101	...	...	...	...	...	...	...	...
102	...	...	...	...	...	...	...	...
103	...	...	...	...	...	...	...	...
104	...	...	...	...	...	...	...	...
105	...	...	...	...	...	...	...	...
106	...	...	...	...	...	...	...	...
107	...	...	...	...	...	...	...	...
108	...	...	...	...	...	...	...	...
109	...	...	...	...	...	...	...	...
110	...	...	...	...	...	...	...	...
111	...	...	...	...	...	...	...	...
112	...	...	...	...	...	...	...	...
113	...	...	...	...	...	...	...	...
114	...	...	...	...	...	...	...	...
115	...	...	...	...	...	...	...	...
116	...	...	...	...	...	...	...	...
117	...	...	...	...	...	...	...	...
118	...	...	...	...	...	...	...	...
119	...	...	...	...	...	...	...	...
120	...	...	...	...	...	...	...	...

Line Item	Description	Quantity	Unit	Price	Total
101	...	...	...	...	...
102	...	...	...	...	...
103	...	...	...	...	...
104	...	...	...	...	...
105	...	...	...	...	...
106	...	...	...	...	...
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114	...	...	...	...	...
115	...	...	...	...	...
116	...	...	...	...	...
117	...	...	...	...	...
118	...	...	...	...	...
119	...	...	...	...	...
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121	...	...	...	...	...
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123	...	...	...	...	...
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128	...	...	...	...	...
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131	...	...	...	...	...
132	...	...	...	...	...
133	...	...	...	...	...
134	...	...	...	...	...
135	...	...	...	...	...
136	...	...	...	...	...
137	...	...	...	...	...
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194	...	...	...	...	...
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199	...	...	...	...	...
200	...	...	...	...	...





Table with multiple columns and rows, likely a financial or operational report. The table is oriented vertically on the page. It includes various data points and headers, though the text is small and difficult to read. The table appears to be a continuation of data from a previous page.

PFRAN	UNIT	PFRAN	PFRAN				PFRAN				PFRAN				PFRAN			
			UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT	UNIT
	1001		1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001

KENTUCKY UTILITIES COMPANY DETAIL OF TRANSFERS - REGULATORY ACCOUNTING - TENNESSEE DECEMBER 2017															Addition Adjustment Transfer N/A	
FERC FORM 1 COLUMN CLASSIFICATION:	Jul-2017 Transfers/ Adjustments	Transfers/ Adjustments	Transfers/ Adjustments	Transfers/ Adjustments	Transfers/ Adjustments	Transfers/ Adjustments	Transfers/ Adjustments	Transfers/ Adjustments	Ending Balance	Total Additions	Total Adjustments	Total Transfers	Total N/A	Summary Total	Check	
101 UTILITY PLANT IN SERVICE	Transfer															
Electric																
Electric Distribution																
E300-10-Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E300-20-Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E301-00-Structures and Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E302-00-Station Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E304-00-Poles, Towers, and Fixtures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-OH Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-Underground Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-00-UG Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E308-00-Line Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E309-00-Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E370-00-Meters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E370-20-Meters CT and PT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E371-00-Install on Customer Premises	3,898.61	-	-	-	-	-	-	-	3,898.61	-	-	3,898.61	-	3,898.61	-	
E373-00-Street Lighting / Signal Sv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E374-00-ARO Cost Elec Dist (L&B)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E374-00-ARO Cost Elec Dist (E&P)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Distribution 101</b>																
Electric General Plant																
E300-20-Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E300-10-Structures and Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E300-20-Improvements to Leased Property	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E301-10-Office Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E301-20-Non-PC Computer Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E301-30-Cash Processing Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E301-11-Printer/ Copiers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E302-00-Car and Light Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-00-Store Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E304-00-Tools, Shop, and Garage Eqp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E305-00-Laboratory Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-Power Operated Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-00-Comm Equip Microwave	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-10-Comm Equip General	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-20-Data Communication Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E308-00-Miscellaneous Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total General Plant 101</b>																
Electric Intangible Plant																
E301-00-Organization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E302-00-Franchises and Concessions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-00-Other Intangible Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-10-CCS Software	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Intangible 101</b>																
Electric Transmission																
E300-10-Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E300-20-Land	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E302-10-Street & Imp-Non Sys Contro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E302-20-Street & Imp-Non Sys Contro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-10-Substation Equipment - Non Sys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-11-AROP Station Equip Non Sys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-20-Station Equipment Control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E304-00-Towers and Fixtures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E305-00-Poles and Fixtures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-OH Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-00-Underground Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E308-00-UG Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E309-10-ARO Cost Transm (L&B)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E309-10-ARO Cost Transm (E&P)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Transmission 101</b>																
<b>Total 101 Accounts</b>																
Electric																
Electric Distribution																
E301-00-Structures and Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E302-00-Station Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E304-00-Poles, Towers, and Fixtures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-OH Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-Underground Conduit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-00-UG Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E308-00-Line Transformers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E309-00-Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E373-00-Street Lighting / Signal Sv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Distribution 100</b>																
Electric General Plant																
E300-10-Structures and Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E304-00-Tools, Shop, and Garage Eqp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-Power Operated Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-00-Comm Equip Microwave	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E307-10-Comm Equip General	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total General Plant 100</b>																
Electric Transmission																
E302-10-Street & Imp-Non Sys Contro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-10-Substation Equipment - Non Sys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E303-20-Poles and Fixtures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E306-00-OH Conductors and Devices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Transmission 100</b>																
<b>Total 100 Accounts</b>																
<b>Not Transfers</b>																

July Transfer between plant accounts

**KENTUCKY UTILITIES COMPANY**  
**Land and Vehicle Retirements- 2017**

		<u>Land Cost Vehicles NBV</u>	<u>Unplanned Depreciation</u>	<u>RWIP</u>	<u>(Gain)/Loss</u>	<u>Actual Cash Received</u>	<u>Booked to GL (Y/N)</u>
Apr-17	KU Vehicle Auction (151989)	13,259.09		(19,720.13)	(6,461.04)	20,450.00	Y
		<u>13,259.09</u>	<u>-</u>	<u>(19,720.13)</u>	<u>(6,461.04)</u>		
Grand Total		<u><u>13,259.09</u></u>	<u><u>-</u></u>	<u><u>(19,720.13)</u></u>	<u><u>(6,461.04)</u></u>		

Amounts in the cost column for land/vehicles represents the undepreciated balance on the vehicles.