COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF KENTUCKY UTILITIES COMPANY FOR AN ADJUSTMENT OF ITS ELECTRIC RATES, A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO DEPLOY ADVANCED METERING INFRASTRUCTURE, APPROVAL OF CERTAIN REGULATORY AND ACCOUNTING TREATMENTS, AND ESTABLISHMENT OF A ONE-YEAR SURCREDIT))) CASE NO. 2020-00349)))
In the Matter of:	
ELECTRONIC APPLICATION OF LOUISVILLE GAS AND ELECTRIC COMPANY FOR AN ADJUSTMENT OF ITS ELECTRIC AND GAS RATES, A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY TO DEPLOY ADVANCED METERING INFRASTRUCTURE, APPROVAL OF CERTAIN REGULATORY AND ACCOUNTING TREATMENTS, AND ESTABLISHMENT OF A ONE-YEAR SURCREDIT))) (CASE NO. 2020-00350))))

DIRECT TESTIMONY OF

JOHN J. SPANOS

ON BEHALF OF

LOUISVILLE GAS AND ELECTRIC COMPANY

AND KENTUCKY UTILITIES COMPANY

Filed: November 25, 2020

TABLE OF CONTENTS

		<u>PAGE</u>
I.	INTRODUCTION AND PURPOSE	- 1 -
II.	DEPRECIATION STUDY	- 3 -
III.	CONCLUSION	- 17 -

I. INTRODUCTION AND PURPOSE

1 Q. PLEASE STATE YOUR NAME AND ADDRESS.

- 2 A. My name is John J. Spanos. My business address is 207 Senate Avenue, Camp Hill,
- 3 Pennsylvania.

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4 O. ARE YOU ASSOCIATED WITH ANY FIRM?

- 5 A. Yes. I am associated with the firm of Gannett Fleming Valuation and Rate Consultants,
- 6 LLC ("Gannett Fleming").

7 O. CAN YOU BRIEFLY DESCRIBE GANNETT FLEMING?

A. Yes. Gannett Fleming, Inc. is an international engineering consulting firm with expertise in numerous disciplines. Founded in 1915, Gannett Fleming Inc. has a long history of consulting services. The firm's headquarters is located in suburban Harrisburg, Pennsylvania. Regional offices are maintained in 22 states, one Canadian province, and an office in Qatar and the United Arab Emirates. With approximately 2,500 highly qualified individuals across a global network of 50 offices, we help shape infrastructure and improve communities in more than 65 countries. Gannett Fleming Valuation and Rate Consultants, LLC and its predecessor, the Valuation and Rate Division of Gannett Fleming, Inc., have provided service to utility companies since the late 1930s and, in the last five years, have prepared over 100 depreciation and valuation studies. Gannett Fleming staff has an unparalleled depth and breadth of experience in the field of depreciation. This expertise has been gained not only by conducting depreciation studies but also by actively participating within the depreciation field as educators and members of organizations that form depreciation standards.

Q. HOW LONG HAVE YOU BEEN ASSOCIATED WITH GANNETT FLEMING?

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2 Q. WHAT IS YOUR POSITION WITH THE FIRM?

3 A. I am President.

4 Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

- 5 A. I have Bachelor of Science degrees in Industrial Management and Mathematics from
- 6 Carnegie-Mellon University and a Master of Business Administration from York College
- 7 of Pennsylvania.

8 O. DO YOU BELONG TO ANY PROFESSIONAL SOCIETIES?

- 9 A. Yes. I am a member and a past President of the Society of Depreciation Professionals. I
- am also a member of the American Gas Association/Edison Electric Institute Industry
- 11 Accounting Committee.

12 Q. DO YOU HOLD ANY SPECIAL CERTIFICATION AS A DEPRECIATION

- 13 **EXPERT?**
- 14 A. Yes. The Society of Depreciation Professionals has established national standards for
- depreciation professionals. The Society administers an examination to become certified
- in this field. I passed the certification exam in September 1997 and was recertified in
- 17 August 2003, February 2008, January 2013 and February 2018.

18 Q. HAVE YOU HAD ANY ADDITIONAL EDUCATION RELATING TO UTILITY

19 **PLANT DEPRECIATION?**

- 20 A. Yes. I have completed the following courses conducted by Depreciation Programs, Inc.:
- 21 "Techniques of Life Analysis," "Techniques of Salvage and Depreciation Analysis,"
- 22 "Forecasting Life and Salvage," "Modeling and Life Analysis Using Simulation," and
- 23 "Managing a Depreciation Study." I have also completed the "Introduction to Public

1	Utility	Accounting"	program	conducted	by the	American	Gas Association.

2 Q. PLEASE OUTLINE YOUR EXPERIENCE IN THE FIELD OF DEPRECIATION.

A. Yes. I have over 34 years of depreciation experience which includes giving expert testimony in over 340 cases before 41 regulatory commissions, including this Commission. These cases have included depreciation studies in the electric, gas, water, wastewater and pipeline industries. In addition to the cases that I have submitted

testimony, I have supervised over 700 other depreciation or valuation projects.

Please refer to Appendix A for my qualifications statement, which includes further information with respect to my work history, case experience, and leadership in the Society of Depreciation Professionals.

11 O. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

12 A. I am sponsoring the depreciation studies that Gannett Fleming performed for Louisville
13 Gas and Electric Company (LG&E) and Kentucky Utilities Company (KU) attached
14 hereto as Exhibit JJS-LG&E-1 and Exhibit JJS-KU-1.

II. DEPRECIATION STUDY

15 Q. PLEASE DEFINE THE CONCEPT OF DEPRECIATION.

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A. Depreciation refers to the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation, against which the company is not protected by insurance. Among the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand and the requirements of public authorities.

1	Q.	DID YOU PREPARE THE DEPRECIATION STUDIES FILED BY LOUISVILLE
2		GAS AND ELECTRIC COMPANY AND KENTUCKY UTILITIES COMPANY
3		IN THIS PROCEEDING?
4	A.	Yes. I prepared the depreciation studies submitted by Louisville Gas and Electric
5		Company and Kentucky Utilities Company ("Companies") with their filings in this
6		proceeding. These studies are attached as Exhibits JJS-LG&E-1 and JJS-KU-1. My
7		reports are entitled: "2020 Depreciation Study - Calculated Annual Depreciation
8		Accruals Related to Electric, Gas and Common Plant as of June 30, 2020" for LG&E and
9		"2020 Depreciation Study - Calculated Annual Depreciation Accruals Related to Electric
10		Plant as of June 30, 2020" for KU. These reports set forth the results of my depreciation
11		studies for each Company.
12	Q.	IN PREPARING THE DEPRECIATION STUDIES, DID YOU FOLLOW
13		GENERALLY ACCEPTED PRACTICES IN THE FIELD OF DEPRECIATION
14		VALUATION?
15	A.	Yes.
16	Q.	ARE THE METHODS AND PROCEDURES OF THESE DEPRECIATION
17		STUDIES CONSISTENT WITH PAST PRACTICES?
18	A.	The methods and procedures of these studies are the same as those utilized in past studies
19		of each Company as well as others before this Commission. The depreciation rates
20		recommended in my studies are determined based on the average service life procedure

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and the remaining life method.

1 Q. ARE THE UNDERLYING LIFE AND NET SALVAGE PARAMETERS AND

RESULTING DEPRECIATION ISSUES IN THIS STUDY CONSISTENT WITH

INDUSTRY TRENDS?

A.

4 A. Yes. The life and net salvage parameters for LG&E and KU have changed consistently with others in the industry as well as the major changes to the production asset mix which includes some shorter remaining lives for steam facilities and longer remaining lives for combustion turbines.

8 O. PLEASE DESCRIBE THE CONTENTS OF YOUR REPORTS.

Each Depreciation Study is presented in nine parts. Part I, Introduction, presents the scope and basis for the depreciation study. Part II, Estimation of Survivor Curves, includes descriptions of the methodology of estimating survivor curves. Parts III and IV set forth the analysis for determining life and net salvage estimates. Part V, Calculation of Annual and Accrued Depreciation, includes the concepts of depreciation using the remaining life. Part VI, Results of Study, presents a description of the results of my analysis and a summary of the depreciation calculations. Parts VII, VIII and IX include graphs and tables that relate to the service life and net salvage analyses, and the detailed depreciation calculations by account.

Table 1 on pages VI-4 through VI-13 of Exhibit JJS-LG&E-1 and on pages VI-4 through VI-9 of Exhibit JJS-KU-1 present the estimated survivor curve, the net salvage percent, the original cost as of June 30, 2020, the book depreciation reserve, and the calculated annual depreciation accrual and rate for each account or subaccount. The section beginning on page VII-2 presents the results of the retirement rate analyses prepared as the historical bases for the service life estimates. The section beginning on

- 1 page VIII-2 presents the results of the net salvage analysis. The section beginning on 2 page IX-2 presents the depreciation calculations related to surviving original cost as of 3 June 30, 2020. PLEASE EXPLAIN HOW YOU PERFORMED YOUR DEPRECIATION 4 Q. 5 STUDY. 6 A. I used the straight line remaining life method of depreciation, with the average service 7 life procedure. The annual depreciation is based on a method of depreciation accounting that seeks to distribute the unrecovered cost of fixed capital assets over the estimated 8 9 remaining useful life of each unit, or group of assets, in a systematic and reasonable 10 manner. 11 THE 0. HOW DID **YOU DETERMINE** RECOMMENDED **ANNUAL DEPRECIATION ACCRUAL RATES?** 12 13 I did this in two phases. In the first phase, I estimated the service life and net salvage A. 14 characteristics for each depreciable group, that is, each plant account or subaccount 15 identified as having similar characteristics. In the second phase, I calculated the 16 composite remaining lives and annual depreciation accrual rates based on the service life and net salvage estimates determined in the first phase. 17 18 Q. WILL YOU **PLEASE** DESCRIBE THE **FIRST PHASE** OF THE 19 DEPRECIATION STUDY, IN WHICH YOU ESTIMATED THE SERVICE LIFE 20 AND NET SALVAGE CHARACTERISTICS FOR EACH DEPRECIABLE
- A. The service life and net salvage studies consisted of compiling historical data from records related to Louisville Gas and Electric Company's and Kentucky Utilities

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GROUP?

1		Company's plant; analyzing these data to obtain historical trends of survivor
2		characteristics; obtaining supplementary information from management and operating
3		personnel concerning practices and plans related to plant operations; and interpreting the
4		data and the estimates used by other electric and gas utilities to form judgments of
5		average service life and net salvage characteristics.
6	Q.	WHAT HISTORICAL DATA DID YOU ANALYZE FOR THE PURPOSE OF
7		ESTIMATING SERVICE LIFE CHARACTERISTICS?
8	A.	Generally, I analyzed the Companies' accounting entries that record plant transactions
9		during the period 1900 through 2019 for LG&E electric plant; 1930 through 2019 for
10		LG&E gas plant; 1910 through 2019 for LG&E common plant and during the period
11		1900 through 2019 for KU. The transactions included additions, retirements, transfers,
12		sales and the related balances.
13	Q.	WHAT METHOD DID YOU USE TO ANALYZE THESE SERVICE LIFE
14		DATA?
15	A.	I used the retirement rate method. This is the most appropriate method when retirement
16		data covering a long period of time is available because this method determines the
17		average rates of retirement actually experienced by the Companies' during the period of
18		time covered by the depreciation study.
19	Q.	PLEASE DESCRIBE HOW YOU USED THE RETIREMENT RATE METHOD
20		TO ANALYZE BOTH COMPANIES' SERVICE LIFE DATA.
21	A.	I applied the retirement rate analysis to each different group of property in each study.
22		For each property group, I used the retirement rate data to form a life table which, when
23		plotted, shows an original survivor curve for that property group. Each original survivor

1		curve represents the average survivor pattern experienced by the several vintage groups
2		during the experience band studied. The survivor patterns do not necessarily describe
3		the life characteristics of the property group; therefore, interpretation of the original
4		survivor curves is required in order to use them as valid considerations in estimating
5		service life. The Iowa type survivor curves were used to perform these interpretations.
6	Q.	WHAT IS AN "IOWA-TYPE SURVIVOR CURVE" AND HOW DID YOU USE
7		SUCH CURVES TO ESTIMATE THE SERVICE LIFE CHARACTERISTICS
8		FOR EACH PROPERTY GROUP?
9	A.	Iowa type curves are a widely-used group of survivor curves that contain the range of
10		survivor characteristics usually experienced by utilities and other industrial companies.
11		A survivor curve is a graphical depiction of the amount of property existing at each age
12		throughout the life of an asset class. The Iowa curves were developed at the Iowa State
13		College Engineering Experiment Station through an extensive process of observing and
14		classifying the ages at which various types of property used by utilities and other
15		industrial companies had been retired.
16		Iowa type curves are used to smooth and extrapolate original survivor curves
17		determined by the retirement rate method. The Iowa curves and truncated Iowa curves
18		were used in this study to describe the forecasted rates of retirement based on the
19		observed rates of retirement and the outlook for future retirements.
20		The estimated survivor curve designations for each depreciable property group
21		indicate the average service life, the family within the Iowa curve system to which the

property group belongs, and the relative height of the mode. For example, the Iowa 54-

R1.5 indicates an average service life of fifty-four years; a right-moded, or R, type curve

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1	(the mode occurs after average life for right-moded curves); and a low height, 1.5, for the
2	mode (possible modes for R type curves range from 1 to 5).

3 Q. WHAT APPROACH DID YOU USE TO ESTIMATE THE LIVES OF

SIGNIFICANT FACILITIES STRUCTURES SUCH AS PRODUCTION

PLANTS?

A.

I used the life span technique to estimate the lives of significant facilities for which concurrent retirement of the entire facility is anticipated. In this technique, the survivor characteristics of such facilities are described by the use of interim survivor curves and estimated probable retirement dates.

The interim survivor curves describe the rate of retirement related to the replacement of elements of the facility, such as, for a building, the retirements of plumbing, heating, doors, windows, roofs, etc., that occurs during the life of the facility. The probable retirement date provides the rate of final retirement for each year of installation for the facility by truncating the interim survivor curve for each installation year at its attained age at the date of probable retirement. The use of interim survivor curves truncated at the date of probable retirement provides a consistent method for estimating the lives of the several years of installation for a particular facility inasmuch as a single concurrent retirement for all years of installation will occur when it is retired.

19 Q. HAS GANNETT FLEMING USED THIS APPROACH IN OTHER 20 PROCEEDINGS?

21 A. Yes, we have used the life span technique in performing depreciation studies presented

to and accepted by many public utility commissions across the United States and Canada,

including Kentucky. The life span technique is currently being utilized by Louisville

Gas and Electric Company and Kentucky Utilities Company in the same manner recommended in this case for developing depreciation rates.

Q. WHAT ARE THE BASES FOR THE PROBABLE RETIREMENT YEARS THAT

YOU HAVE ESTIMATED FOR EACH FACILITY?

A.

A.

The bases for the probable retirement years are life spans for each facility that are based on informed judgment, and incorporate consideration of the age, use, size, nature of construction, management outlook and typical life spans experienced and used by other electric utilities for similar facilities. Most of the life spans result in probable retirement years that are many years in the future. As a result, the retirements of these facilities are not yet subject to specific management plans. Such plans would be premature. At the appropriate time, studies of the economics of rehabilitation and continued use or retirement of the structure will be performed and the results incorporated into the estimation of the facility's life span. Company Witness Bellar has set forth the planning and analysis which contributed to the determination of the probable retirement date of each unit in the generation fleet as well as the change in life spans for some units with the LG&E and KU generation fleet.

Q. HAVE YOU PHYSICALLY OBSERVED LG&E'S AND KU'S PLANT AND EQUIPMENT AS PART OF YOUR DEPRECIATION STUDIES?

Yes. I made a field review of LG&E and KU's property during October 2019 to observe representative portions of plant. I have also conducted field reviews of LG&E and KU's property as part of past studies during April and May 2007, October 2011 and October 2015. Field reviews are commonly taken every 4 to 5 years in order to identify change in asset condition. Field reviews are conducted to become familiar with a company's

1		operations and obtain an understanding of the function of the plant and information with
2		respect to the reasons for past retirements and the expected future causes of retirements.
3		This knowledge as well as information from other discussions with management was
4		incorporated in the interpretation and extrapolation of the statistical analyses.
5	Q.	PLEASE DESCRIBE HOW YOU ESTIMATED NET SALVAGE
6		PERCENTAGES.
7	A.	I estimated the net salvage percentages by incorporating the historical data for the period
8		1972 through 2019 for LG&E and 1985 through 2019 for KU and considered estimates
9		for other electric and gas companies.
10	Q.	HAVE YOU INCLUDED A DISMANTLEMENT COMPONENT INTO THE
11		OVERALL RECOVERY OF GENERATING FACILITIES?
12	A.	Yes. A dismantlement component has been included in the net salvage percentage for
13		all steam, hydro and other production facilities.
14	Q.	CAN YOU EXPLAIN WHY AND HOW THE DISMANTLEMENT
15		COMPONENT IS INCLUDED IN THE DEPRECIATION STUDY?
16	A.	Yes. The dismantlement component is part of the overall net salvage for each location
17		within the production assets. Based on studies for other utilities and the cost estimates
18		of some LG&E and KU facilities, it was determined that the dismantlement of
19		decommissioning costs for steam production facilities are best calculated at \$40/KW or

the assets subject to final retirement. The cost estimate of dismantlement of the Cane

Run facility was a primary resource for the \$40/KW component as Cane Run is most

similar to the remaining facilities to be dismantled. These amounts at a location basis

are added to the interim net salvage percentage of the assets anticipated to be retired on

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1	an interim	basis to	produce th	e weighted	net salvage	percentage	for each location.	The

- detailed calculation for each location is set forth on pages VIII-2 and VIII-3 Exhibit JJS-
- 3 LG&E-1 and pages VIII-2 and VIII-3 of Exhibit JJS-KU-1.

4 Q. IS THIS METHODOLOGY A CHANGE FROM CURRENT PRACTICES?

- 5 A. No. The current practice for LG&E and KU includes a low level of terminal net salvage
- 6 combined with the interim net salvage percentage. Similar to the last study, the
- 7 methodology continues to advance to a more precise practice and is utilized by most
- 8 utilities. The weighting of the interim and final net salvage by location establishes a more
- 9 precise recovery pattern for each location.
- 10 Q. PLEASE DESCRIBE THE SECOND PHASE OF THE PROCESS THAT YOU
- 11 USED IN THE DEPRECIATION STUDY IN WHICH YOU CALCULATED THE
- 12 COMPOSITE REMAINING LIVES AND ANNUAL DEPRECIATION
- 13 ACCRUAL RATES.
- 14 A. After I estimated the service life and net salvage characteristics for each depreciable
- property group, I calculated the annual depreciation accrual rates for each group, using
- the straight line remaining life method, and using the remaining lives weighted consistent
- with the average service life procedure.
- 18 Q. PLEASE DESCRIBE THE STRAIGHT LINE REMAINING LIFE METHOD OF
- 19 **DEPRECIATION.**
- 20 A. The straight line remaining life method of depreciation allocates the original cost of the
- 21 property, less accumulated depreciation, less future net salvage, in equal amounts to each
- year of remaining service life.
- 23 Q. PLEASE DESCRIBE AMORTIZATION ACCOUNTING.

Amortization accounting is used for accounts with a large number of units, but small
asset values. In amortization accounting, units of property are capitalized in the same
manner as they are in depreciation accounting. However, depreciation accounting is
difficult for these assets because periodic inventories are required to properly reflect plant
in service. Consequently, retirements are recorded when a vintage is fully amortized
rather than as the units are removed from service. That is, there is no dispersion of
retirement. All units are retired when the age of the vintage reaches the amortization
period. Each plant account or group of assets is assigned a fixed period which represents
an anticipated life during which the asset will render service. For example, in
amortization accounting, assets that have a 25-year amortization period will be fully
recovered after 25 years of service and taken off the Company books, but not necessarily
removed from service. In contrast, assets that are taken out of service before 25 years
remain on the books until the amortization period for that vintage has expired.

A.

14 Q. FOR WHICH PLANT ACCOUNTS IS AMORTIZATION ACCOUNTING 15 BEING IMPLEMENTED?

- A. Amortization accounting is only appropriate for certain General and Common Plant accounts. These accounts are 391.1, 391.2, 391.31, 393.0, 394.0, 397.1 and 397.2 for KU general plant; 394.0 and 397.2 for LG&E electric plant; 394.0 for LG&E gas plant; and 391.1, 391.2, 391.3, 391.31, 391.4, 393.0, 394.0 and 397.1 for LG&E common plant which represents approximately five percent of depreciable plant.
- Q. PLEASE USE AN EXAMPLE TO ILLUSTRATE HOW THE ANNUAL
 DEPRECIATION ACCRUAL RATE FOR A PARTICULAR GROUP OF
 PROPERTY IS PRESENTED IN YOUR DEPRECIATION STUDIES.

A.	I will use KU Plant Account 353.1, Station Equipment, as an example because it is one
	of the largest depreciable accounts and represents approximately 36% of depreciable
	plant.

The retirement rate method was used to analyze the survivor characteristics of this property group. Aged plant accounting data was compiled from 1903 through 2019 and analyzed in periods that best represent the overall service life of this property. The life tables for the 1903-2019, 1970-2019 and 2000-2019 experience bands are presented on pages VII-84 through VII-92 of the report. The life tables display the retirement and surviving ratios of the aged plant data exposed to retirement by age interval. For example, page VII-84 shows \$235,928 retired at age 0.5 with \$400,467,845 exposed to retirement. Consequently, the retirement ratio is 0.0006 and the surviving ratio is 0.9994. These life tables, or original survivor curves, are plotted along with the estimated smooth survivor curve, as shown on the 60-R1.5 on page VII-83.

The combined net salvage analyses for Accounts 353.1, Station Equipment and 353.2, Station Equipment – System Control/Communication, is presented on pages VIII-35 and VIII-36 of Exhibit JJS-KU-1. The percentage is based on the result of annual gross salvage minus the cost to remove plant assets as compared to the original cost of plant retired during the period 1985 through 2019. This 35-year period experienced \$3,671,800 (\$4,256,099-\$7,927,899) in negative net salvage for \$40,966,152 plant retired. The result is negative net salvage of 9 percent (\$3,671,800/\$40,966,152). Based on the overall negative 9 percent net salvage, the negative net salvage levels for the last 20 years and the most recent five years of negative 21 percent, it was determined that negative 15 percent is the most appropriate estimate.

1		My calculation of the annual depreciation related to the original cost at June 30,
2		2020, of utility plant is presented on pages IX-98 through IX-99. The calculation is based
3		on the 60-R1.5 survivor curve, negative net salvage of 15 percent, the attained age, and
4		the allocated book reserve. The tabulation sets forth the installation year, the original
5		cost, calculated accrued depreciation, allocated book reserve, future accruals, remaining
6		life and annual accrual. These totals are brought forward to the table on page VI-8.
7	Q.	WERE THERE GENERATING UNITS WHICH HAVE A CHANGE IN LIFE
8		EXPECTATION?
9	A.	Yes. The E.W. Brown Unit 3 and Ghent Unit 4 for KU have updated life spans since the
10		last depreciation study. The Mill Creek Units 1, 2, 3, and 4 as well as Trimble County
11		Unit 1 for LG&E have updated life spans since the last depreciation study. The change
12		in probable retirement dates are driven by more than physical characteristics. Company
13		witness Bellar in his exhibit sets forth some of the other key factors such as economics
14		and environmental regulation. Most of the changes in life spans are only a year or two
15		different due to continual review of the most economical mix of the generation fleet.
16		Additionally, many of the combustion turbines have a longer life span recommended as
17		compared to the current estimates.
18	Q.	HAS THERE BEEN A CHANGE IN FREQUENCY OF DEPRECIATION
19		STUDIES AS A RESULT OF CHANGES IN LIFE SPANS FOR GENERATION
20		FACILITIES?
21	A.	Yes. Previously, it was very common to conduct depreciation studies on all assets during
22		a three to five year interval in order to incorporate changes in asset mix and industry

practices. The rapidly changing steam production has seen the need to review life and

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net salvage parameters more frequently. However, the three to five year cycle is still the
most common period for the majority of asset classes. The last depreciation studies for
most assets of LG&E and KU was as of December 31, 2015. There was a review of
depreciation rates for steam assets as of December 31, 2017 which reflects the need to
more frequently review these rates due to continual changes in regulations and economic
conditions.

7 Q. HAS THE MORE RAPID FREQUENCY OF DEPRECIATION STUDIES FOR

STEAM FACILITIES BEEN DRIVEN BY CAPITAL ADDITIONS?

A.

A.

Not necessarily. Most recently, the capital additions for steam and in particular coal generation facilities, have not extended the life span of a facility. These additions are needed in order for the facility to reach its probable retirement date and to meet current regulations. Consequently, the depreciation rates have increased for many steam asset accounts because there is more remaining investment to be recovered over an overall shorter remaining life.

15 Q. CAN YOU SUMMARIZE THE KEY FACTORS ON DEPRECIATION EXPENSE 16 AS A RESULT OF THE DEPRECIATION STUDIES?

Yes. The overall depreciation expense for both KU and LG&E has increased as a result of the depreciation studies. For KU, the primary factor for the increase is the change in life spans for steam facilities, however, there is a decrease in expense due to longer life spans for other production facilities. For LG&E, the primary factor for the increase is similar to KU in that there are shorter life spans for steam facilities. Also, similar to KU, there is a decrease in other production plant due to the longer life spans for combustion

1		turbines. For LG&E, there is an increase for gas plant primarily related to distribution
2		mains and meters.
3	Q.	CAN YOU DISCUSS THE AVERAGE SERVICE LIVES RECOMMENDED FOR
4		AMI METERS FOR BOTH ELECTRIC AND GAS ASSETS?
5	A.	Yes. The new technology meters classified as AMI will have an average life of 15 years.
6		The early stage investment for electric plant in service is reflected in the depreciation
7		studies. The new gas modules have not been placed in service as of June 30, 2020.
8	Q.	HAVE YOU CALCULATED PROJECTED DEPRECIATION EXPENSE AND
9		RATES FOR THE PERIOD JUNE 30, 2021?
10	A.	Yes. Exhibit JJS-KU-2 sets forth the projected depreciation rates and expense as of June
11		30, 2021 for KU assets. Exhibit JJS-LG&E-2 set forth the projected depreciation rates
12		and expense as of June 30, 2021 for all LG&E assets.
13	Q.	WOULD THE DEPRECIATION RATES AND RESULTING EXPENSE BE
14		HIGHER AS OF JUNE 30, 2021 AS COMPARED TO JUNE 30, 2020?
15	A.	Yes. The overall composite rate for KU as of June 30, 2021 would be higher than as of
16		June 30, 2020 primarily as a result of steam production plant. The overall composite rate
17		for LG&E as of June 30, 2021 would be comparable to the overall composite rate as of
18		June 30, 2020 for electric plant, however, the steam production plant would be higher as
19		of June 30, 2021.
20		III. <u>CONCLUSION</u>
21	Q.	IN YOUR OPINION, ARE THE DEPRECIATION RATES SET FORTH IN
22		EXHIBIT JJS-LG&E-1 AND EXHIBIT JJS-KU-1 THE RECOMMENDED

1 RATES FOR THE KENTUCKY PUBLIC SERVICE COMMISSION TO ADOPT

2 IN THIS PROCEEDING FOR LG&E AND KU?

- A. Yes, these rates appropriately reflect the rates at which the value of LG&E's and KU's electric, gas and common assets are being consumed over their useful lives. These rates are an appropriate and reasonable basis for setting electric and gas rates in this matter
- and for the Companies' to use for booking depreciation expense going forward.
- 7 Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?
- 8 A. Yes.



JOHN SPANOS DEPRECIATION EXPERIENCE

- Q. Please state your name.
- A. My name is John J. Spanos.
- Q. What is your educational background?
- A. I have Bachelor of Science degrees in Industrial Management and Mathematics from Carnegie-Mellon University and a Master of Business Administration from York College.
- Q. Do you belong to any professional societies?
- A. Yes. I am a member and past President of the Society of Depreciation Professionals and a member of the American Gas Association/Edison Electric Institute Industry Accounting Committee.
- Q. Do you hold any special certification as a depreciation expert?
- A. Yes. The Society of Depreciation Professionals has established national standards for depreciation professionals. The Society administers an examination to become certified in this field. I passed the certification exam in September 1997 and was recertified in August 2003, February 2008, January 2013 and February 2018.
- Q. Please outline your experience in the field of depreciation.
- A. In June 1986, I was employed by Gannett Fleming Valuation and Rate Consultants, Inc. as a Depreciation Analyst. During the period from June 1986 through December 1995, I helped prepare numerous depreciation and original cost studies for utility companies in various industries. I helped perform depreciation studies for the following telephone companies:

 United Telephone of Pennsylvania, United Telephone of New Jersey, and Anchorage Telephone Utility. I helped perform depreciation studies for the following

companies in the railroad industry: Union Pacific Railroad, Burlington Northern Railroad, and Wisconsin Central Transportation Corporation.

I helped perform depreciation studies for the following organizations in the electric utility industry: Chugach Electric Association, The Cincinnati Gas and Electric Company (CG&E), The Union Light, Heat and Power Company (ULH&P), Northwest Territories Power Corporation, and the City of Calgary - Electric System.

I helped perform depreciation studies for the following pipeline companies: TransCanada Pipelines Limited, Trans Mountain Pipe Line Company Ltd., Interprovincial Pipe Line Inc., Nova Gas Transmission Limited and Lakehead Pipeline Company.

I helped perform depreciation studies for the following gas utility companies: Columbia Gas of Pennsylvania, Columbia Gas of Maryland, The Peoples Natural Gas Company, T. W. Phillips Gas & Oil Company, CG&E, ULH&P, Lawrenceburg Gas Company and Penn Fuel Gas, Inc.

I helped perform depreciation studies for the following water utility companies: Indiana-American Water Company, Consumers Pennsylvania Water Company and The York Water Company; and depreciation and original cost studies for Philadelphia Suburban Water Company and Pennsylvania-American Water Company.

In each of the above studies, I assembled and analyzed historical and simulated data, performed field reviews, developed preliminary estimates of service life and net salvage, calculated annual depreciation, and prepared reports for submission to state public utility commissions or federal regulatory agencies. I performed these studies under the general direction of William M. Stout, P.E.

In January 1996, I was assigned to the position of Supervisor of Depreciation Studies. In July 1999, I was promoted to the position of Manager, Depreciation and

Valuation Studies. In December 2000, I was promoted to the position as Vice-President of Gannett Fleming Valuation and Rate Consultants, Inc., in April 2012, I was promoted to the position as Senior Vice President of the Valuation and Rate Division of Gannett Fleming Inc. (now doing business as Gannett Fleming Valuation and Rate Consultants, LLC) and in January of 2019, I was promoted to my present position of President of Gannett Fleming Valuation and Rate Consultants, LLC. In my current position I am responsible for conducting all depreciation, valuation and original cost studies, including the preparation of final exhibits and responses to data requests for submission to the appropriate regulatory bodies.

Since January 1996, I have conducted depreciation studies similar to those previously listed including assignments for Pennsylvania-American Water Company; Aqua Pennsylvania; Kentucky-American Water Company; Virginia-American Water Company; Indiana-American Water Company; Iowa-American Water Company; New Jersey-American Water Company; Hampton Water Works Company; Omaha Public Power District; Enbridge Pipe Line Company; Inc.; Columbia Gas of Virginia, Inc.; Virginia Natural Gas Company National Fuel Gas Distribution Corporation - New York and Pennsylvania Divisions; The City of Bethlehem - Bureau of Water; The City of Coatesville Authority; The City of Lancaster - Bureau of Water; Peoples Energy Corporation; The York Water Company; Public Service Company of Colorado; Enbridge Pipelines; Enbridge Gas Distribution, Inc.; Reliant Energy-HLP; Massachusetts-American Water Company; St. Louis County Water Company; Missouri-American Water Company; Chugach Electric Association; Alliant Energy; Oklahoma Gas & Electric Company; Nevada Power Company; Dominion Virginia Power; NUI-Virginia Gas Companies; Pacific Gas & Electric Company; PSI Energy; NUI - Elizabethtown Gas Company; Cinergy Corporation - CG&E; Cinergy

Corporation – ULH&P; Columbia Gas of Kentucky; South Carolina Electric & Gas Company; Idaho Power Company; El Paso Electric Company; Aqua North Carolina; Aqua Ohio; Aqua Texas, Inc.; Aqua Illinois, Inc.; Ameren Missouri; Central Hudson Gas & Electric; Centennial Pipeline Company; CenterPoint Energy-Arkansas; CenterPoint Energy - Oklahoma; CenterPoint Energy - Entex; CenterPoint Energy - Louisiana; NSTAR -Boston Edison Company; Westar Energy, Inc.; United Water Pennsylvania; PPL Electric Utilities; PPL Gas Utilities; Wisconsin Power & Light Company; TransAlaska Pipeline; Avista Corporation; Northwest Natural Gas; Allegheny Energy Supply, Inc.; Public Service Company of North Carolina; South Jersey Gas Company; Duquesne Light Company; MidAmerican Energy Company; Laclede Gas; Duke Energy Company; E.ON U.S. Services Inc.; Elkton Gas Services; Anchorage Water and Wastewater Utility; Kansas City Power and Light; Duke Energy North Carolina; Duke Energy South Carolina; Monongahela Power Company; Potomac Edison Company; Duke Energy Ohio Gas; Duke Energy Kentucky; Duke Energy Indiana; Duke Energy Progress; Northern Indiana Public Service Company; Tennessee- American Water Company; Columbia Gas of Maryland; Maryland-American Water Company; Bonneville Power Administration; NSTAR Electric and Gas Company; EPCOR Distribution, Inc.; B. C. Gas Utility, Ltd; Entergy Arkansas; Entergy Texas; Entergy Mississippi; Entergy Louisiana; Entergy Gulf States Louisiana; the Borough of Hanover; Louisville Gas and Electric Company; Kentucky Utilities Company; Madison Gas and Electric; Central Maine Power; PEPCO; PacifiCorp; Minnesota Energy Resource Group; Jersey Central Power & Light Company; Cheyenne Light, Fuel and Power Company; United Water Arkansas; Central Vermont Public Service Corporation; Green Mountain Power; Portland General Electric Company; Atlantic City Electric; Nicor Gas Company; Black Hills Power; Black Hills Colorado Gas; Black Hills Kansas Gas; Black Hills Service Company; Black Hills Utility Holdings; Public Service Company of Oklahoma; City of Dubois; Peoples Gas Light and Coke Company; North Shore Gas Company; Connecticut Light and Power; New York State Electric and Gas Corporation; Rochester Gas and Electric Corporation; Greater Missouri Operations; Tennessee Valley Authority; Omaha Public Power District; Indianapolis Power & Light Company; Vermont Gas Systems, Inc.; Metropolitan Edison; Pennsylvania Electric; West Penn Power; Pennsylvania Power; PHI Service Company - Delmarva Power and Light; Atmos Energy Corporation; Citizens Energy Group; PSE&G Company; Berkshire Gas Company; Alabama Gas Corporation; Mid-Atlantic Interstate Transmission, LLC; SUEZ Water; WEC Energy Group; Rocky Mountain Natural Gas, LLC; Illinois-American Water Company; Northern Illinois Gas Company; Public Service of New Hampshire and Newtown Artesian Water Company.

My additional duties include determining final life and salvage estimates, conducting field reviews, presenting recommended depreciation rates to management for its consideration and supporting such rates before regulatory bodies.

Q. Have you submitted testimony to any state utility commission on the subject of utility plant depreciation?

A. Yes. I have submitted testimony to the Pennsylvania Public Utility Commission; the Commonwealth of Kentucky Public Service Commission; the Public Utilities Commission of Ohio; the Nevada Public Utility Commission; the Public Utilities Board of New Jersey; Missouri **Public** Service Commission; the Massachusetts Department the of Telecommunications and Energy; the Alberta Energy & Utility Board; the Idaho Public Utility Commission; the Louisiana Public Service Commission; the State Corporation Commission of Kansas; the Oklahoma Corporate Commission; the Public Service Commission of South Carolina; Railroad Commission of Texas – Gas Services Division; the New York Public Service Commission; Illinois Commerce Commission; the Indiana

Utility Regulatory Commission; the California Public Utilities Commission; the Federal Energy Regulatory Commission ("FERC"); the Arkansas Public Service Commission; the Public Utility Commission of Texas; Maryland Public Service Commission; Washington Utilities and Transportation Commission; The Tennessee Regulatory Commission; the Regulatory Commission of Alaska; Minnesota Public Utility Commission; Utah Public Service Commission; District of Columbia Public Service Commission; the Mississippi Public Service Commission; Delaware Public Service Commission; Virginia State Corporation Commission; Colorado Public Utility Commission; Oregon Public Utility Commission; South Dakota Public Utilities Commission; Wisconsin Public Service Commission; Wyoming Public Service Commission; the Public Service Commission of West Virginia; Maine Public Utility Commission; Iowa Utility Board; Connecticut Public Utilities Regulatory Authority; New Mexico Public Regulation Commiss ion; Commonwealth of Massachusetts Department of Public Utilities; Rhode Island Public Utilities Commission and the North Carolina Utilities Commission.

Q. Have you had any additional education relating to utility plant depreciation?

A. Yes. I have completed the following courses conducted by Depreciation Programs, Inc.: "Techniques of Life Analysis," "Techniques of Salvage and Depreciation Analysis," "Forecasting Life and Salvage," "Modeling and Life Analysis Using Simulation," and "Managing a Depreciation Study." I have also completed the "Introduction to Public Utility Accounting" program conducted by the American Gas Association.

Q. Does this conclude your qualification statement?

A. Yes.

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
01.	1998	PA PUC	R-00984375	City of Bethlehem – Bureau of Water	Original Cost and Depreciation
02.	1998	PA PUC	R-00984567	City of Lancaster	Original Cost and Depreciation
03.	1999	PA PUC	R-00994605	The York Water Company	Depreciation
04.	2000	D.T.&E.	DTE 00-105	Massachusetts-American Water Company	Depreciation
05.	2001	PA PUC	R-00016114	City of Lancaster	Original Cost and Depreciation
06.	2001	PA PUC	R-00017236	The York Water Company	Depreciation
07.	2001	PA PUC	R-00016339	Pennsylvania-American Water Company	Depreciation
08.	2001	OH PUC	01-1228-GA-AIR	Cinergy Corp – Cincinnati Gas & Elect Company	Depreciation
09.	2001	KY PSC	2001-092	Cinergy Corp – Union Light, Heat & Power Co.	Depreciation
10.	2002	PA PUC	R-00016750	Philadelphia Suburban Water Company	Depreciation
11.	2002	KY PSC	2002-00145	Columbia Gas of Kentucky	Depreciation
12.	2002	NJ BPU	GF02040245	NUI Corporation/Elizabethtown Gas Company	Depreciation
13.	2002	ID PUC	IPC-E-03-7	Idaho Power Company	Depreciation
14.	2003	PA PUC	R-0027975	The York Water Company	Depreciation
15.	2003	IN URC	R-0027975	Cinergy Corp – PSI Energy, Inc.	Depreciation
16.	2003	PA PUC	R-00038304	Pennsylvania-American Water Company	Depreciation
17.	2003	MO PSC	WR-2003-0500	Missouri-American Water Company	Depreciation
18.	2003	FERC	ER03-1274-000	NSTAR-Boston Edison Company	Depreciation
19.	2003	NJ BPU	BPU 03080683	South Jersey Gas Company	Depreciation
20.	2003	NV PUC	03-10001	Nevada Power Company	Depreciation
21.	2003	LA PSC	U-27676	CenterPoint Energy – Arkla	Depreciation
22.	2003	PA PUC	R-00038805	Pennsylvania Suburban Water Company	Depreciation
23.	2004	AB En/Util Bd	1306821	EPCOR Distribution, Inc.	Depreciation
24.	2004	PA PUC	R-00038168	National Fuel Gas Distribution Corp (PA)	Depreciation
25.	2004	PA PUC	R-00049255	PPL Electric Utilities	Depreciation
26.	2004	PA PUC	R-00049165	The York Water Company	Depreciation
27.	2004	OK Corp Cm	PUC 200400187	CenterPoint Energy – Arkla	Depreciation
28.	2004	OH PUC	04-680-El-AIR	Cinergy Corp. – Cincinnati Gas and	Depreciation
				Electric Company	·
29.	2004	RR Com of TX	GUD#	CenterPoint Energy – Entex Gas Services Div.	Depreciation
30.	2004	NY PUC	04-G-1047	National Fuel Gas Distribution Gas (NY)	Depreciation
31.	2004	AR PSC	04-121-U	CenterPoint Energy – Arkla	Depreciation
32.	2005	IL CC	05-ICC-06	North Shore Gas Company	Depreciation

33.2005IL CC05-ICC-06Peoples Gas Light and Coke CompanyDepreciation34.2005KY PSC2005-00042Union Light Heat & PowerDepreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
35.	2005	IL CC	05-0308	MidAmerican Energy Company	Depreciation
36.	2005	MO PSC	GF-2005	Laclede Gas Company	Depreciation
37.	2005	KS CC	05-WSEE-981-RTS	Westar Energy	Depreciation
38.	2005	RR Com of TX	GUD #	CenterPoint Energy – Entex Gas Services Div.	Depreciation
39.	2005	US District Court	Cause No. 1:99-CV-1693- LIM/VSS	Cinergy Corporation	Accounting
40.	2005	OK CC	PUD 200500151	Oklahoma Gas and Electric Company	Depreciation
41.	2005	MA Dept Tele- com & Ergy	DTE 05-85	NSTAR	Depreciation
42.	2005	NY PUC	05-E-934/05-G-0935	Central Hudson Gas & Electric Company	Depreciation
43.	2005	AK Reg Com	U-04-102	Chugach Electric Association	Depreciation
44.	2005	CA PUC	A05-12-002	Pacific Gas & Electric	Depreciation
45.	2006	PA PUC	R-00051030	Aqua Pennsylvania, Inc.	Depreciation
46.	2006	PA PUC	R-00051178	T.W. Phillips Gas and Oil Company	Depreciation
47.	2006	NC Util Cm.	G-5 Sub 522	Pub. Service Company of North Carolina	Depreciation
48.	2006	PA PUC	R-00051167	City of Lancaster	Depreciation
49.	2006	PA PUC	R00061346	Duquesne Light Company	Depreciation
50.	2006	PA PUC	R-00061322	The York Water Company	Depreciation
51.	2006	PA PUC	R-00051298	PPL GAS Utilities	Depreciation
52.	2006	PUC of TX	32093	CenterPoint Energy – Houston Electric	Depreciation
53.	2006	KY PSC	2006-00172	Duke Energy Kentucky	Depreciation
54.	2006	SC PSC		SCANA	Accounting
55.	2006	AK Reg Com	U-06-6	Municipal Light and Power	Depreciation
56.	2006	DE PSC	06-284	Delmarva Power and Light	Depreciation
57.	2006	IN URC	IURC43081	Indiana American Water Company	Depreciation
58.	2006	AK Reg Com	U-06-134	Chugach Electric Association	Depreciation
59.	2006	MO PSC	WR-2007-0216	Missouri American Water Company	Depreciation
60.	2006	FERC	IS05-82-002, et al	TransAlaska Pipeline	Depreciation
61.	2006	PA PUC	R-00061493	National Fuel Gas Distribution Corp. (PA)	Depreciation
62.	2007	NC Util Com.	E-7 SUB 828	Duke Energy Carolinas, LLC	Depreciation
63.	2007	OH PSC	08-709-EL-AIR	Duke Energy Ohio Gas	Depreciation
64.	2007	PA PUC	R-00072155	PPL Electric Utilities Corporation	Depreciation
65.	2007	KY PSC	2007-00143	Kentucky American Water Company	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
66.	2007	PA PUC	R-00072229	Pennsylvania American Water Company	Depreciation
67.	2007	KY PSC	2007-0008	NiSource – Columbia Gas of Kentucky	Depreciation
68.	2007	NY PSC	07-G-0141	National Fuel Gas Distribution Corp (NY)	Depreciation
69.	2008	AK PSC	U-08-004	Anchorage Water & Wastewater Utility	Depreciation
70.	2008	TN Reg Auth	08-00039	Tennessee-American Water Company	Depreciation
71.	2008	DE PSC	08-96	Artesian Water Company	Depreciation
72.	2008	PA PUC	R-2008-2023067	The York Water Company	Depreciation
73.	2008	KS CC	08-WSEE1-RTS	Westar Energy	Depreciation
74.	2008	IN URC	43526	Northern Indiana Public Service Company	Depreciation
75.	2008	IN URC	43501	Duke Energy Indiana	Depreciation
76.	2008	MD PSC	9159	NiSource – Columbia Gas of Maryland	Depreciation
77.	2008	KY PSC	2008-000251	Kentucky Utilities	Depreciation
78.	2008	KY PSC	2008-000252	Louisville Gas & Electric	Depreciation
79.	2008	PA PUC	2008-20322689	Pennsylvania American Water Co Wastewater	Depreciation
80.	2008	NY PSC	08-E887/08-00888	Central Hudson	Depreciation
81.	2008	WV TC	VE-080416/VG-8080417	Avista Corporation	Depreciation
82.	2008	IL CC	ICC-09-166	Peoples Gas, Light and Coke Company	Depreciation
83.	2009	IL CC	ICC-09-167	North Shore Gas Company	Depreciation
84.	2009	DC PSC	1076	Potomac Electric Power Company	Depreciation
85.	2009	KY PSC	2009-00141	NiSource – Columbia Gas of Kentucky	Depreciation
86.	2009	FERC	ER08-1056-002	Entergy Services	Depreciation
87.	2009	PA PUC	R-2009-2097323	Pennsylvania American Water Company	Depreciation
88.	2009	NC Util Cm	E-7, Sub 090	Duke Energy Carolinas, LLC	Depreciation
89.	2009	KY PSC	2009-00202	Duke Energy Kentucky	Depreciation
90.	2009	VA St. CC	PUE-2009-00059	Aqua Virginia, Inc.	Depreciation
91.	2009	PA PUC	2009-2132019	Aqua Pennsylvania, Inc.	Depreciation
92.	2009	MS PSC	Docket No. 2011-UA-183	Entergy Mississippi	Depreciation
93.	2009	AK PSC	09-08-U	Entergy Arkansas	Depreciation
94.	2009	TX PUC	37744	Entergy Texas	Depreciation
95. 96.	2009 2009	TX PUC PA PUC	37690 B 2000 2106008	El Paso Electric Company	Depreciation
96. 97.	2009	KS CC	R-2009-2106908 10-KCPE-415-RTS	The Borough of Hanover Kansas City Power & Light	Depreciation Depreciation
97. 98.	2009	PA PUC	R-2009-	United Water Pennsylvania	Depreciation
50.	2003	TAFUC	N-2003-	onited water remissivania	Depredation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
99.	2009	OH PUC		Aqua Ohio Water Company	Depreciation
100.	2009	WI PSC	3270-DU-103	Madison Gas & Electric Company	Depreciation
101.	2009	MO PSC	WR-2010	Missouri American Water Company	Depreciation
102.	2009	AK Reg Cm	U-09-097	Chugach Electric Association	Depreciation
103.	2010	IN URC	43969	Northern Indiana Public Service Company	Depreciation
104.	2010	WI PSC	6690-DU-104	Wisconsin Public Service Corp.	Depreciation
105.	2010	PA PUC	R-2010-2161694	PPL Electric Utilities Corp.	Depreciation
106.	2010	KY PSC	2010-00036	Kentucky American Water Company	Depreciation
107.	2010	PA PUC	R-2009-2149262	Columbia Gas of Pennsylvania	Depreciation
108.	2010	MO PSC	GR-2010-0171	Laclede Gas Company	Depreciation
109.	2010	SC PSC	2009-489-E	South Carolina Electric & Gas Company	Depreciation
110.	2010	NJ BD OF PU	ER09080664	Atlantic City Electric	Depreciation
111.	2010	VA St. CC	PUE-2010-00001	Virginia American Water Company	Depreciation
112.	2010	PA PUC	R-2010-2157140	The York Water Company	Depreciation
113.	2010	MO PSC	ER-2010-0356	Greater Missouri Operations Company	Depreciation
114.	2010	MO PSC	ER-2010-0355	Kansas City Power and Light	Depreciation
115.	2010	PA PUC	R-2010-2167797	T.W. Phillips Gas and Oil Company	Depreciation
116.	2010	PSCSC	2009-489-E	SCANA – Electric	Depreciation
117.	2010	PA PUC	R-2010-22010702	Peoples Natural Gas, LLC	Depreciation
118.	2010	AK PSC	10-067-U	Oklahoma Gas and Electric Company	Depreciation
119.	2010	IN URC	Cause No. 43894	Northern Indiana Public Serv. Company - NIFL	Depreciation
120.	2010	IN URC	Cause No. 43894	Northern Indiana Public Serv. Co Kokomo	Depreciation
121.	2010	PA PUC	R-2010-2166212	Pennsylvania American Water Co WW	Depreciation
122.	2010	NC Util Cn.	W-218,SUB310	Aqua North Carolina, Inc.	Depreciation
123.	2011	OH PUC	11-4161-WS-AIR	Ohio American Water Company	Depreciation
124.	2011	MS PSC	EC-123-0082-00	Entergy Mississippi	Depreciation
125.	2011	CO PUC	11AL-387E	Black Hills Colorado	Depreciation
126.	2011	PA PUC	R-2010-2215623	Columbia Gas of Pennsylvania	Depreciation
127.	2011	PA PUC	R-2010-2179103	City of Lancaster – Bureau of Water	Depreciation
128.	2011	IN URC	43114 IGCC 4S	Duke Energy Indiana	Depreciation
129.	2011	FERC	IS11-146-000	Enbridge Pipelines (Southern Lights)	Depreciation
130.	2011	IL CC	11-0217	MidAmerican Energy Corporation	Depreciation
131.	2011	OK CC	201100087	Oklahoma Gas & Electric Company	Depreciation
132.	2011	PA PUC	2011-2232243	Pennsylvania American Water Company	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
133.	2011	FERC	RP11000	Carolina Gas Transmission	Depreciation
134.	2012	WA UTC	UE-120436/UG-120437	Avista Corporation	Depreciation
135.	2012	AK Reg Cm	U-12-009	Chugach Electric Association	Depreciation
136.	2012	MA PUC	DPU 12-25	Columbia Gas of Massachusetts	Depreciation
137.	2012	TX PUC	40094	El Paso Electric Company	Depreciation
138.	2012	ID PUC	IPC-E-12	Idaho Power Company	Depreciation
139.	2012	PA PUC	R-2012-2290597	PPL Electric Utilities	Depreciation
140.	2012	PA PUC	R-2012-2311725	Borough of Hanover – Bureau of Water	Depreciation
141.	2012	KY PSC	2012-00222	Louisville Gas and Electric Company	Depreciation
142.	2012	KY PSC	2012-00221	Kentucky Utilities Company	Depreciation
143.	2012	PA PUC	R-2012-2285985	Peoples Natural Gas Company	Depreciation
144.	2012	DC PSC	Case 1087	Potomac Electric Power Company	Depreciation
145.	2012	OH PSC	12-1682-EL-AIR	Duke Energy Ohio (Electric)	Depreciation
146.	2012	OH PSC	12-1685-GA-AIR	Duke Energy Ohio (Gas)	Depreciation
147.	2012	PA PUC	R-2012-2310366	City of Lancaster – Sewer Fund	Depreciation
148.	2012	PA PUC	R-2012-2321748	Columbia Gas of Pennsylvania	Depreciation
149.	2012	FERC	ER-12-2681-000	ITC Holdings	Depreciation
150.	2012	MO PSC	ER-2012-0174	Kansas City Power and Light	Depreciation
151.	2012	MO PSC	ER-2012-0175	KCPL Greater Missouri Operations Company	Depreciation
152.	2012	MO PSC	GO-2012-0363	Laclede Gas Company	Depreciation
153.	2012	MN PUC	G007,001/D-12-533	Integrys – MN Energy Resource Group	Depreciation
154.	2012	TX PUC	SOAH 582-14-1051/	Aqua Texas	Depreciation
			TECQ 2013-2007-UCR		
155.	2012	PA PUC	2012-2336379	York Water Company	Depreciation
156.	2013	NJ BPU	ER12121071	PHI Service Company—Atlantic City Electric	Depreciation
157.	2013	KY PSC	2013-00167	Columbia Gas of Kentucky	Depreciation
158.	2013	VA St CC	2013-00020	Virginia Electric and Power Company	Depreciation
159.	2013	IA Util Bd	2013-0004	MidAmerican Energy Corporation	Depreciation
160.	2013	PA PUC	2013-2355276	Pennsylvania American Water Company	Depreciation
161.	2013	NY PSC	13-E-0030, 13-G-0031,	Consolidated Edison of New York	Depreciation
163	2012	DA DUC	13-S-0032	Do and as TIMPLIC	Dommo sistis -
162.	2013	PA PUC	2013-2355886	Peoples TWP LLC	Depreciation
163.	2013 2013	TN Reg Auth ME PUC	12-0504	Tennessee American Water	Depreciation
164.			2013-168	Central Maine Power Company	Depreciation
165.	2013	DC PSC	Case 1103	PHI Service Company – PEPCO	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
166.	2013	WY PSC	2003-ER-13	Cheyenne Light, Fuel and Power Company	Depreciation
167.	2013	FERC	ER13-2428-0000	Kentucky Utilities	Depreciation
168.	2013	FERC	ER130000	MidAmerican Energy Company	Depreciation
169.	2013	FERC	ER13-2410-0000	PPL Utilities	Depreciation
170.	2013	PA PUC	R-2013-2372129	Duquesne Light Company	Depreciation
171.	2013	NJ BPU	ER12111052	Jersey Central Power and Light Company	Depreciation
172.	2013	PA PUC	R-2013-2390244	Bethlehem, City of – Bureau of Water	Depreciation
173.	2013	OK CC	UM 1679	Oklahoma, Public Service Company of	Depreciation
174.	2013	IL CC	13-0500	Nicor Gas Company	Depreciation
175.	2013	WY PSC	20000-427-EA-13	PacifiCorp	Depreciation
176.	2013	UT PSC	13-035-02	PacifiCorp	Depreciation
177.	2013	OR PUC	UM 1647	PacifiCorp	Depreciation
178.	2013	PA PUC	2013-2350509	Dubois, City of	Depreciation
179.	2014	IL CC	14-0224	North Shore Gas Company	Depreciation
180.	2014	FERC	ER140000	Duquesne Light Company	Depreciation
181.	2014	SD PUC	EL14-026	Black Hills Power Company	Depreciation
182.	2014	WY PSC	20002-91-ER-14	Black Hills Power Company	Depreciation
183.	2014	PA PUC	2014-2428304	Borough of Hanover – Municipal Water Works	Depreciation
184.	2014	PA PUC	2014-2406274	Columbia Gas of Pennsylvania	Depreciation
185.	2014	IL CC	14-0225	Peoples Gas Light and Coke Company	Depreciation
186.	2014	MO PSC	ER-2014-0258	Ameren Missouri	Depreciation
187.	2014	KS CC	14-BHCG-502-RTS	Black Hills Service Company	Depreciation
188.	2014	KS CC	14-BHCG-502-RTS	Black Hills Utility Holdings	Depreciation
189.	2014	KS CC	14-BHCG-502-RTS	Black Hills Kansas Gas	Depreciation
190.	2014	PA PUC	2014-2418872	Lancaster, City of – Bureau of Water	Depreciation
191.	2014	WV PSC	14-0701-E-D	First Energy – MonPower/PotomacEdison	Depreciation
192	2014	VA St CC	PUC-2014-00045	Aqua Virginia	Depreciation
193.	2014	VA St CC	PUE-2013	Virginia American Water Company	Depreciation
194.	2014	OK CC	PUD201400229	Oklahoma Gas and Electric Company	Depreciation
195.	2014	OR PUC	UM1679	Portland General Electric	Depreciation
196.	2014	IN URC	Cause No. 44576	Indianapolis Power & Light	Depreciation
197.	2014	MA DPU	DPU. 14-150	NSTAR Gas	Depreciation
198.	2014	CT PURA	14-05-06	Connecticut Light and Power	Depreciation
199.	2014	MO PSC	ER-2014-0370	Kansas City Power & Light	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
200.	2014	KY PSC	2014-00371	Kentucky Utilities Company	Depreciation
201.	2014	KY PSC	2014-00372	Louisville Gas and Electric Company	Depreciation
202.	2015	PA PUC	R-2015-2462723	United Water Pennsylvania Inc.	Depreciation
203.	2015	PA PUC	R-2015-2468056	NiSource - Columbia Gas of Pennsylvania	Depreciation
204.	2015	NY PSC	15-E-0283/15-G-0284	New York State Electric and Gas Corporation	Depreciation
205.	2015	NY PSC	15-E-0285/15-G-0286	Rochester Gas and Electric Corporation	Depreciation
206.	2015	MO PSC	WR-2015-0301/SR-2015-0302	Missouri American Water Company	Depreciation
207.	2015	OK CC	PUD 201500208	Oklahoma, Public Service Company of	Depreciation
208.	2015	WV PSC	15-0676-W-42T	West Virginia American Water Company	Depreciation
209.	2015	PA PUC	2015-2469275	PPL Electric Utilities	Depreciation
210.	2015	IN URC	Cause No. 44688	Northern Indiana Public Service Company	Depreciation
211.	2015	OH PSC	14-1929-EL-RDR	First Energy-Ohio Edison/Cleveland Electric/	Depreciation
				Toledo Edison	
212.	2015	NM PRC	15-00127-UT	El Paso Electric	Depreciation
213.	2015	TX PUC	PUC-44941; SOAH 473-15-5257	El Paso Electric	Depreciation
214.	2015	WI PSC	3270-DU-104	Madison Gas and Electric Company	Depreciation
215.	2015	OK CC	PUD 201500273	Oklahoma Gas and Electric	Depreciation
216.	2015	KY PSC	Doc. No. 2015-00418	Kentucky American Water Company	Depreciation
217.	2015	NC UC	Doc. No. G-5, Sub 565	Public Service Company of North Carolina	Depreciation
218.	2016	WA UTC	Docket UE-17	Puget Sound Energy	Depreciation
219.	2016	NY PSC	Case No. 16-W-0130	SUEZ Water New York, Inc.	Depreciation
220.	2016	MO PSC	ER-2016-0156	KCPL – Greater Missouri	Depreciation
221.	2016	WI PSC		Wisconsin Public Service Corporation	Depreciation
222.	2016	KY PSC	Case No. 2016-00026	Kentucky Utilities Company	Depreciation
223.	2016	KY PSC	Case No. 2016-00027	Louisville Gas and Electric Company	Depreciation
224.	2016	OH PUC	Case No. 16-0907-WW-AIR	Aqua Ohio	Depreciation
225.	2016	MD PSC	Case 9417	NiSource - Columbia Gas of Maryland	Depreciation
226.	2016	KY PSC	2016-00162	Columbia Gas of Kentucky	Depreciation
227.	2016	DE PSC	16-0649	Delmarva Power and Light Company – Electric	Depreciation
228.	2016	DE PSC	16-0650	Delmarva Power and Light Company – Gas	Depreciation
229.	2016	NY PSC	Case 16-G-0257	National Fuel Gas Distribution Corp – NY Div	Depreciation
230.	2016	PA PUC	R-2016-2537349	Metropolitan Edison Company	Depreciation
231.	2016	PA PUC	R-2016-2537352	Pennsylvania Electric Company	Depreciation
232.	2016	PA PUC	R-2016-2537355	Pennsylvania Power Company	Depreciation

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	Client Utility	<u>Subject</u>
233.	2016	PA PUC	R-2016-2537359	West Penn Power Company	Depreciation
234.	2016	PA PUC	R-2016-2529660	NiSource - Columbia Gas of PA	Depreciation
235.	2016	KY PSC	Case No. 2016-00063	Kentucky Utilities / Louisville Gas & Electric Co	Depreciation
236.	2016	MO PSC	ER-2016-0285	KCPL Missouri	Depreciation
237.	2016	AR PSC	16-052-U	Oklahoma Gas & Electric Co	Depreciation
238.	2016	PSCW	6680-DU-104	Wisconsin Power and Light	Depreciation
239.	2016	ID PUC	IPC-E-16-23	Idaho Power Company	Depreciation
240.	2016	OR PUC	UM1801	Idaho Power Company	Depreciation
241.	2016	ILL CC	16-	MidAmerican Energy Company	Depreciation
242.	2016	KY PSC	Case No. 2016-00370	Kentucky Utilities Company	Depreciation
243.	2016	KY PSC	Case No. 2016-00371	Louisville Gas and Electric Company	Depreciation
244.	2016	IN URC	Cause No. 45029	Indianapolis Power & Light	Depreciation
245.	2016	AL RC	U-16-081	Chugach Electric Association	Depreciation
246.	2017	MA DPU	D.P.U. 17-05	NSTAR Electric Company and Western	Depreciation
				Massachusetts Electric Company	
247.	2017	TX PUC	PUC-26831, SOAH 973-17-2686	El Paso Electric Company	Depreciation
248.	2017	WA UTC	UE-17033 and UG-170034	Puget Sound Energy	Depreciation
249.	2017	OH PUC	Case No. 17-0032-EL-AIR	Duke Energy Ohio	Depreciation
250.	2017	VA SCC	Case No. PUE-2016-00413	Virginia Natural Gas, Inc.	Depreciation
251.	2017	OK CC	Case No. PUD201700151	Public Service Company of Oklahoma	Depreciation
252.	2017	MD PSC	Case No. 9447	Columbia Gas of Maryland	Depreciation
253.	2017	NC UC	Docket No. E-2, Sub 1142	Duke Energy Progress	Depreciation
254.	2017	VA SCC	Case No. PUR-2017-00090	Dominion Virginia Electric and Power Company	Depreciation
255.	2017	FERC	ER17-1162	MidAmerican Energy Company	Depreciation
256.	2017	PA PUC	R-2017-2595853	Pennsylvania American Water Company	Depreciation
257.	2017	OR PUC	UM1809	Portland General Electric	Depreciation
258.	2017	FERC	ER17-217-000	Jersey Central Power & Light	Depreciation
259.	2017	FERC	ER17-211-000	${\sf Mid-AtlanticInterstateTransmission, LLC}$	Depreciation
260.	2017	MN PUC	Docket No. G007/D-17-442	Minnesota Energy Resources Corporation	Depreciation
261.	2017	IL CC	Docket No. 17-0124	Northern Illinois Gas Company	Depreciation
262.	2017	OR PUC	UM1808	Northwest Natural Gas Company	Depreciation
263.	2017	NY PSC	Case No. 17-W-0528	SUEZ Water Owego-Nichols	Depreciation
264.	2017	MO PSC	GR-2017-0215	Laclede Gas Company	Depreciation
265.	2017	MO PSC	GR-2017-0216	Missouri Gas Energy	Depreciation

LIST OF CASES IN WHICH JOHN J. SPANOS SUBMITTED TESTIMONY, cont.

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
266.	2017	ILL CC	Docket No. 17-0337	Illinois-American Water Company	Depreciation
267.	2017	FERC	Docket No. ER18-22-000	PPL Electric Utilities Corporation	Depreciation
268.	2017	IN URC	Cause No. 44988	Northern Indiana Public Service Company	Depreciation
269.	2017	NJ BPU	BPU Docket No. WR17090985	New Jersey American Water Company, Inc.	Depreciation
270.	2017	RI PUC	Docket No. 4800	SUEZ Water Rhode Island	Depreciation
271.	2017	OK CC	Cause No. PUD 201700496	Oklahoma Gas and Electric Company	Depreciation
272.	2017	NJ BPU	ER18010029 & GR18010030	Public Service Electric and Gas Company	Depreciation
273.	2017	NC Util Com.	Docket No. E-7, SUB 1146	Duke Energy Carolinas, LLC	Depreciation
274.	2017	KY PSC	Case No. 2017-00321	Duke Energy Kentucky, Inc.	Depreciation
275.	2017	MA DPU	D.P.U. 18-40	Berkshire Gas Company	Depreciation
276.	2018	IN IURC	Cause No. 44992	Indiana-American Water Company, Inc.	Depreciation
277.	2018	IN IURC	Cause No. 45029	Indianapolis Power and Light	Depreciation
278.	2018	NC Util Com.	Docket No. W-218, Sub 497	Aqua North Carolina, Inc.	Depreciation
279.	2018	PA PUC	Docket No. R-2018-2647577	NiSource - Columbia Gas of Pennsylvania, Inc.	Depreciation
280.	2018	OR PUC	Docket UM 1933	Avista Corporation	Depreciation
281.	2018	WA UTC	Docket No. UE-108167	Avista Corporation	Depreciation
282.	2018	ID PUC	AVU-E-18-03, AVU-G-18-02	Avista Corporation	Depreciation
283.	2018	IN URC	Cause No. 45039	Citizens Energy Group	Depreciation
284.	2018	FERC	Docket No. ER18-	Duke Energy Progress	Depreciation
285.	2018	PA PUC	Docket No. R-2018-3000124	Duquesne Light Company	Depreciation
286.	2018	MD PSC	Case No. 948	NiSource - Columbia Gas of Maryland	Depreciation
287.	2018	MA DPU	D.P.U. 18-45	NiSource - Columbia Gas of Massachusetts	Depreciation
288.	2018	OH PUC	Case No. 18-0299-GA-ALT	Vectren Energy Delivery of Ohio	Depreciation
289.	2018	PA PUC	Docket No. R-2018-3000834	SUEZ Water Pennsylvania Inc.	Depreciation
290.	2018	MD PSC	Case No. 9847	Maryland-American Water Company	Depreciation
291.	2018	PA PUC	Docket No. R-2018-3000019	The York Water Company	Depreciation
292.	2018	FERC	ER-18-2231-000	Duke Energy Carolinas, LLC	Depreciation
293.	2018	KY PSC	Case No. 2018-00261	Duke Energy Kentucky, Inc.	Depreciation
294.	2018	NJ BPU	BPU Docket No. WR18050593	SUEZ Water New Jersey	Depreciation
295.	2018	WA UTC	Docket No. UE-180778	PacifiCorp	Depreciation
296.	2018	UT PSC	Docket No. 18-035-36	PacifiCorp	Depreciation
297.	2018	OR PUC	Docket No. UM-1968	PacifiCorp	Depreciation
298.	2018	ID PUC	Case No. PAC-E-18-08	PacifiCorp	Depreciation
299.	2018	WY PSC	20000-539-EA-18	PacifiCorp	Depreciation
300.	2018	PA PUC	Docket No. R-2018-3003068	Aqua Pennsylvania, Inc.	Depreciation

LIST OF CASES IN WHICH JOHN J. SPANOS SUBMITTED TESTIMONY, cont.

	<u>Year</u>	<u>Jurisdiction</u>	Docket No.	<u>Client Utility</u>	<u>Subject</u>
301.	2018	IL CC	Docket No. 18-1467	Aqua Illinois, Inc.	Depreciation
302.	2018	KY PSC	Case No. 2018-00294	Louisville Gas & Electric Company	Depreciation
303.	2018	KY PSC	Case No. 2018-00295	Kentucky Utilities Company	Depreciation
304.	2018	IN URC	Cause No. 45159	Northern Indiana Public Service Company	Depreciation
305.	2018	VA SCC	Case No. PUR-2019-00175	Virginia American Water Company	Depreciation
306.	2019	PA PUC	Docket No. R-2018-3006818	Peoples Natural Gas Company, LLC	Depreciation
307.	2019	OK CC	Cause No. PUD201800140	Oklahoma Gas and Electric Company	Depreciation
308.	2019	MD PSC	Case No. 9490	FirstEnergy – Potomac Edison	Depreciation
309.	2019	SC PSC	Docket No. 2018-318-E	Duke Energy Progress	Depreciation
310.	2019	SC PSC	Docket No. 2018-319-E	Duke Energy Carolinas	Depreciation
311.	2019	DE PSC	DE 19-057	Public Service of New Hampshire	Depreciation
312.	2019	NY PSC	Case No. 19-W-0168 & 19-W-0269	SUEZ Water New York	Depreciation
313.	2019	PA PUC	Docket No. R-2019-3006904	Newtown Artesian Water Company	Depreciation
314.	2019	MO PSC	ER-2019-0335	Ameren Missouri	Depreciation
315.	2019	MO PSC	EC-2019-0200	KCP&L Greater Missouri Operations Company	Depreciation
316.	2019	MN DOC	G011/D-19-377	Minnesota Energy Resource Corp.	Depreciation
317.	2019	NY PSC	Case 19-E-0378 & 19-G-0379	New York State Electric and Gas Corporation	Depreciation
318.	2019	NY PSC	Case 19-E-0380 & 19-G-0381	Rochester Gas and Electric Corporation	Depreciation
319.	2019	WA UTC	Docket UE-190529 / UG-190530	Puget Sound Energy	Depreciation
320.	2019	PA PUC	Docket No. R-2019-3010955	City of Lancaster	Depreciation
321.	2019	IURC	Cause No. 45253	Duke Energy Indiana	Depreciation
322.	2019	KY PSC	Case No. 2019-00271	Duke Energy Kentucky, Inc.	Depreciation
323.	2019	OH PUC	Case No. 18-1720-GA-AIR	Northeast Ohio Natural Gas Corp	Depreciation
324.	2019	NC Util. Com.	Docket No. E-2, Sub 1219	Duke Energy Carolinas	Depreciation
325.	2019	FERC	Docket No. ER20-277-000	Jersey Central Power & Light Company	Depreciation
326.	2019	MA DPU	D.P.U. 19-120	NSTAR Gas Company	Depreciation
327.	2019	SC PSC	Docket No. 2019-290-WS	Blue Granite Water Company	Depreciation
328.	2019	NC Util. Com.	Docket No. E-2, Sub 1219	Duke Energy Progress	Depreciation
329.	2019	MD PSC	Case No. 9609	NiSource Columbia Gas of Maryland, Inc.	Depreciation
330.	2020	NJ BPU	Docket No. ER20020146	Jersey Central Power & Light Company	Depreciation
331.	2020	PA PUC	Docket No. R-2020-3018835	NiSource - Columbia Gas of Pennsylvania, Inc.	Depreciation
332.	2020	PA PUC	Docket No. R-2020-3019369	Pennsylvania-American Water Company	Depreciation
333.	2020	PA PUC	Docket No. R-2020-3019371	Pennsylvania-American Water Company	Depreciation
334.	2020	MO PSC	GO-2018-0309, GO-2018-0310	Spire Missouri, Inc.	Depreciation
335.	2020	NM PRC	Case No. 20-00104-UT	El Paso Electric Company	Depreciation
336.	2020	MD PSC	Case No. 9644	Columbia Gas of Maryland, Inc.	Depreciation
337.	2020	MO PSC	GO-2018-0309, GO-2018-0310	Spire Missouri, Inc.	Depreciation
338.	2020	VA St CC	Case No. PUR-2020-00095	Virginia Natural Gas Company	Depreciation

LIST OF CASES IN WHICH JOHN J. SPANOS SUBMITTED TESTIMONY, cont.

	<u>Year</u>	<u>Jurisdiction</u>	<u>Docket No.</u>	<u>Client Utility</u>	<u>Subject</u>
339.	2020	SC PSC	Docket No. 2020-125-E	Dominion Energy South Carolina, Inc.	Depreciation
340.	2020	WV PSC	Case No. 20-0745-G-D	Hope Gas, Inc. d/b/a Dominion Energy West Virginia	Depreciation
341.	2020	VA St CC	Case No. PUR-2020-00106	Aqua Virginia, Inc.	Depreciation
342.	2020	PA PUC	Docket No. R-2020-3020256	City of Bethlehem – Bureau of Water	Depreciation
343.	2020	NE PSC	Docket No. NG-109	Black Hills Nebraska	Depreciation
344.	2020	NY PSC	Case No. 20-E-0428 & 20-G-0429	Central Hudson Gas & Electric Corporation	Depreciation
345.	2020	FERC	ER20-598	Duke Energy Indiana	Depreciation
346.	2020	FERC	ER20-855	Northern Indiana Public Service Company	Depreciation
347.	2020	OR PSC	UE 374	Pacificorp	Depreciation
348.	2020	MD PSC	Case No. 9490 Phase II	Potomac Edison – Maryland	Depreciation

VERIFICATION

COMMONWEALTH OF PENNSYLVANIA)
COUNTY OF CUMBERLAND)
The undersigned, John J. Spanos, being duly sworn, deposes and says that he is President,
for Gannett Fleming Valuation and Rate Consultants, LLC, that he has personal knowledge of the
matters set forth in the foregoing testimony and exhibits, and the answers contained therein are
true and correct to the best of his information, knowledge and belief.
John J. Spanos Subscribed and sworn to before me, a Notary Public in and before said County and Commonwealth, this 10th day of
Notary Public (SEAL)
Notary Public ID No. 1143028
My Commission Expires: Cheryl Ann Rutter, Notary Public Cumberland County My commission expires February 20, 2023 Commission number 1143028

Member, Pennsylvania Association of Notaries

LOUISVILLE GAS AND ELECTRIC COMPANY

LOUISVILLE, KENTUCKY

2020 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC, GAS AND COMMON PLANT AS OF JUNE 30, 2020

Prepared by:



Excellence Delivered As Promised

LOUISVILLE GAS AND ELECTRIC COMPANY

Louisville, Kentucky

2020 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC, GAS AND COMMON PLANT AS OF JUNE 30, 2020



Excellence Delivered As Promised

November 9, 2020

Louisville Gas and Electric Company 220 West Main Street Louisville, KY 40202-1345

Attention Chris Garrett

Director of Rates

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric, gas and common plant of Louisville Gas and Electric Company as of June 30, 2020. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual depreciation accrual rates, the statistical support for the life and net salvage estimates and the detailed tabulations of annual depreciation.

Respectfully submitted,

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

John J. Sparos

JOHN J. SPANOS

President

JJS:mle

066913.100

Gannett Fleming Valuation and Rate Consultants, LLC

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TABLE OF CONTENTS

Executive Summary	ii
PART I. INTRODUCTION	I-1
Scope	I-2
Plan of Report	1-2
Basis of the Study	I-3 I-3
Depreciation	I-3 I-4
PART II. ESTIMATION OF SURVIVOR CURVES	II-1
Survivor Curves	11-2
lowa Type Curves	II-3
Retirement Rate Method of Analysis	11-9
Schedules of Annual Transactions in Plant Records	II-10
Schedule of Plant Exposed to Retirement	II-13
Original Life Table	II-15
Smoothing the Original Survivor Curve	II-17
PART III. SERVICE LIFE CONSIDERATIONS	III-1
Field Trips	III-2
Service Life Analysis	III-3
Life Span Estimates	111-5
PART IV. NET SALVAGE CONSIDERATIONS	IV-1
Net Salvage Analysis	IV-2
Net Salvage Considerations	IV-2
PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION	V-1
Group Depreciation Procedures	V-2
Single Unit of Property	V-2
Remaining Life Annual Accruals	V-3
Average Service Life Procedure	V-3
Calculation of Annual and Accrued Amortization	V-4
PART VI. RESULTS OF STUDY	VI-1
Qualification of Results	VI-2
Description of Statistical Support	VI-2
Description of Detailed Tabulations	VI-3

i



TABLE OF CONTENTS, cont.

Table 1.	Summary of Estimated Survivor Curves, Net Salvage Percent, Original Cost, Book Depreciation Reserve and Calculated Annual Depreciation Accruals Related to Electric Plant as of June 30, 2020	VI-4
Table 2.	Summary of Estimated Survivor Curves, Net Salvage Percent, Original Cost, Book Depreciation Reserve and Calculated Annual Depreciation Accruals Related to Gas Plant as of June 30, 2020	VI-5
Table 3.	Summary of Estimated Survivor Curves, Net Salvage Percent, Original Cost, Book Depreciation Reserve and Calculated Annual Depreciation Accruals Related to Common Plant as of June 30, 2020	VI-6
EI G	II. SERVICE LIFE STATISTICS lectric Plantas Plant	VII-1 VII-2 VII-2 VII-3
El G	III. NET SALVAGE STATISTICS lectric Plantas Plantommon Plant	VIII-1 VIII-2 VIII-3
El G	as Plant	IX-1 IX-2 IX-2



LOUISVILLE GAS AND ELECTRIC COMPANY

DEPRECIATION STUDY

EXECUTIVE SUMMARY

Pursuant to Louisville Gas and Electric Company's ("LGE" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the electric, gas and common plant as of June 30, 2020. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL") procedure and were applied on a remaining life basis. The calculations were based on attained ages and estimated average service life, and forecasted net salvage characteristics for each depreciable group of assets.

LGE's accounting policy has not changed since the last depreciation study was prepared. However, there have been significant changes in past and future retirement plans of assets, particularly at steam facilities. These changes have caused the proposed remaining lives for many accounts to fluctuate from those proposed in the previous depreciation study as of December 31, 2015. Some average service lives are longer than those currently utilized.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric, gas and common plant in service as of June 30, 2020 as summarized by Tables 1, 2 and 3 of the study. Supporting analysis and calculations are provided within the study.



The study results set forth an annual depreciation expense of \$327 million when applied to depreciable plant balances as of June 30, 2020. The results are summarized at the functional level as follows:

SUMMARY OF ORIGINAL COST, ACCRUAL RATES AND AMOUNTS

	ORIGINAL COST AS		
FUNCTION	OF	PROPOSED	PROPOSED
<u> </u>	JUNE 30, 2020	RATE	EXPENSE
Electric Plant			
Steam Production Plant	3,375,442,832.83	5.61	189,517,797
Hydroelectric Production Plant	146,395,740.96	3.69	5,396,847
Other Production Plant	404,857,765.68	3.13	12,673,862
Transmission Plant	500,782,129.39	2.26	11,316,850
Distribution Plant	1,610,463,824.24	2.99	48,150,983
General Plant	<u>25,148,780.37</u>	<u>7.92</u>	<u>1,992,918</u>
Total Electric Plant	\$6,063,091,073.47	4.44	\$269,049,257
Gas Plant			
Intangible Plant	387.49	11.87	46
Production Plant	182,008,764.33	2.44	4,440,941
Transmission Plant	60,425,441.73	2.20	1,329,712
Distribution Plant	1,031,593,405.17	2.85	29,434,402
General Plant	15,014,932.97	4.69	704,669
Total Gas Plant	\$1,289,042,931.69	2.79	\$35,909,770
Common Plant			
Intangible Plant	81,123,398.90	16.85	13,671,140
General Plant	176,022,085.59	<u>7.40</u>	13,021,120
Total Common Plant	<u>\$257,145,484.49</u>	<u>10.38</u>	\$26,692,260
Total	<u>\$7,609,279,489.65</u>	<u>4.36</u>	<u>\$331,561,267</u>



PART I. INTRODUCTION



LOUISVILLE GAS AND ELECTRIC COMPANY DEPRECIATION STUDY

PART I. INTRODUCTION

SCOPE

This report sets forth the results of the depreciation study for Louisville Gas and Electric Company ("Company"), as applied to specific electric, gas and common plant in service as of June 30, 2020. The rates and amounts are based on the straight line remaining life method of depreciation. This report also describes the concepts, methods and judgments which underlie the recommended annual depreciation accrual rates related to current electric and gas plant in service.

The service life and net salvage estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through December 2019, the net salvage analyses of historical plant retirement data recorded through December 2019, a review of Company practice and outlook as they relate to plant operation and retirement, and consideration of current practice in the electric and gas industries, including knowledge of service lives and net salvage estimates used for other electric and gas companies.

PLAN OF REPORT

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life study. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents the judgment utilized for the net salvage study. Part V, Calculation of Annual and Accrued Depreciation, describes the procedures used in the calculation of group depreciation. Part VI, Results

of Study, presents a summary by depreciable group of annual depreciation accrual rates and amounts, as well as composite remaining lives. Part VII, Service Life Statistics, presents the statistical analysis of service life estimates, Part VIII, Net Salvage Statistics, sets forth the statistical indications of net salvage percents, and Part IX, Detailed Depreciation Calculations, presents the detailed tabulations of annual depreciation.

BASIS OF THE STUDY

Depreciation

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing electric and gas utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight line method of depreciation.

For all accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. The calculated remaining lives and annual depreciation accrual rates were based on attained

ages of plant in service and the estimated service life and net salvage characteristics of each depreciable group. Amortization accounting or vintage pooling is proposed for most general plant accounts.

The straight line method, average service life procedure is a commonly used depreciation calculation procedure that has been widely accepted in jurisdictions throughout North America. Gannett Fleming recommends its continued use.

Service Life and Net Salvage Estimates

The service life and net salvage estimates used in the depreciation calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric and gas utility industries, and comparisons of the service life and net salvage estimates from our studies of other electric and gas utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for utility property. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts. For steam, hydroelectric, and other production plants, the life span technique was used. In this technique, the date of final retirement was estimated for each unit, and the estimated survivor curves applied to each vintage were truncated at ages coinciding with the date of final retirement.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and the estimated future yielded estimated survivor curves from which the average service lives were derived.

The estimates of net salvage by account incorporated a review of experienced costs of removal and gross salvage related to plant retirements, and consideration of trends exhibited by the historical data. Each component of net salvage, i.e., cost of removal and gross salvage, was stated in dollars and as a percent of retirement.

An understanding of the function of the plant and information with respect to the reasons for past retirements and the expected causes of future retirements was obtained through discussions with operating and management personnel. The supplemental information obtained in this manner was considered in the interpretation and extrapolation of the statistical analyses.

PART II. ESTIMATION OF SURVIVOR CURVES

PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below and the development of net salvage is discussed in later sections of this report.

SURVIVOR CURVES

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units, or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

This study has incorporated the use of lowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

<u>Iowa Type Curves</u>

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the lowa type curves. There are four families in the lowa system, labeled in accordance with the location of the modes of the retirements in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or 0) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family.

The lowa curves were developed at the lowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125.

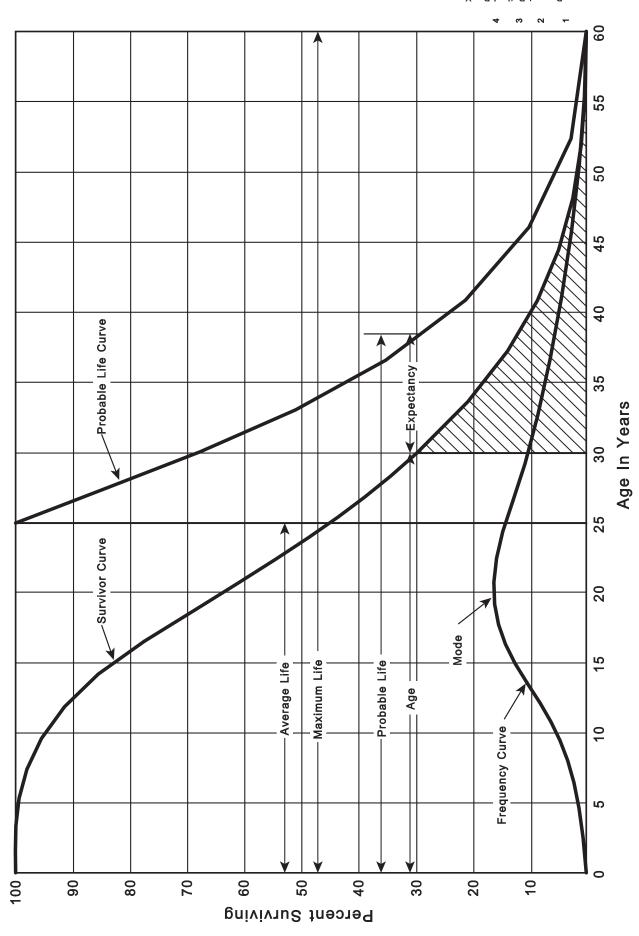
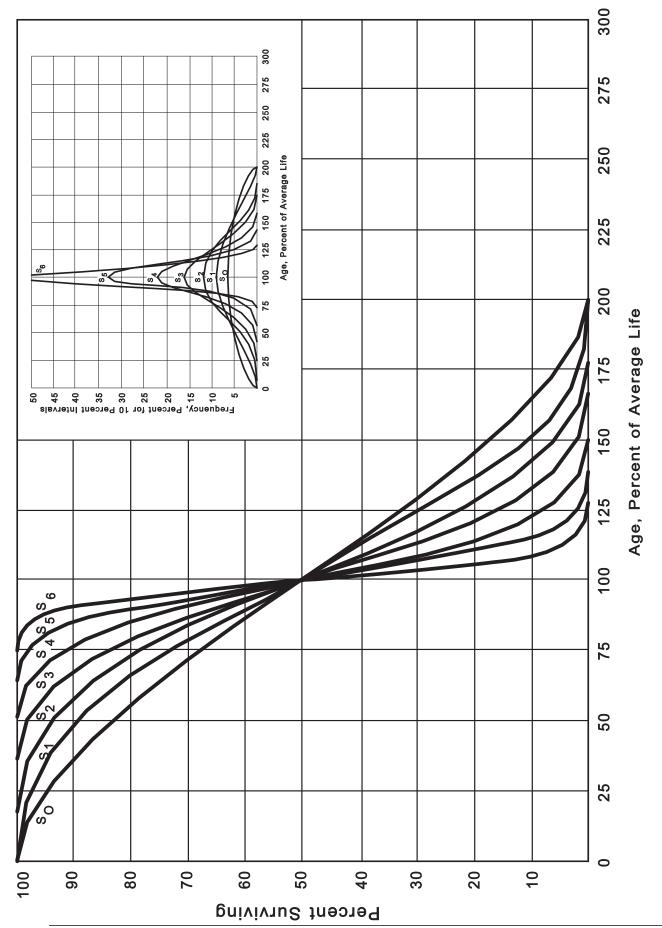


Figure 1. A Typical Survivor Curve and Derived Curves

Figure 2. Left Modal or "L" lowa Type Survivor Curves



Symmetrical or "S" lowa Type Survivor Curves Figure 3.

Figure 4. Right Modal or "R" lowa Type Survivor Curves

Age, Percent of Average Life

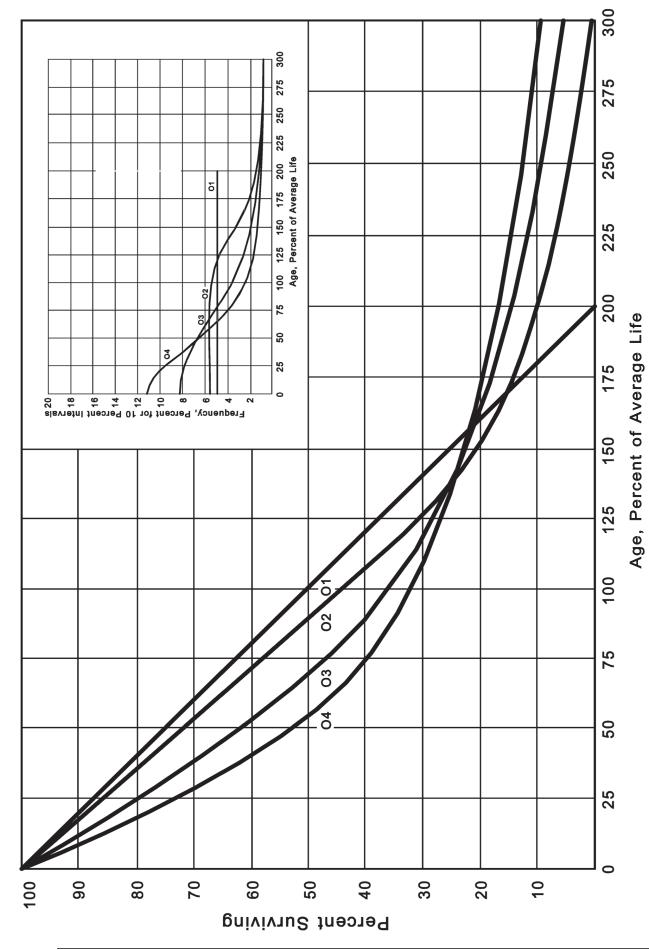


Figure 5. Origin Modal or "O" lowa Type Survivor Curves

These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation." In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

Retirement Rate Method of Analysis

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text, and is also explained in several publications, including "Statistical Analyses of Industrial Property Retirements", "Engineering Valuation and Depreciation," and "Depreciation Systems."

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band, and the band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows.

⁴Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. Iowa State University Press. 1994.



¹Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

²Winfrey, Roble, <u>Statistical Analyses of Industrial Property Retirements</u>. Iowa State College Engineering Experiment Station, Bulletin 125. 1935.

³Marston, Anson, Roble Winfrey, and Jean C. Hempstead, Supra Note 1.

The example includes schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

Schedules of Annual Transactions in Plant Records

The property group used to illustrate the retirement rate method is observed for the experience band 2010-2019 during which there were placements during the years 2005-2019. In order to illustrate the summation of the aged data by age interval, the data was compiled in the manner presented in Schedules 1 and 2 on pages II-12 and II-13. In Schedule 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, \$10,000 of the dollars invested in 2005 were retired in 2010. The \$10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of \$143,000 retired for age interval $4\frac{1}{2} - 5\frac{1}{2}$ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2010 retirements of 2005 installations andending with the 2019 retirements of the 2014 installations. Thus, the total amount of 143 for age interval $4\frac{1}{2} - 5\frac{1}{2}$ equals the sum of:

$$10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20$$
.



In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2010 through 2019 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or additions are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2015 are calculated in the following manner:

Exposures at age 0 = amount of addition	= \$750,000
Exposures at age $\frac{1}{2}$ = \$750,000 - \$8,000	= \$742,000
Exposures at age $1\frac{1}{2}$ = \$742,000 - \$18,000	= \$724,000
Exposures at age $2\frac{1}{2}$ = \$724,000 - \$20,000 - \$19,000	= \$685,000
Exposures at age $3\frac{1}{2}$ = \$685,000 - \$22,000	= \$663.000

For the entire experience band 2010-2019, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval $4\frac{1}{2} - 5\frac{1}{2}$, is obtained by summing:

Original Life Table

The original life table, illustrated in Schedule 4 on page II-16, is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age $4\frac{1}{2}$ = 88.15 Exposures at age $4\frac{1}{2}$ = 3,789,000 Retirements from age $4\frac{1}{2}$ to $5\frac{1}{2}$ = 143,000

Retirement Ratio = $143,000 \div 3,789,000 = 0.0377$ Survivor Ratio = 1.000 - 0.0377 = 0.9623Percent surviving at age $5\frac{1}{2}$ = $(88.15) \times (0.9623) = 84.83$

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.



SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2010-2019 SUMMARIZED BY AGE INTERVAL

2005-2019	({	Age	Interval (13)	131/2-141/2	121/2-131/2	111/2-121/2	101/2-111/2	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2	
Placement Band 2005-2019		ı otal During	Age Interval (12)	26	44	64	83	93	105	113	124	131	143	146	150	151	153	80	1,606
<u>п</u>			<u>2019</u> (11)	26	19	18	17	20	20	20	19	19	20	23	25	25	24	13	308
			<u>2018</u> (10)	25	22	22	16	19	16	18	19	19	19	22	22	23	7		273
			<u>2017</u> (9)	24	21	21	15	17	15	16	17	17	17	20	20	7			231
	Dollars		<u>2016</u> (8)	23	20	19	14	16	14	15	16	16	16	18	6				196
	usands of	Duilly real	<u>2015</u> (7)	16	9	17	13	4	13	14	15	15	14	∞					157
	Retirements, Thousands of Dollars) IIInd	<u>2014</u> (6)	4	16	16	7	13	12	13	13	13	_						128
	Retirer		$\frac{2013}{(5)}$	13	15	14	7	12	7	12	12	9							106
19			(4)	12	13	13	10	7	10	7	9								98
Experience Band 2010-2019			(3)		12	12	<u></u>	10	တ	2									89
rience Ban			<u>2010</u> (2)	10	11	7	∞	6	4										53
Expel	>	ת ת	Placed (1)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total



SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2010-2019 SUMMARIZED BY AGE INTERVAL

Experience Band 2010-2019

Placement Band 2005-2019

		Age	Interval	(13)	131/2-141/2	121/2-131/2	111/2-121/2	101/2-111/2	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2		
		Total During	Age Interval	(12)		ı	ı	09	1	(2)	9			1	10	ı	(121)		1	(20)	,
			2019	(11)	ı												$(102)^{c}$			(102)	,
			2018	(10)	,	ı			ı	ı				22^{a}						22	
f Dollars			2017	(6)	ı			(2) _p	6 ^a				$(12)^{b}$		(19) ^b					(30)	,
onsands o			2016	(8)	e0 _a															09	
Sales, Tho	l Year		2015	(/	ı	,														,	
fers and	During Year		2014	(9)	ı	,														,	
Acquisitions, Transfers and Sales, Thousands of Dollars			2013	(2)	,															ı	
Acquisition			2012	(4)	ı															ı	
				(3)	ı															ı	
			2010	(2)	ı	,														ı	
•	•	Year	Placed	(1)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total	

^a Transfer Affecting Exposures at Beginning of Year

Parentheses Denote Credit Amount.

^b Transfer Affecting Exposures at End of Year

^c Sale with Continued Use

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT JANUARY 1 OF EACH YEAR 2010-2019 SUMMARIZED BY AGE INTERVAL

d 2005-2019		Age	Interval	(13)	131/2-141/2	121/2-131/2	111/2-121/2	101/2-111/2	91/2-101/2	81/2-91/2	71/2-81/2	61/2-71/2	51/2-61/2	41/2-51/2	31/2-41/2	21/2-31/2	11/2-21/2	1/2-11/2	0-1/2		
Placement Band 2005-2019	Total at	Beginning of	Age Interval	(12)	167	323	531	823	1,097	1,503	1,952	2,463	3,057	3,789	4,332	4,955	5,719	6,579	7,490	44,780	
			2019	(11)	167	131	162	226	261	316	356	412	482	609	663	799	926	1,069	$1,220^{a}$	7,799	
			2018	(10)	192	153	184	242	280	332	374	431	501	628	685	821	949	$1,080^{a}$		6,852	
		ır	2017	(6)	216	174	205	262	297	347	390	448	530	623	724	841	960a			6,017	
	ollars	of the Yea	2016	(8)	239	194	224	276	307	361	405	464	546	639	742	850a				5,247	
	sands of D	Beginning	2015	(7)	195	212	241	289	321	374	419	479	561	653	750a					4,494	
	Exposures, Thousands of Dollars	Survivors at the Beginning of the Year	2014	(9)	209	228	257	300	334	386	432	492	574	e009						3,872	
	Expos	Annual Survi	2013	(2)	222	243	271	311	346	397	444	504	580a							3,318	
		A	2012	(4)	234	256	284	321	357	407	455	510^{a}								2,824	
2010-2019			2011	(3)	245	268	296	330	367	416	460a									2,382	
Experience Band 2010-2019			2010	(2)	255	279	307	338	376	420a										1,975	
Experie		Year	Placed	(1)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total	

^aAdditions during the year



SCHEDULE 4. ORIGINAL LIFE TABLE CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2010-2019

Placement Band 2005-2019

(Exposure and Retirement Amounts are in Thousands of Dollars)

	_ ,	D. (;			Percent
Age at	Exposures at	Retirements	Retirement	Survivor	Surviving at Beginning of
Beginning of Interval	Beginning of Age Interval	During Age Interval	Ratio	Ratio	Age Interval
IIILEI VAI	Age interval	IIICIVAI	Italio	Italio	Age interval
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
					35.66
Total	44,780	<u>1,606</u>			



Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.

Column 3 from Schedule 1, Column 12, Retirements for Each Year.

Column 4 = Column 3 Divided by Column 2.

Column 5 = 1.0000 Minus Column 4.

Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

Smoothing the Original Survivor Curve

The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

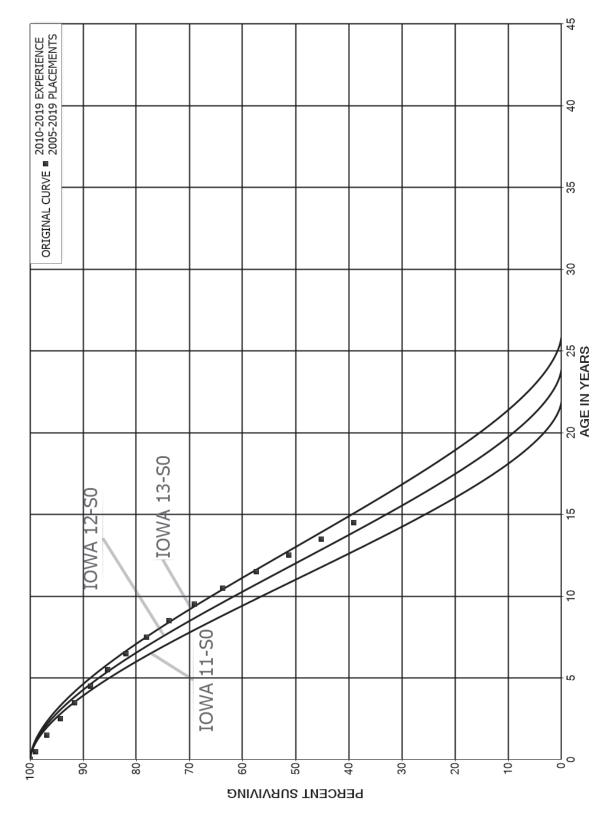
The lowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the lowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R lowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 lowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

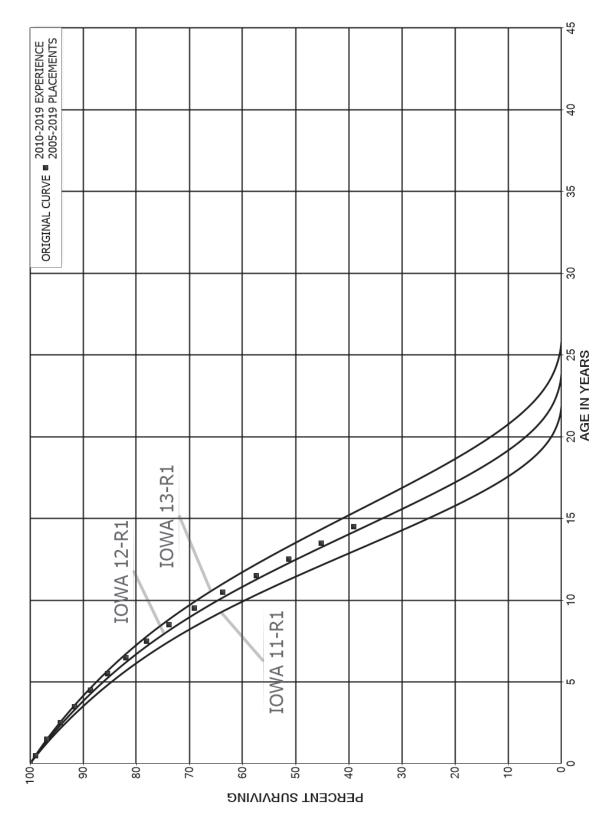
FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE ORIGINAL AND SMOOTH SURVIVOR CURVES

2010-2019 EXPERIENCE 2005-2019 PLACEMENTS 4 ORIGINAL CURVE ■ 35 30 IOWA 13-L1 20 25 AGE IN YEARS 12 9 2 اه 70 10 9 8 20 30 20 РЕВСЕИТ SURVIVING

SO IOWA TYPE CURVE FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN ORIGINAL AND SMOOTH SURVIVOR CURVES



R1 IOWA TYPE CURVE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN ORIGINAL AND SMOOTH SURVIVOR CURVES FIGURE



AND R1 IOWA TYPE CURVE 80 FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1, ORIGINAL AND SMOOTH SURVIVOR CURVES

2010-2019 EXPERIENCE 2005-2019 PLACEMENTS 9 ORIGINAL CURVE ■ 35 39 20 25 AGE IN YEARS 12 10 2 IOWA اه 70 10 9 8 20 30 20 РЕВСЕИТ SURVIVING

PART III. SERVICE LIFE CONSIDERATIONS

PART III. SERVICE LIFE CONSIDERATIONS

FIELD TRIPS

In order to be familiar with the operation of the Company and observe representative portions of the plant, field trips have been conducted. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements are obtained during field trips. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The following is a list of the locations visited during recent field trips.

October 14-16, 2019

Auburndale Service Center

Cane Run 7 (CCGT)

Riverport Distribution Center

E.W. Brown Station

Simpsonville Data Center

Canons Lane Regulating Station

Elder Park City Gate Station

Lagrange City Gate Station

Bedford City Gate Station

Trimble County Generating Facility

October 19-21, 2015

Penile City Gate Station / Cane Run City Gate Station

Blanton Lane Regulating Station

St. Helens Regulating Station

Auburndale Service Center

Mill Creek Generating Station

Riverport Distribution Center

Cane Run Unit 7 Generating Station

Ohio Falls Hydro Plant

Canal Substation

Toyota North Substation

October 10-12, 2011

Muldraugh Compressor Station

Mill Creek Generating Station

Cane Run Generating Facility

Ohio Falls Hydro Plant

E.W. Brown Generating Facility



Trimble County Generating Facility
East Service Center
Worthington Service Center
Frey's Hill Substation
Collins Substation
Old Henry Substation
Elder Park City Gate Station
LaGrange City Gate Station
Cannons Regulating Station

April 23-25, 2007

Trimble County Generating Facility
Mill Creek Generating Facility
Cane Run Generating Facility
Ohio Falls Hydro Plant
Elder Park Gate Station
E.W. Brown Generating Facility

May 29-30, 2007

Penile City Gate Station
Blanton Lane Regulating Station
Muldraugh Compressor Station
Ashby Substation
International Substation
Cane Run Substation
South Service Center
Auburndale Operations Center
Ashbottom Substation
Okolona Substation
Fern Valley Substation
Preston Street City Gate Station
Preston and Alder Street Dist. Regulating Station

SERVICE LIFE ANALYSIS

The service life estimates were based on judgment which considered a number of factors. The primary factors were the statistical analyses of data, current Company policies and outlook as determined during conversations with management; and the survivor curve estimates from previous studies of this company and other electric and gas utility companies.

For 60 plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses using the retirement rate method resulted in good to excellent



indications of the survivor patterns experienced. These accounts represent 88 percent of depreciable plant. Generally, the information external to the statistics led to minimal or no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page VII-2.

ELECTRIC PLANT

_		_		
CTE	$\Lambda \Lambda \Lambda$	וחטסם	JCTION	
\cdot	\rightarrow IVI	FNNNN		

- 311 Structures and Improvements
- 312 Boiler Plant Equipment
- 314 Turbogenerator Units
- 315 Accessory Electric Equipment
- 316 Miscellaneous Power Plant Equipment

HYDROELECTRIC PLANT

- 331 Structures and Improvements
- 334 Accessory Electric Equipment

OTHER PRODUCTION PLANT

342 Fuel Holders, Producers and Accessories

TRANSMISSION PLANT

- 352.1 Structures and Improvements
- 353.1 Station Equipment
- 354 Towers and Fixtures
- 355 Poles and Fixtures
- 357 Underground Conduit
- 358 Underground Conductors and Devices

DISTRIBUTION PLANT

- 361 Structures and Improvements
- 362 Station Equipment
- Poles, Towers and Fixtures
- 365 Overhead Conductors and Devices
- 366 Underground Conduit
- 367 Underground Conductors and Devices
- 368 Line Transformers
- 369.1 Services Underground
- 369.2 Services Overhead
- 370 Meters
- 373.1 Street Lighting and Signal Systems Overhead
- 373.2 Street Lighting and Signal Systems Underground

GENERAL PLANT

392 Transportation Equipment – Cars and Light Trucks



392.1 392.2 396.1 396.2	Transportation Equipment – Heavy Trucks and Other Transportation Equipment – Trailers Power Operated Equipment – Large Machinery Power Operated Equipment - Other
GAS PLANT	
PRODUCTION	ON PLANT
351.4	Other Structures
352.4	Well Drilling
352.5	Well Equipment
353	Lines
355	Measuring and Regulating Equipment
356 357	Purification Equipment Other Equipment
337	Other Equipment
	SION PLANT
367	Mains
DISTRIBUTI	ON PLANT
375.1	Structures and Improvements – City Gate Station
375.2	Structures and Improvements – Other Distribution
376	Mains
378 379	Measuring and Regulating Station Equipment – General
380	Measuring and Regulating Station Equipment – City Gate Services
381	Meters
383	House Regulators
385	Industrial Measuring and Regulating Station Equipment
387	Other Equipment
GENERAL P	PLANT
392.1	Transportation Equipment – Heavy Trucks and Other
392.2	Transportation Equipment – Trailers
396.1	Power Operated Equipment – Hourly Rate
COMMON PLANT	
390.1	Structures and Improvements – General Office
390.3	Structures and Improvements – Stores
390.4	Structures and Improvements – Shops
392.1	Transportation Equipment – Heavy Trucks and Other
392.2	Transportation Equipment – Trailers
396.1	Power Operated Equipment – Large Machinery
396.2 397	Power Operated Equipment – Other Communication Equipment – Microwave, Fiber and Other
001	Communication Equipment Introduction, Fiber and Other

Electric Plant Account 364, Poles, Towers and Fixtures and Account 365, Overhead

Conductors and Devices, as well as Gas Plant Account 376, Mains, are used to illustrate the



manner in which the study was conducted for the groups in the preceding list. Account 364 represents approximately 4 percent and Account 365 represents approximately 6 percent of the total depreciable electric plant. Aged plant accounting data have been compiled for the years 1934 through 2019 for poles and 1900 through 2019 for overhead conductors. These data have been coded in the course of the Company's normal record keeping according to account or property group, type of transaction, year in which the transaction took place, and year in which the electric plant was placed in service. The retirements, other plant transactions, and plant additions were analyzed by the retirement rate method.

The survivor curve estimate for Account 364, Poles, Towers and Fixtures, is based on the statistical indications for the periods 1934 through 2019. The Iowa 56-R1.5 is a good fit of the original survivor curve. The 56-year service life is slightly above the typical service life range of 40 to 55 years for poles. The 56-year life reflects the Company's practices of continual maintenance on its poles and steady retirements for all vintages due to load demands. The previous estimate was the Iowa 56-R2.

The survivor curve estimate for Account 365, Overhead Conductors and Devices, is the 52-R1.5 and is based on the statistical indication for the periods 1900 through 2019. The 52-R1.5 is a good fit of a significant portion of the original survivor curve as set forth on page VII-150 and consistent with management outlook for a continuation of past experience, and at the upper end of the service life range of 40 to 55 years for overhead conductors.

Gas Plant Account 376, represents 34 percent of the total depreciable gas plant.

Aged plant accounting data have been compiled for the year 1900 through 2019.

The survivor curve estimate is based on the statistical indications for the periods 1900 through 2019, 1935 through 2019, and 1965 through 2019. The Iowa 67-R2.5 is an excellent fit of the original survivor curve. The 67-year service life is within the typical service life

range of 50 to 70 years for mains. The 67-year life reflects the Company's practices of the past and plans for the near future. The previous estimate was the Iowa 63-R2.5.

Life Span Estimates

Inasmuch as production plant consists of large generating units, the life span technique was employed in conjunction with the use of interim survivor curves which reflect interim retirements that occur prior to the ultimate retirement of the major unit. An interim survivor curve was estimated for each plant account, inasmuch as the rate of interim retirements differs from account to account. The interim survivor curves estimated for steam, hydro, and other production plant were based on the retirement rate method of life analysis which incorporated experienced aged retirements for the period 1954 through 2019 for steam, 1934 through 2019 for hydro, and 1963 through 2019 for other production.

The depreciable life span estimates for power generating stations were the result of considering experienced life spans of similar generating units, the age of surviving units, general operating characteristics of the units, major refurbishing, and discussions with management personnel concerning the probable long-term outlook for the units, and observed features and conditions at the time of the field visit. These life spans represent the expected depreciable life of each facility under their current configuration. Future capital expenditures can extend a facility's depreciable life, however, such changes to depreciable life would not be prudent until the capital expenditures are actually put into plant in service.

The life span estimate for most steam, base-load units is 52 to 60 years, which is within the typical range of life spans for such units. The 111-year life span for the hydro production facility is within the typical range. A life span of 40 years was estimated for the majority of combustion turbines. This life span estimate is typical for combustion turbines which are used primarily as peaking units.

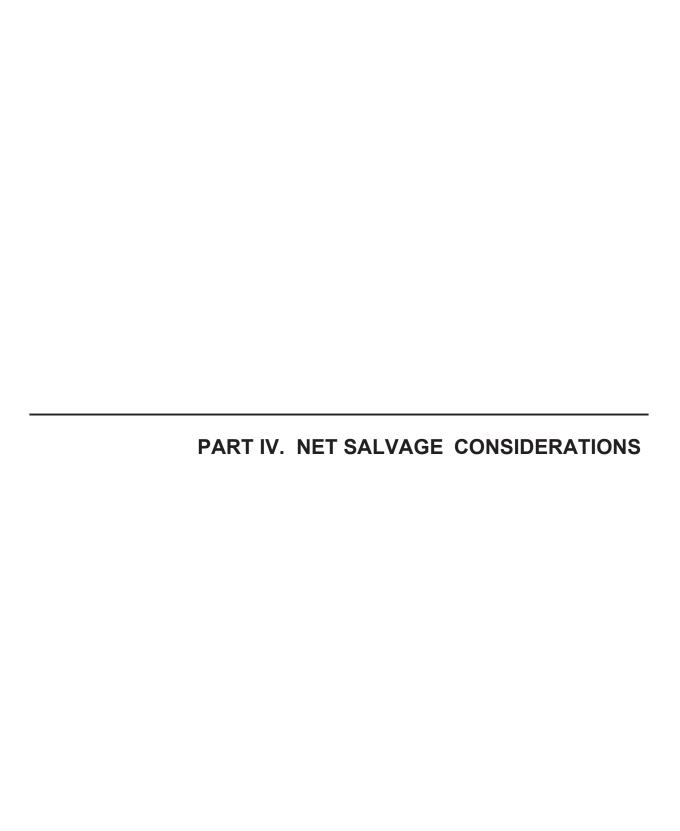


A summary of the year in service, life span and probable retirement year for each power production unit follows:

Depreciable Group	Major Year in <u>Service</u>	Probable Retirement <u>Year</u>	Life Span
Steam Production Plant	<u> </u>	<u> </u>	
Cane Run Unit 1	1954	2002	48
Cane Run Unit 2	1956	2002	46
Cane Run Unit 3	1958	2002	44
Cane Run Unit 4	1962	2015	53
Cane Run Unit 5	1966	2015	49
Cane Run Unit 6	1969	2015	46
Mill Creek Unit 1	1972	2024	52
Mill Creek Unit 2	1974	2028	55
Mill Creek Unit 3	1978	2039	61
Mill Creek Unit 4	1982	2039	57
Trimble County Unit 1	1990	2045	55
Trimble County Unit 2	1990,2011	2066	76,55
Hydro Plant			
Ohio Falls	1934	2045	111
Other Production Plant			
Cane Run GT 11	1970	2018	48
Cane Run CC 7	2015	2055	40
Zorn and River Road Gas Turbine	1970	2021	51
Paddy's Run Generator 11	1970	2025	55
Paddy's Run Generator 12	1970	2025	55
Paddy's Run Generator 13	2001	2041	40
Brown CT 5	2001	2041	40
Brown CT 6	1999	2039	40
Brown CT 7	1999	2039	40
Trimble County CT 5	2002	2042	40
Trimble County CT 6	2002	2042	40
Trimble County CT 7	2004	2044	40
Trimble County CT 8	2004	2044	40
Trimble County CT 9	2004	2044	40
Trimble County CT 10	2004	2044	40
Brown Solar	2016	2041	25
Simpsonville Solar	2019	2044	25

Similar studies were performed for the remaining plant accounts. Each of the judgments represented a consideration of statistical analyses of aged plant activity, management's outlook for the future, and the typical range of lives used by other electric and gas companies.

The selected amortization periods for other General Plant accounts are described in the section "Calculated Annual and Accrued Amortization."



PART IV. NET SALVAGE CONSIDERATIONS

NET SALVAGE ANALYSIS

The estimates of net salvage by account were based in part on historical data compiled through 2019. Cost of removal and gross salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates by account are expressed as a percent of the original cost of plant retired.

Net Salvage Considerations

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of removal and gross salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and gross salvage data are presented in the section titled "Net Salvage Statistics" for the plant accounts for which the net salvage estimate relied partially on those analyses.

Statistical analyses of historical data for the period, 1972 through 2019 by plant account were analyzed. The analyses contributed significantly toward the net salvage estimates for 57 plant accounts, representing 92 percent of the depreciable plant, as follows:

ELECTRIC PLANT

STEAM PRODUCTION

- 311 Structures and Improvements
- 312 Boiler Plant Equipment
- 314 Turbogenerator Units
- 315 Accessory Electric Equipment
- 316 Miscellaneous Power Plant Equipment



OTHER PRODUCTION

- 342 Fuel Holders, Producers and Accessories
- 343 Prime Movers
- 344 Generators
- 345 Accessory Electric Equipment

TRANSMISSION PLANT

- 352.1 Structures and Improvements
- 353.1 Station Equipment
- 355 Poles and Fixtures
- 356 Overhead Conductors and Devices
- 358 Underground Conductors and Devices

DISTRIBUTION PLANT

- 361 Structures and Improvements
- 362 Station Equipment
- 364 Poles, Towers and Fixtures
- 365 Overhead Conductors and Devices
- 366 Underground Conduit
- 367 Underground Conductors and Devices
- 368 Line Transformers
- 370 Meters
- 373.1 Street Lighting and Signal Systems Overhead
- 373.2 Street Lighting and Signal Systems Underground

GENERAL PLANT

- 392 Transportation Equipment Cars and Light Trucks
- 392.1 Transportation Equipment Heavy Trucks and Other
- 392.2 Transportation Equipment Trailers
- 396.1 Power Operated Equipment Large Machinery
- 396.2 Power Operated Equipment Other

GAS PLANT

PRODUCTION PLANT

- 352.4 Well Drilling
- 352.5 Well Equipment
- 353 Lines
- 354 Compressor Station Equipment
- 355 Measuring and Regulating Equipment
- 356 Purification Equipment
- 357 Other Equipment

DISTRIBUTION PLANT

- 375.1 Structures and Improvements City Gate Station
- 375.2 Structures and Improvements Other Distribution
- 376 Mains
- 378 Measuring and Regulating Station Equipment General
- 379 Measuring and Regulating Station Equipment City Gate



	380	Services
	381	Meters
	383	House Regulators
	387	Other Equipment
GEN	IERAL F	PLANT
	392.1	Transportation Equipment – Heavy Trucks and Other
	396.1	Power Operated Equipment – Large Machinery
	396.2	Power Operated Equipment – Other
COMMON P	LANT	
	390.1	Structures and Improvements – General Office
	390.2	Structures and Improvements – Transportation
	390.3	Structures and Improvements – Stores
	390.4	Structures and Improvements – Shops
	392.1	Transportation Equipment – Heavy Trucks and Other
	392.2	Transportation Equipment – Trailers
	396.1	Power Operated Equipment – Large Machinery
	396.2	Power Operated Equipment – Other
	397	Communication Equipment – Microwave, Fiber and Other

Electric Plant Account 353.1, Station Equipment, and Gas Plant Account 376, Mains, are used to illustrate the manner in which the study was conducted for the groups in the preceding list. Net salvage data for the period 1972 through 2019 were analyzed for Electric Plant Account 353.1. The data include cost of removal, gross salvage and net salvage amounts and each of these amounts is expressed as a percent of the original cost of regular retirements. Three-year moving averages for the 1972-1974 through 2017-2019 periods were computed to smooth the annual amounts.

Cost of removal has fluctuated over the entire period, however, the past few years have been relatively consistent between 15 and 30 percent. The removal cost since 1999 related to the effort needed to remove primarily control equipment which was retired as well as the large substation upgrades. Cost of removal for the most recent five years averaged 29 percent.

Gross salvage has diminished since 1996 with the exception of the last few years. The most recent five-year average of 2 percent gross salvage reflects recent



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trends of salvage value for most station equipment being retired. This trend is expected to continue.

The net salvage percent based on the overall period 1972 through 2019 is 17 percent negative net salvage. The range of estimates made by other electric companies for station equipment is 0 to negative 25 percent. The net salvage estimate for station equipment is negative 20 percent, is within the range of estimates for other electric companies and reflects the recent trend toward more negative net salvage.

Net salvage data for the period 1972 through 2019 were analyzed for Gas Plant Account 376.

With the exception of a few years, cost of removal was consistent through 2002, then increased over the last 17 years. The practices for applying labor costs to removing pipe versus installing new pipe has not changed, however, the labor costs have increased. Cost of removal for the most recent five years averaged 131 percent.

Gross salvage has varied slightly, however, the amounts have been minimal, particularly in the last 15 years. The most recent five-year average of 0 percent gross salvage reflects recent trends of the minimal salvage value for pipe.

The net salvage percent based on the overall period 1972 through 2019 is 40 percent negative net salvage. The range of estimates made by other gas companies for mains is negative 15 to negative 75 percent. Given the overall statistical indication, the recommended negative 40 percent was selected for the Company's mains.

The overall net salvage estimates for the Company's production facilities, for which the life span method is used, is based on estimates of both terminal net salvage and interim net salvage. Terminal net salvage is the net salvage experienced at the end of a production plant's life span. Interim net salvage is the net salvage experienced for interim retirements that occur prior to the final retirement of the plant. The terminal net

salvage estimates in the study were based on decommissioning costs assigned to comparable facilities. The interim net salvage estimates were based in part on an analysis of historical interim retirement and net salvage data. Based on informed judgment that incorporated these interim net salvage analyses for each plant account, an interim net salvage estimate between negative 5 and negative 30 percent was used for each steam plant account and a net salvage estimate between negative 5 and negative 10 percent was used for each other production plant account.

The interim survivor curve estimates for each account and production facility were used to calculate the percentage of plant expected to be retired as interim retirements and terminal retirements. These are shown on Table 2 in the Net Salvage Statistics section on page VIII-2 and VIII-3. These percentages were used to determine the weighted net salvage estimate for each account and production facility based on the interim and terminal net salvage estimates. These calculations, as well as the estimated terminal net salvage amounts and interim net salvage percents, are shown on Table 2 of the Net Salvage Statistics section on pages VIII-2 and VIII-3.

Generally, the net salvage estimates for the remaining general plant accounts were zero percent, consistent with amortization accounting.

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

GROUP DEPRECIATION PROCEDURES

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

Single Unit of Property

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a \$1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1,000}{(4+6)}$$
 = \\$100 per year.

The accrued depreciation is:

$$$1,000\left(1-\frac{6}{10}\right)=$400.$$



Remaining Life Annual Accruals

For the purpose of calculating remaining life accruals as of June 30, 2020, the depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations as of June 30, 2020, are set forth in the Results of Study section of the report.

Average Service Life Procedure

In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization, as defined in the Uniform System of Accounts, is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization periods and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is appropriate for certain General Plant accounts that represent numerous units of property, but a very small portion of total depreciable electric plant in service. The accounts and their amortization periods are as follows:

	Account	Amortization Period, Years
ELECTF 394 397.2	RIC PLANT Tools, Shop and Garage Equipment Communication Equipment - DSM	25 10
GAS PL 394		25
391.1 391.2 391.3 391.31 391.4 393 394	ON PLANT Office Furniture and Equipment – Furniture Office Furniture and Equipment – Equipment Office Furniture and Equipment – Computer Equipment Office Furniture and Equipment – Personal Computer Office Furniture and Equipment – Security Equipment Stores Equipment Tools, Shop and Garage Equipment	20 15 5 4 10 25 25
397.1	Communication Equipment – Radio and Telephone	10



For the purpose of calculating annual amortization amounts as of June 30, 2020, the book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The book reserve assigned to vintages with an age greater than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

PART VI. RESULTS OF STUDY



PART VI. RESULTS OF STUDY

QUALIFICATION OF RESULTS

The calculated annual and accrued depreciation are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and net salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation, using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric, gas and common plant in service as of June 30, 2020. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to June 30, 2020, is reasonable for a period of three to five years.

DESCRIPTION OF STATISTICAL SUPPORT

The service life and net salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other electric and gas utility companies. The results of the statistical analyses of service life are presented in the section titled "Service Life Statistics".

The estimated survivor curves for each account are presented in graphical form.

The charts depict the estimated smooth survivor curve and original survivor curve(s),



when applicable, related to each specific group. For groups where the original survivor curve was plotted, the calculation of the original life table is also presented.

The analyses of net salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and gross salvage data, three-year moving averages and the most recent five-year average. Data are shown in dollars and as percentages of original costs retired.

DESCRIPTION OF DEPRECIATION TABULATIONS

Summary tables of the results of the study, as applied to the original cost of electric, gas and common plant as of June 30, 2020, are presented on pages VI-4 through VI-13 of this report. The schedules set forth the original cost, the book reserve, future accruals, the calculated annual depreciation rate and amount, and the composite remaining life related to electric, gas and common plant.

The tables of the calculated annual depreciation accruals are presented in account sequence in the section titled "Detailed Depreciation Calculations." The tables indicate the estimated survivor curve and net salvage percent for the account and set forth, for each installation year, the original cost, the calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life and the calculated annual accrual amount.

LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2020

COMPOSITE REMAINING LIFE (9)=(6)(7)	74 7 7 8 1 8 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1	O.5.	. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.4.1	** 4.4 7.7 18.0 17.9 17.9 39.4 12.9
ANNUAL ACCRUAL RATE (8)=(7)/(4)	2.90 3.40 6.98 1.68 2.77 2.12 2.33	70.	. 711.02 20.11 11.05 5.46 5.48 5.48 5.48 5.48 5.28 20.22 20.22 20.22	6.15	** 14.04 14.04 13.27 13.25 12.28 14.02 15.04 14.04
CALCULATED ANNUAL ACCRUAL ACCRUAL AMOUNT RATE (7) (8)=(7)(4)	155,388 636,981 1,382,559 454,789 0 1,888,116 19,004 2,195,181 394,184 5,886 17,088	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31,484,371 1,919,445 23,519,677 13,866,457 14,447,980 8,189,667 8,189,657 10,328,183 10,328,183 17,993,637 2,055,200 7,523,198	162,098,333 12,064 91,112 90,525	3.827,531 2,834,635 1,332,365 1,995,028 1,527,744 504,518 11,821,821
FUTURE ACRUALS (6)	6,468,237 2,846,277 10,973,406 8,459,181 0,35,123,693 354,079 53,003,165 829,092 17,449,470 262,004 761,568	70c/0c/0c/0c/0c/0c/0c/0c/0c/0c/0c/0c/0c/0	139,603,931 8,484,005 183,240,527 108,434,755 255,909,522 146,985,608 649,082,537 183,990,267 268,422,113 44,837,691 290,166,186	2,292,199,549 12,064 377,233 290,098	16,981,953 20,606,247 24,023,564 35,741,374 34,705,112 19,896,160
BOOK DEPRECIATION RESERVE (5)	493,155 17,220,582 10,207,821 20,500,404 144,853 42,437,384 2,295,887 6,792,233 15,715 3,207,677 18,405 21,047	72,477 411 274 574 541 19,322 224,877 8,793,177	9,111,079 58,284,730 9,504,810 44,545,536 12,857,330 81,467,888 13,454,408 22,647,009 22,647,009 23,612,888 28,314,449 3,948,518	554,852,014 399,686 4,469,130 4,767,144	9,635,960 12,185,078 12,895,686 19,513,767 25,907,523 30,913,793 5,292,482
ORIGINAL COST (4)	5,354,917.29 18,754,074.14 19,795,539.68 27,085,032.87 27,085,995.17 27,885,995.17 2,475,547,45 107,933,782.41 889,015,22 18,610,042.76 252,621.17 745,718.89	65,888.59 373.59 249.15 491.62 17,565.79 7,993,797.66	8,282,799,67 184,942,673,71 16,811,976,82 212,884,170,88 13,357,084,7 315,305,719,18 149,926,294,34 195,089,043,08 25,309,086,38 68,153,675,06 286,919,491,14 15,352,427,57	2,634,787,079.69 411,750.29 4,846,362.74 5,057,242.50	27,258,907,36 31,310,218,00 40,689,104,19 57,615,791,65 59,116,190,80 22,682,470,51 238,682,622,51
NET SALVAGE PERCENT (3)	\$\frac{1}{2}\frac{1}\frac{1}{2}\f	(10) (10) (10) (10) (10)	6666666666	000	33333
<u>د</u> ا	* * * * * * * * * * * * *	* * * * * *	* * * * * * * * * * *	* * *	* * * * *
SURVIVOR CURVE (2)	95-72.5 96-72.5 96-72.5 96-72.5 96-72.5 96-72.5 96-72.5 96-72.5 96-72.5 96-72.5	95-R2.5 95-R2.5 95-R2.5 95-R2.5 95-R2.5 95-R2.5	57-R1 57-R1 57-R1 57-R1 57-R1 57-R1 57-R1 57-R1	100-S4 100-S4 100-S4	62-R2 62-R2 62-R2 62-R2 62-R2 62-R2
PROBABLE RETIREMENT DATE (2)	06-2063 12-2024 06-2028 06-2039 06-2039 06-2039 06-2039 06-2045 06-2045 06-2046 06-2066	FULLY ACCRUED FULLY ACCRUED FULLY ACCRUED FULLY ACCRUED FULLY ACCRUED FULLY ACCRUED FULLY ACCRUED	ED PLANT 12-2024 12-2024 06-2028 06-2039 06-2039 06-2039 06-2045 06-2045 06-2045	05-2021 09-2024 09-2023	12-2024 06-2028 06-2039 06-2039 06-2045 06-2046
ACCOUNT (1)	STEAM PRODUCTION PLANT STEAM PRODUCTION PLANT STRUCTURES AND IMPROVEMENTS RIVERPORT DISTRIBUTION CENTER MILL GREEK UNIT 2 MILL GREEK UNIT 3 MILL GREEK UNIT 3 SCRUBBER TIRMBLE COUNTY UNIT 1 SCRUBBER TRIMBLE COUNTY UNIT 1 SCRUBBER TRIMBLE COUNTY UNIT 2 SCRUBBER TRIMBLE COUNTY UNIT 2 SCRUBBER TRIMBLE COUNTY WINIT 2 SCRUBBER TRIMBLE COUNTY UNIT 2 SCRUBBER TRIMBLE COUNTY TRAINING CENTER	STRUCTURES AND IMPROVEMENTS - RETIRED PLANT CANE RUN UNIT 1 CAME RUN UNIT 3 CANE RUN UNIT 3 CANE RUN UNIT 3 CANE RUN UNIT 3 CANE RUN UNIT 4 CANE RUN UNIT 5 CANE RUN UNIT 4 CANE RUN UNIT 6 SCRUBBER CANE RUN UNIT 6 AND UNIT 6 SCRUBBER CANE RUN UNIT 6 AND UNIT 6 SCRUBBER	TOTAL ACCOUNT 311.2 - STRUCTURES AND IMPROVEMENTS - RETIRED PLA BOILER PLANT EQUIPMENT MILL CREEK UNIT 1 MILL CREEK UNIT 2 SCRUBBER MILL CREEK UNIT 3 SCRUBBER TEMMELE COUNTY UNIT 1 SCRUBBER TEMMELE COUNTY UNIT 1 SCRUBBER TEMMELE COUNTY UNIT 2 SCRUBBER TEMMELE COUNTY UNIT 2 SCRUBBER TEMMELE COUNTY UNIT 2 SCRUBBER	TOTAL ACCOUNT 312 - BOILER PLANT EQUIPMENT BOILER PLANT EQUIPMENT - ASH PONDS MILL GREEK UNIT 1 TRIMBLE COUNTY UNIT 2	TOTAL ACCOUNT 312.1 - BOILER PLANT EQUIPMENT - ASH PONDS TURBOGENERATOR UNITS MILL CREEK UNIT 1 MILL CREEK UNIT 2 MILL CREEK UNIT 3 MILL CREEK UNIT 3 MILL CREEK UNIT 3 TRIMBLE COUNTY UNIT 1 TRIMBLE COUNTY UNIT 1 TRIMBLE COUNTY UNIT 2 TOTAL ACCOUNT 314 - TURBOGENERATOR UNITS
	311.00	311.20	312.00	312.10	314.00



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2020

	COMPOSITE REMAINING LIFE (9)=(6)/(7)	4 4 4 7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15.0	86 6.4 6.7 8.5 8.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	20.3			20.7	23.1	24.9	24.9	25.1	25.1	25.0	25.0	25.0	25.0
	ACCRUAL ACCRUAL RATE (8)=(7)/(4)	8.67 7.939 7.933 7.933 7.933 7.933 7.94 7.74 7.29 7.29 7.29 7.29 7.29 7.29 7.29 7.29	3.96	2.72 9.29 9.29 1.13 1.13 2.86 2.86	3.73	5.61		4.04 2.35	2.36	3.80	3.80	3.74	3.74	3.59	3.59	1.58	1.55
	CALCULATED ANNUAL ACCRUAL ACCRUAL AMOUNT RATE (7) (8)=(7)/(4)	1,569,509 40,413 1,009,739 648,564 760,618 1,614 913,195 425,998 1,691,051 24,834 236,028	7,371,563	52,510 61,082 6,933 27,472 493,619 91,469 116,250	849,436	189,517,797		1,160 132,282	133,442	736,938	736,938	4,287,119	4,287,119	235,649	235,649	0 2,840	2,840
	FUTURE ACCRUALS (6)	7,009,733 179,435 8,388,197 5,175,537 14,164,063 28,787 16,755,341 8,029,231 40,316,735 577,238 10,226,806	110,851,093	1,898,567 28,088 58,658 506,140 8,256,366 1,753,574 4,110,159	17,209,366	2,709,424,335		24,001 3,062,979	3,086,980	18,338,946	18,338,946	107,501,063	107,501,063	5,895,574	5,895,574	70,914	70,914
20,000	BOOK DEPRECIATION RESERVE (5)	12,367,099 36,884 5,912,688 872,534 14,642,746 1,136,341 18,964,792 586,418 32,377,733 2,460,753 2,460,753 2,103,255	91,461,223	128,442 51,1529 25,537 318,387 4,161,773 1,799,746 421,769	7,411,305	942,677,541		5,271 2,687,314	2,692,585	1,432,823	1,432,823	9,371,591	9,371,591	804,598	804,598	3,858 112,362	116,220
	ORIGINAL COST (4)	15,109, 188.73 13,365,293.98 5,652,402.38 5,652,402.38 1,082,225.116 1,082,225.116 1,082,203.00 33,383,302.28 5,052,008.04 65,490,511.95 2,736,920.21 11,108,163.38	186,111,114.34	1,930,485.14 719,287.87 74,687.78 770,586.25 11,951,532.18 43,211,57 3,201,189.18	22,773,758.20	3,375,442,832.83		28,698.29 5,637,542.61	5,666,240.90	19,384,087.20	19,384,087.20	114,581,032.99	114,581,032.99	6,568,796.25	6,568,796.25	3,782.01 179,682.14	183,464.15
	NET SALVAGE PERCENT (3)	555333333		<u>3</u> 333333				(2)		(2)		(2)		(2)		(2)	
	SURVIVOR CURVE (2)	70-R3 70-R3 70-R3 70-R3 70-R3 70-R3 70-R3 70-R3		43. R2. 5 43. R2. 5				95-R2 *		90-R2.5 *		80-R3 *		* 80-R4		70-R3 *	
	PROBABLE RETIREMENT DATE (2)	12-2024 12-2024 06-2028 06-2039 06-2039 06-2039 06-2039 06-2039 06-2045 06-2045		06-2063 12-2024 06-2028 06-2039 06-2039 06-2039 06-2046				10-2045 10-2045		10-2045		10-2045		10-2045		10-2045 10-2045	
	ACCOUNT (1)	315.00 ACCESSORY ELECTRIC EQUIPMENT MILL CREEK UNIT 1 SCRUBBER MILL CREEK UNIT 2 SCRUBBER MILL CREEK UNIT 2 SCRUBBER MILL CREEK UNIT 3 SCRUBBER MILL CREEK UNIT 3 SCRUBBER MILL CREEK UNIT 4 MILL CREEK UNIT 4 SCRUBBER TRIMBLE COUNTY UNIT 1 SCRUBBER TRIMBLE COUNTY UNIT 2 SCRUBBER TRIMBLE COUNTY UNIT 2 SCRUBBER	TOTAL ACCOUNT 315 - ACCESSORY ELECTRIC EQUIPMENT	316.00 MISCELLANEOUS POWER PLANT EQUIPMENT RIVERPORT DISTRIBUTION CENTER MILL CREEK UNIT 1 MILL CREEK UNIT 3 MILL CREEK UNIT 3 MILL CREEK UNIT 3 MILL CREEK UNIT 4 MILL CREEK UNIT 4 MILL CREEK UNIT 4 MILL CREEK UNIT 4 MILL CREEK UNIT 2 MILL CREEK UNIT 2 MILL CREEK UNIT 2 MILL CREEK UNIT 2	TOTAL ACCOUNT 316 - MISCELLANEOUS PLANT EQUIPMENT	TOTAL STEAM PRODUCTION PLANT	HYDROELECTRIC PRODUCTION PLANT	331.00 STRUCTURES AND IMPROVEMENTS OHIO FALLS - NON-PROJECT OHIO FALLS - PROJECT 289	TOTAL ACCOUNT 331 - STRUCTURES AND IMPROVEMENTS	332.00 RESERVOIRS, DAMS AND WATERWAYS OHIO FALLS - PROJECT 289	TOTAL ACCOUNT 332 - RESERVOIRS, DAMS AND WATERWAYS	333.00 WATER WHEELS, TURBINES AND GENERATORS OHIO FALLS - PROJECT 289	TOTAL ACCOUNT 333 - WATER WHEELS, TURBINES AND GENERATORS	334.00 ACCESSORY ELECTRIC EQUIPMENT OHIO FALLS - PROJECT 289	TOTAL ACCOUNT 334 - ACCESSORY ELECTRIC EQUIPMENT	335.00 MISCELLANEOUS POWER PLANT EQUIPMENT OHIO FALLS - NON-PROJECT OHIO FALLS - PROJECT 289	TOTAL ACCOUNT 335 - MISCELLANEOUS POWER PLANT EQUIPMENT
		25		31				33		33		33		33		33	



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 39, 2020

COMPOSITE REMAINING LIFE	(2)/(9)=(6)	10.7	10.7			32.8 - 20.6 20.7	18.8 20.8 20.8	21.5 23.5	23.5 23.5 23.6 23.8	27.5	•	•	8.28 8.20 8.20 1. 0.00 1. 0.00	27.3 17.0 17.4 16.4 15.4
ANNUAL ACCRUAL RATE	(8)=(7)/(4)	7.09	7.09	3.69		2.40	3.15 2.09 4.25	2.19	2.27 2.28 2.57 4.10	2.46			23.2.96 23.5.96 23.5.96 23.5.29 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 23.25 24.25 25.25 25.25 26.2	3.76 3.16 3.37 4.23 2.56
CALCULATED ANNUAL ACCRUAL ACCRU AMOUNT RATE	(2)	859	859	5,396,847		425,404 0 0 54,950 35,391	3,875 3,015 39,300	32,123 47,268	47,083 48,651 64,998 25,808	862,014	0	0	27,992 195,307 5,240 0 47,423 358,700 19,415 2,033 17,595 2,208 2,208 2,208 2,208 2,208 2,208 1,595 1,168 12,188	2,853,705 699,969 622,473 1,019,141 477,151
FUTURE ACCRUALS	(9)	9,231	9,231	134,902,708		13,970,098 0 1,134,265 734,041	72,975 56,359 815,858 735,905	691,964 1,111,748	1,107,389 1,144,267 1,535,084 613,202	23,723,145	(349,910)	(349,910)	917,204 6,396,319 5,240 0 930,968 7,349,768 382,677 459,662 325,524 45,394 1,265 177,115 177,115 18,953,518	77,990,480 11,880,274 10,852,921 16,702,595 7,364,009
BOOK DEPRECIATION RESERVE	(2)	3,131	3,131	14,420,948		5,687,392 8,983 67,960 1,498,866 519,967	58,473 98,102 135,806	939,789 908,073 1,159,483	1,154,935 1,185,502 1,217,180 22,187	14,682,678	702,722	702,722	1,124,474 192,146 192,146 193,167 1,482,39 195,132 195,132 195,132 195,132 197,132 197,132 197,132 197,132 197,132 197,132 197,132 197,132 197,140 197	6,219,820 11,598,914 8,931,424 9,086,454 12,553,507
ORIGINAL COST	(4)	12,119.47	12,119.47	146,395,740.96		17,709,450.89 8,241.14 64,113.35 2,484,085.38 1,171,970.07	122,849.05 144,356.29 923,945.85 1 555.65	1,353,655.06 1,467,923.89 2,083,698.13	2,075,526.50 2,137,402.33 2,525,013.22 629,097.75	35,103,328.92	320,737.94	320,737.94	1,839,349,29 6,602,221,07 2,223,002 9,237,57 21,667,08 2,235,100 61 7,683,302,29 846,906,63 766,004,64 483,544,33 97,966,90 97,861,58 2,320,474,20 338,423,07 337,096,18 337,046,18 347,146,53 446,520,02	75,865,135.10 22,150,177.60 18,490,042.40 24,101,915.33 18,614,501.31
NET SALVAGE PERCENT	(3)	(2)				(1) (6) (6) (7)	SE@@	666	6666		(10)		££666666666666666	(11)
SURVIVOR CURVE	(2)	* \$2-08				60-R4 60-R4 60-R4 60-R4 60-R4	60-R4 40-S3 60 B4	60-R4 60-R4 60-R4	60-R4 60-R4 60-R4 40-S3		60-R4		55-7-25 56-7-2	35-R1.5 * 35-R1.
PROBABLE RETIREMENT DATE	(2)	10-2045				06-2055 06-2021 06-2025 06-2041 06-2041	06-2039 06-2039 06-2041 06-2042	06-2042 06-2044 06-2044	06-2044 06-2044 06-2044 06-2044		06-2018		06-2065 06-2055 06-2021 06-2025 06-2041 06-2041 06-2039 06-2039 06-2039 06-2044 06-2044 06-2044 06-2044 06-2044	06-2055 06-2041 06-2041 06-2039 06-2039
ACCOUNT	(1)	ROADS, RAILROADS AND BRIDGES OHIO FALLS - PROJECT 289	TOTAL ACCOUNT 336 - ROADS, RAILROADS AND BRIDGES	TOTAL HYDROELECTRIC PRODUCTION PLANT	OTHER PRODUCTION PLANT	STRUCTURES AND IMPROVEMENTS CANE RUN CC 7 ZORN AND RIVER ROAD GAS TURBINE PADDYS RUN GENERATOR 12 PADDYS RUN GENERATOR 13 BROWN CT 5	BROWN CT 6 BROWN CT 7 BROWN SOLAR TEMBLE COLINTY CT 6	TRIMBLE COUNTY OT 6 TRIMBLE COUNTY OT 6	TRIMBLE COUNTY CT 8 TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 10 SIMPSONVILLE SOLAR	TOTAL ACCOUNT 341 - STRUCTURES AND IMPROVEMENTS	STRUCTURES AND IMPROVEMENTS - RETIRED PLANT CANE RUN GT 111	TOTAL ACCOUNT 341.2 - STRUCTURES AND IMPROVEMENTS	FUEL HOLDERS, PRODUCERS AND ACCESSORIES CANE RUN CC 7 CANE RUN PELINE ZORN AND RIVER ROAD GAS TURBINE PADDY'S RUN GENERATOR 11 PADDY'S RUN GENERATOR 12 PADDY'S RUN GENERATOR 12 PADDY'S RUN GENERATOR 13 PADDY'S RUN GENERATOR 13 PADDY'S RUN CT PIPELINE BROWN CT 6 BROWN CT 6 BROWN CT 7 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 7	
		336.00				341.00					341.20		342.00	343.00



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2020

COMPOSITE REMAINING LIFE (9)=(6)/(7)	17.9 17.6 19.2 19.0 19.0	20.9	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	23.3	2.82 2.02 2.02 2.02 2.02 2.02 2.03 2.03 2.0	24.1	34.3 20.4 20.4 18.8 20.0
ACCRUAL RATE (8)=(7)/(4)	3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.	3.40	2.2.3 2.2.0 2.2.0 2.2.0 2.2.0 2.2.0 2.2.0 2.2.0 2.2.0 2.2.0 2.2.0 4.4.4 4.4.4 4.4.4	2.76	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.52	2.94
CALCULATED ANNUAL ACCRUAL ACCRU AMOUNT RATE (7) (8)=(7)/	509,880 444,495 502,336 455,314 447,597 460,546	8,492,607	479,233 84,628 0,572 155,574 82,743 82,743 81,236 38,726 38,726 38,726 38,736 43,557 43,557 47,530 22,069 2,541	1,611,164	201,160 9,102 0 0 0 45,608 11,522 29,584 29,584 24,385 44,439 14,449 11,304 11,304	791,858	28,405 0 0 26,525 51,089 1,022 472 11,910
FUTURE ACCRUALS (6)	9,128,324 7,804,847 9,661,455 8,634,179 8,490,637 8,766	177,294,487	16.525.041 84,628 0 7,861 3,196,118 1,702,301 1,702,301 1,702,301 825,631 825,631 825,631 825,631 1,023,774 1,018,548 1,541,148 1,118,797 471,797 471,794 58,434	37,552,816	6,671,361 9,102 0 0 886,779 1,062,918 558,230 558,230 558,230 558,56 1,561,174 985,560 4,194,812 2,6453 26,453 26,453	19,063,038	973,023 0 0 540,131 1,039,665 19,196 17,196 2,759 2,8,558
BOOK DEPRECIATION RESERVE (5)	8,183,620 7,920,117 7,430,542 7,583,469 7,676,771 7,723,823	94,908,461	2 929 662 2.007,414 1,632.357 3.487,041 3.201,708 1,987,832 1,587,832 1,587,832 1,570,182 957,504 919,277 919,	25,403,759	940,092 94,074 641,453 955,292 2,145,789 1,731,671 557,100 676,711 676,711 676,711 676,711 1,04,022 1,104,022 1,083,562 2,578,79 4,71 2,233	15,016,688	98 682 10,342 10,064 897,181 1,527,333 15,883 15,902 41,447
ORIGINAL COST (4)	15,882,516.99 14,426,572.85 15,680,731.51 14,878,576.37 14,832,484.85 15,145,494.70	250,068,149.01	17,526,759,72 1,919,304,70 1,539,698,99 1,539,698,99 1,539,688,56 1,035,684,56 3,448,772,25 2,508,210,18 8,363,103,36 1,563,604,01 1,783,844,14 1,783,844,62 1,996,602,87 1,99	58,386,726.79	6,857,165,05 94,666,49 605,144,42 605,144,42 2,800,913,24 2,602,373,29 1,042,384,45 1,130,650,06 285,072,02 782,798,71 1,709,376,03 1,199,268,83 1,943,248,28 1,896,229,439,84 2259,439,84 27,319,38	31,383,542.42	965.500.34 9,488.39 9,494.38 1,299.351.17 2,399,260.01 32,755.71 23,047.78 271,849.13
NET SALVAGE PERCENT (3)	(6) (6) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7		£ 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		£ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		3.3.3.3.6.6.6.3
SURVIVOR CURVE (2)	35-R1.5 35-R1.5 35-R1.5 35-R1.5 35-R1.5 35-R1.5		60-53 60-63 60-63		50-52.5 50-52.		55-R4 55-R4 55-R4 55-R4 55-R4 55-R4 55-R4 55-R4
PROBABLE RETIREMENT DATE (2)	06-2042 06-2044 06-2044 06-2044 06-2044 06-2044		06-2055 06-2021 06-2025 06-2025 06-2041 06-2041 06-2042 06-2042 06-2044 06-2044 06-2044 06-2044 06-2044 06-2044		06-2055 06-2021 06-2025 06-2041 06-2041 06-2041 06-2042 06-2042 06-2042 06-2044 06-2044 06-2044 06-2044 06-2044 06-2044		06-2055 06-2021 06-2025 06-2041 06-2039 06-2039 06-2039
ACCOUNT (1)	TRIMBLE COUNTY CT 5 TRIMBLE COUNTY CT 6 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 8 TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 9	TOTAL ACCOUNT 343 - PRIME MOVERS	CANE RUN CC 7 CANE RUN CC 7 CANE RUN CC 7 CONTROL OF THE PADDY'S RUN GENERATOR 11 PADDY'S RUN GENERATOR 13 BROWN CT 6 BROWN CT 6 BROWN CT 6 BROWN CT 6 BROWN CT 7 BROWN CT 7 BROWN CT 7 TRIMBLE COUNTY CT 6 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 9	TOTAL ACCOUNT 344 - GENERATORS	CANE RUN CC 7 CANE RUN CC 7 CANE RUN CC 7 CONN AND RIVER ROAD GAS TURBINE PADDY'S RUN GENERATOR 11 PADDY'S RUN GENERATOR 12 PADDY'S RUN GENERATOR 13 BROWN CT 6 BROWN CT 6 BROWN CT 6 BROWN CT 6 BROWN CT 7 TRIMBLE COUNTY CT 5 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 8 TRIMBLE COUNTY CT 9	TOTAL ACCOUNT 345 - ACCESSORY ELECTRIC EQUIPMENT	MISCELLANEOUS POWER PLANT EQUIPMENT CANE RINK CZ 7 ZORN AND RIVER ROAD GAS TURBINE PADDY'S RUN GENERATOR 11 PADDY'S RUN GENERATOR 13 BROWN CT 5 BROWN CT 5 BROWN CT 6 BROWN CT 7
			344.00		345.00		346.00



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2020

COMPOSITE REMAINING LIFE (9)=(6)/(7)	23.3.6 23.3.6 23.3.6 23.3.6 20.3.7 20.3.7	23.6		58.3 48.0 49.8 44.4 34.4 35.8		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9.4 9.6 15.2		14.8
ACCRUAL RATE (8)=(7)/(4)	2.33 2.32 2.33 2.33 4.40	2.39	3.13	1.03 1.61 1.90 1.73 3.02 3.02 1.83	2.26	2.05 3.25 3.25 3.25 3.25 2.73 1.80 2.73 1.80 6.78 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	5.20 6.58 6.53	6.38	3.91
CALCULATED ANNUAL	338 121 120 124 690 1,051	121,867	12,673,862	88,034 286,026 4,578,555 803,533 3,329,646 2,006(513 35,479 188,964	11,316,850	266,957 3,732,562 1,728,918 11,602,801 1,602,807 9,120,074 9,260,469 545,319 610,880 1,681,777 229,514 5,022 7,1,703 1,703 2,782,102 1,703 2,783,178 2,783,178 2,783,178 2,783,178	66,459 460,741 25,511	552,711	279,884
FUTURE ACCRUALS (6)	7,285 2,817 2,803 2,894 16,320 24,082	2,875,533	279,112,627	5,135,697 16,359,766 219,920,017 42,699,730 165,895,033 86,221,331 1,221,338 6,759,874	544,242,676	11,576,041 156,777,221 358,108,271 84,778,372 87,859,574 429,792,342 109,337,752 25,645,243 14,243,551 14,251 17,69,786 159,325 70,917,785 59,075,889	623,058 4,426,777 387,763	5,437,598	4,130,079
BOOK DEPRECIATION RESERVE (5)	8,552 2,856 2,846 2,914 11,293	2,585,507	160,884,960	3,451,956 3,123,122 69,305,796 26,836,169 32,689,831 33,160,077 816,786 3,863,114	173,246,851	2,769,464 51,099,222 83,029,849 128,288,230 34,647,325 70,592,216 84,947,418 2,344,063 25,289,766 20,786,098 532,466 1,193 4,157,619 16,677,013 32,499,115	654,214 2,571,639 3,038	3,228,891	3,029,764
ORIGINAL COST (4)	14,528.92 5,204.51 5,182.59 5,328.44 25,332.91 23,884.71	5,090,198.99	404,857,765.68	8,587,662.59 17,711,716.57 241,021,510.79 10,324,335,266.29 110,324,335,37 66,339,615.71 1,941,041.62 8,498,390.55	500,782,129.39	13,041,368.08 173,230,369.53 288.420,066.57 386.329,716.56 87,504,327.78 14,185,196.77 14,185,196.77 35,023,647.23 3,015,016.72 74,083.26 5,297,405.09 176,164.49 62,567,712.69 65,410,717.45	1,277,271.74 6,998,415.75 390,801.16	8,666,488.65	7,159,842.53
NET SALVAGE PERCENT (3)	(6) (6) (7) (7) (8) (8) (9) (9) (1)			0 (10) (20) (50) (80) (8) (3) (25)		* (20) (80) (80) (80) (80) (90) (90) (90) (90) (90) (90) (90) (9	000		0
SURVIVOR CURVE (2)	55-R4 55-R4 55-R4 55-R4 55-R4 40-R2.5			75-R4 65-R2 60-R1.5 75-R4 60-R2 60-R2 55-S3 50-R3		60-S0.5 62-R1 66-R1.5 52-R1.5 75-84 78-R3 47-R3 66-R2.5 66-R2.5 16-S0.	14-S2 13-R2 23-S2.5		25-SQ
PROBABLE RETIREMENT DATE (2)	06-2042 06-2044 06-2044 06-2044 06-2044					12-2029			
ACCOUNT (1)	TRIMBLE COUNTY CT 5 TRIMBLE COUNTY CT 7 TRIMBLE COUNTY CT 8 TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 10 SIMPSONVILE SOLAR	TOTAL ACCOUNT 346 - MISCELLANEOUS POWER PLANT EQUIPMENT	TOTAL OTHER PRODUCTION PLANT TRANSMISSION PLANT	382.10 STRUCTURES AND IMPROVEMENTS 383.10 STATION EQUIPMENT 385.10 STATION EQUIPMENT 385.00 POLES AND FIXTURES 385.00 OVERHEAD CONDUCTORS AND DEVICES 386.00 UNDERGROUND CONDUCTORS AND DEVICES 388.00 UNDERGROUND CONDUCTORS AND DEVICES	TOTAL TRANSMISSION PLANT DISTRIBUTION PLANT	981.00 STRUCTURES AND IMPROVEMENTS 982.00 STATION EQUIPMENT 984.00 OVERHEAD CONDUCTORS AND DEVICES 986.00 OVERHEAD CONDUCTORS AND DEVICES 986.00 UNDERGROUND CONDUCTORS AND DEVICES 988.00 UNDERGROUND CONDUCTORS AND DEVICES 988.00 SERVICES - UNDERGROUND 989.20 SERVICES - OVERHEAD 970.00 METERS - AMS 970.11 METERS - AMS 970.11 METERS - AMS 971.11 METERS - AMS 973.12 INSTALLATIONS ON CUSTOMERS' PREMISES - EV CHARGING STATIONS 973.31 STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND 973.32.20 STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND 973.32.20 STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND	GENERAL PLANT TRANSPORTATION EQUIPMENT 392.00 CARS AND LIGHTTRUCKS 392.10 HEAYY TRUCKS AND OTHER 392.20 TRAILERS	TOTAL TRANSPORTATION EQUIPMENT	394.00 TOOLS, SHOP AND GARAGE EQUIPMENT
				35. 35. 35. 35. 35. 35. 35.		36. 36. 36. 36. 36. 36. 37. 37. 37. 37. 37. 37. 37.	397 392 392		367



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 39, 2020

COMPOSITE REMAINING LIFE	(/)/(9)=(6)	18.8 15.2		2.0																				
ACCRUAL RATE	(8)=(1)/(4)	2.39	2.39	16.17	7.92	4.44																		
CALCULATED ANNUAL ACCRUAL ACCRU AMOUNT REATE	S	55,442 4,775	60,217	1,100,106	1,992,918	269,049,257																		269,049,257
FUTURE ACCRUALS	(9)	1,043,637 72,755	1,116,392	2,200,357	12,884,426	5,544,969,624																		5,544,969,624
BOOK DEPRECIATION RESERVE	(c)	1,278,425	1,401,918	4,603,782	12,264,355	1,861,184,548					3,037,955	38,876,592		32,209		7,683	20,029	CAR	2,049	47,993		48,370 13,272	42,086,652	1,903,271,200
ORIGINAL	(4)	2,322,061.60	2,518,309.84	6,804,139.35	25,148,780.37	6,063,091,073.47		2,240.29	10,220,199.63	360,851.26	11,122,918.63	49,105,299.46	6.50	289,910.63	406,526.20	15,555.48	96,428.56	2,556,362.69	10,221.20	122,340.23	4,117,002.41	129,242.11 47,995.12	78,669,160.48	6,141,760,233.95
NET SALVAGE PERCENT	(9)	00		0																				
SURVIVOR	(7)	22-S1 23-S1		10-SQ																				
PROBABLE RETIREMENT DATE	(2)																							
ACCOUNT	(r)	POWER OPERATED EQUIPMENT 0 LARGE MACHINERY 10 OTHER	TOTAL POWER OPERATED EQUIPMENT	O COMMUNICATION EQUIPMENT - DSM	TOTAL GENERAL PLANT	TOTAL DEPRECIABLE PLANT	NONDEPRECIABLE PLANT	· .		_					_	_		C LAND				15 ARO DISTRIBUTION (L/B) 17 ARO DISTRIBUTION (EQUIPMENT)	TOTAL NONDEPRECIABLE PLANT	TOTAL ELECTRIC PLANT
		396.10 396.20		397.20				301.00	310.20	310.26	317.07	317.08	330.20	337.07	340.20	347.05	347.07	350.20	0000.10	359.17	300.20	374.05		

^{*} LIFE SPAN PROCEDURE IS USED. CURVE SHOWN IS INTERIM SURVIVOR CURVE
** ANNUAL DEPRECIATION EXPENSE SHOWN WILL BE BOOKED UNTIL JULY 1, 2021, THEN THE FOLLOWING RATE WILL BE APPLIED UNTIL THE END OF THE LIFE FOR THE ASH POND

ASH POND LOCATION	RATE
	7 00
TRIMBLE COUNTY UNIT 1 ASH POND	1.79
I KIMBLE COUNTY ON I 2 ASH POND	7.7.

^{***} NEW AMI SOFTWARE RELATED ASSETS PLACED IN SERVICE AFTER JUNE 30, 2020 WILL HAVE A LIFE OF 15 YEARS AND A RATE OF 6.67%

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

TABLE 2. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE

	AND CALCULATED A	NNUAL DEPRECI	ATION ACCRUAL	S RELATED TO GAS I	AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO GAS PLANT AS OF JUNE 30, 2020	, 2020			
	ACCOUNT	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST	BOOK DEPRECIATION RESERVE	FUTURE	CALCULATED ANNUAL ACCRUAL ACCRU AMOUNT RATE	ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(2)	(9)	(7)	(8)=(7)/(4)	(2)/(9)=(6)
	DEPRECIABLE PLANT								
	INTANGIBLE PLANT								
302.00	FRANCHISES AND CONSENTS	20-SQ	0	387.49	329	58	46	11.87	1.3
	TOTAL INTANGIBLE PLANT			387.49	329	28	46	11.87	
	PRODUCTION PLANT								
350.20 351.20	RIGHTS OF WAY COMPRESSOR STATION STRUCTURES	65-R4 60-R2.5	0 (20)	101,212.49 10,661,701.18	71,823 1,998,541	29,389 10,795,500	554 210,995	0.55	53.0 51.2
351.30 351.40	MEASURING AND REGULATING STATION STRUCTURES OTHER STRUCTURES	65-R3 65-R2.5	(5) (20)	33,043.05 7,456,402.54	17,428 1,269,470	17,267 7,678,213	311 135,132	0.94	55.5 56.8
352.10 352.20	STORAGE LEASEHOLDS AND RIGHTS RESERVOIRS	75-R4 65-R4	0 0	548,241.14 400,511.40	548,241 400,511	0 0	0 0		
352.30	NONRECOVERABLE NATURAL GAS WELL DRILLING	50-SQ 65-R2.5	0 (20)	9,648,855.00 5.843,091,23	8,531,757 1,625,458	1,117,098	73,252 163,256	0.76	15.3
352.50	WELL EQUIPMENT	45-R0.5	(20)	16,339,761.29	1,585,810	22,923,832	639,442	3.91	35.8
354.00	COMPRESSOR STATION EQUIPMENT MEASTIBING AND PECTITION ATING EQUIPMENT	45-R1.5	(15)	67,101,600.61 2,738,639.03	11,327,315	65,839,526	1,705,668	2.54 2.54 2.66	- 98.6 98.6 0.06
356.00 357.00	PURIFICATION EQUIPMENT OTHER EQUIPMENT	49-R2 47-R2	(30) (10)	27,989,048.00 4,967,137.16	7,380,361 823,728	29,005,401 4,640,123	715,616 716,840	2.56	40.5 39.7
	TOTAL PRODUCTION PLANT			182,008,764.33	46,076,770	175,790,992	4,440,941	2.44	
	TRANSMISSION PLANT								
365.20	RIGHTS OF WAY MAINS	75-R4 65-R2.5	0 (40)	220,659.05	211,882	8,777	247	0.11	35.5 52.6
	TOTAL TRANSMISSION PLANT			60,425,441.73	14,631,914	69,875,441	1,329,712	2.20	
	DISTRIBUTION PLANT								
374.22 375.10 375.20	OTHER DISTRIBUTION LAND RIGHTS STRUCTURES AND IMPROVEMENTS - CITY GATE STATION STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION	75-S3 50-R3 42-L1.5	0 (20) (20)	74,018.23 519,543.44 765,267.96	74,018 113,048 352,566	0 510,404 565,756	0 14,437 18,878	2.78	35.4 30.0
376.00 378.00	MAINS MEASURING AND REGULATING STATION EQUIPMENT - GENERAL	67-R2.5 43-S0	(40) (20)	443,944,388.29 30,245,523.95	150,266,657 2,928,855	471,255,487 33,365,774	9,180,586	2.07	51.3 35.9
379.00	MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE SERVICES	37-S0 46-S0	(40)	13,757,154.12	1,546,565	17,713,451 555,652,342	593,727 14,259,475	4.32	29.8
381.00 383.00 385.00	METERS HOUSE REGULATORS INDITISTIBIAL MEASURING AND BEGILI ATING STATION EQUIDMENT	26-R2.5 31-S1.5	(10) (10)	64,031,905.62 27,563,936.65 1,181,462,74	14,714,042 7,992,049 228,237	55,721,054 22,328,281 1,042,299	3,368,120 1,039,520 28,136	5.26 3.77 2.38	16.5 21.5
387.00	INDOSTINAL MEASONING AND REGOLATING STATION EQUIPMENT OTHER EQUIPMENT	42-R2.5	6)0	51,112.34	31,137	19,975	836	1.64	23.9
	TOTAL DISTRIBUTION PLANT			1,031,593,405.17	319,256,424	1,158,144,823	29,434,402	2.85	



LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

TABLE 2. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO GAS PLANT AS OF JUNE 30, 2020

	AND CALCULATED AP	NNUAL DEPRECI	ATION ACCRUAL	S RELATED TO GAS F	AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO GAS PLANT AS OF JUNE 30, 2020	, 2020			
	ACCOUNT	SURVIVOR	NET SALVAGE PERCENT	ORIGINAL COST	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL ACCRU AMOUNT RATE	ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(2)	(9)	(7)	(8)=(7)/(4)	(2)/(9)=(6)
	GENERAL PLANT								
392.00 392.10 392.20	TRANSPORTATION EQUIPMENT CARS AND LIGHT TRUCKS HEAVY TRUCKS AND OTHER TRAILERS	10-S2 11-L3 17-S2	000	87,402.64 1,286,045.28 719,020.36	24,371 669,643 238,794	63,032 616,402 480,226	10,394 111,860 46,307	11.89 8.70 6.44	6.1 5.5 10.4
	TOTAL TRANSPORTATION EQUIPMENT			2,092,468.28	932,808	1,159,660	168,561	8.06	
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT	25-SQ	0	8,021,468.81	3,033,641	4,987,828	291,463	3.63	17.1
396.10 396.20	POWER OPERATED EQUIPMENT LARGE MACHINERY OTHER	15-L2.5 24-L1.5	0 0	4,474,881.12 426,114.76	1,839,143 146,077	2,635,738	230,955 13,690	5.16	11.4
	TOTAL POWER OPERATED EQUIPMENT			4,900,995.88	1,985,220	2,915,776	244,645	4.99	
	TOTAL GENERAL PLANT			15,014,932.97	5,951,669	9,063,264	704,669	4.69	
	TOTAL DEPRECIABLE PLANT			1,289,042,931.69	385,917,106	1,412,874,578	35,909,770	2.79	
	NONDEPRECIABLE PLANT								
350.10 358.05 358.07 372.07 374.12 374.13	LAND ARO COST GAS UNDERGROUND STORAGE (L/B) ARO COST GAS UNDERGROUND STORAGE (EQUIPMENT) ARO COST GAS TRANSMISSION (EQUIPMENT) LAND LAND ARO COST GAS DISTRIBUTION (EQUIPMENT)			250,794.93 27,867.81 6,321,102.16 2,650,692.06 60,478.68 584,511.54 16,218,933.27	2.619 1,148,494 466,639 2,045,124				
	TOTAL NONDEPRECIABLE PLANT			26,114,380.45	3,662,876				
	TOTAL GAS PLANT			1,315,157,312.14	389,579,982	1,412,874,578	35,909,770		

LOUISVILLE GAS AND ELECTRIC COMPANY COMMON PLANT

TABLE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO COMMON PLANT AS OF JUNE 30, 2020

COMPOSITE REMAINING LIFE (10)=(7)/(8)		2.8			27.6 14.7 33.6 36.5 38.2		4.71 8.7 2.6 2.1 4.5		8.2 8.6 21.4		19.7	20.4		16.5			
ACCRUAL RATE (9)=(8)/(5)		18.32	16.85		2.55 5.90 1.28 2.37 1.70	2.40	1.87 5.16 28.05 27.16	21.61	12.06 3.65 4.30	6.55	3.84	3.10	3.06	1.54	3.62	7.40	10.38
CALCULATED ANNUAL ACCRUAL ACCRU AMOUNT RATE (8) (9)=(8)/(11,969,988 1,701,152	13,671,140		1,921,210 23,589 132,517 24,546 18,676	2,120,538	150,930 75,142 6,975,135 2,027,773 13,936	9,242,916	20,019 9,483 3,070	32,572	25,202 157,205	20,123 614	20,737	320,989 1,100,961	1,421,950	13,021,120	26,692,260
FUTURE ACCRUALS (7)		33,765,866 9,694,371	43,460,237		53,071,897 346,461 4,454,371 896,690 713,695	59,483,114	2,628,544 650,362 17,878,135 4,182,952 62,949	25,402,942	164,962 81,194 65,735	311,891	495,640 1,773,134	409,632 14,113	423,745	5,292,826 6,739,782	12,032,608	99,923,074	143,383,311
BOOK DEPRECIATION RESERVE (6)		31,589,816 6,073,346	37,663,162		29,728,127 73,127 6,974,369 243,710 440,999	37,460,332	5,437,621 805,212 6,984,838 3,284,420 847,299	17,359,390	1,049 178,324 5,712	185,085	161,182 2,162,704	238,802 15,284	254,086	15,592,101 11,669,018	27,261,119	84,843,898	122,507,060
ORIGINAL COST (5)		65,355,681.53 15,767,717.37	81,123,398.90		75,272,749.38 399,608.09 10,389,763.80 1,036,727.70 1,099,708.47	88,198,557.44	8,066,164.67 1,455,574.38 24,862,973.13 7,467,372.23 910,248.45	42,762,332.86	166,011.37 259,518.33 71,447.10	496,976.80	656,822.21 3,935,838.16	648,434.25 29,397.49	677,831.74	20,884,926.69 18,408,799.69	39,293,726.38	176,022,085.59	257,145,484.49
NET SALVAGE PERCENT (4)		0 0			(10) (10) (10) (10)		00000		000		0 0	00		00	•	,	II.
SURVIVOR CURVE (3)		5-SQ SQUARE			40-S0.5 30-L1 55-R2.5 45-R1 55-R4		20-5Q 15-5Q 5-SQ 4-SQ 10-SQ		9-S2.5 13-S1 26-S0		25-SQ 25-SQ	26-S2 24-L2.5		20-L2.5 10-SQ			
PROBABLE RETIREMENT DATE (2)		12-2027															
ACCOUNT (1)	DEPRECIABLE PLANT INTANGIBLE PLANT	00 COMPUTER SOFTWARE 10 CCS SOFTWARE	TOTAL INTANGIBLE PLANT	GENERAL PLANT	STRUCTURES AND IMPROVEMENTS 10 GENERAL OFFICE 20 TRANSPORTATION 30 STORES 40 SHOPS 60 MICROWAVE	TOTAL STRUCTURES AND IMPROVEMENTS	OFFICE FURNITURE AND EQUIPMENT 10 FURNITURE 20 EQUIPMENT 31 COMPUTER EQUIPMENT 41 SECURITY EQUIPMENT	TOTAL OFFICE FURNITURE AND EQUIPMENT	TRANSPORTATION EQUIPMENT 00 CARS AND LIGHT TRUCKS 10 HEAVY TRUCKS AND OTHER 20 TRAILERS	TOTAL TRANSPORATION EQUIPMENT	00 STORES EQUIPMENT 00 TOOLS, SHOP AND GARAGE EQUIPMENT	POWER OPERATED EQUIPMENT 10 LARGE MACHINERY 20 OTHER	TOTAL POWER OPERATED EQUIPMENT	COMMUNICATION EQUIPMENT 00 MICROWAVE, FIBER AND OTHER 10 RADIO AND TELEPHONE	TOTAL COMMUNICATION EQUIPMENT	TOTAL GENERAL PLANT	TOTAL DEPRECIABLE PLANT
		303.00			390.10 390.20 390.30 390.40 390.60		391.10 391.20 391.30 391.31		392.00 392.10 392.20		393.00 394.00	396.10 396.20		397.00 397.10			



LOUISVILLE GAS AND ELECTRIC COMPANY COMMON PLANT

TABLE 3. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO COMMON PLANT AS OF JUNE 30, 2020

COMPOSITE REMAINING LIFE					
ACCRUAL RATE	(6)=(8)/(2)				
CALCULATED ANNUAL ACCRUAL ACCRUAL AMOUNT RATE	(8)				26,692,260
FUTURE	(2)				143,383,311
BOOK DEPRECIATION RESERVE	(9)				122,507,060
ORIGINAL	(5)	00 000	1,564,394.37	1,648,176.66	258,793,661.15
NET SALVAGE PERCENT	(4)		•		•
SURVIVOR CURVE	(3)				
PROBABLE RETIREMENT DATE	(2)				
ACCOUNT	(1) MANINEEDECTARE EN ANT	NO COCO		TOTAL NONDEPRECIABLE PLANT	TOTAL COMMON PLANT
		50	389.10		

* CCS SOFTWARE IS DEPRECIATED WITH A FINAL RETIREMENT DATE OF DECEMBER 31, 2027



PART VII. SERVICE LIFE STATISTICS

ELECTRIC PLANT



LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNTS 311 AND 311.2 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES

120 ■ 1985-2019 EXPERIENCE 1954-2019 PLACEMENTS ORIGINAL CURVE = 1954-2019 EXPERIENCE 100 IOWA 95-R2. 8 AGE IN YEARS 4 20 <u></u> 100 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ SURVIVING

ACCOUNTS 311 AND 311.2 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1954-2019		EXPER	RIENCE BAN	D 1954-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	553,258,147 412,961,712 409,563,040 387,604,120 385,032,980 377,791,955 368,279,375 359,454,075 355,528,905 337,907,491	2,378 2,292,428 6,033 351,724 326,699 554,806 94,947 194,252 357,601	0.0000 0.0000 0.0056 0.0000 0.0009 0.0009 0.0015 0.0003 0.0005 0.0011	1.0000 1.0000 0.9944 1.0000 0.9991 0.9991 0.9985 0.9997 0.9995 0.9989	100.00 100.00 100.00 99.44 99.35 99.26 99.11 99.09 99.03
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	337,787,552 332,684,373 330,719,298 327,046,373 327,214,930 326,093,831 323,600,833 320,299,258 317,319,783 313,878,208	890,814 333,179 420,229 349,658 448,080 1,056,291 573,233 36,351 117,644 13,466	0.0026 0.0010 0.0013 0.0011 0.0014 0.0032 0.0018 0.0001 0.0004 0.0000	0.9974 0.9990 0.9987 0.9989 0.9986 0.9968 0.9999 0.9999	98.93 98.67 98.57 98.44 98.34 98.20 97.88 97.71 97.70
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	268,123,070 267,718,361 265,449,570 263,464,462 259,183,913 253,202,967 256,803,504 251,353,177 251,825,084 252,067,010	161,505 311,383 242,318 209,903 544,897 343,618 47,649 174,456 216,311 521,409	0.0006 0.0012 0.0009 0.0008 0.0021 0.0014 0.0002 0.0007 0.0009 0.0021	0.9994 0.9988 0.9991 0.9992 0.9979 0.9986 0.9998 0.9993 0.9991	97.66 97.60 97.49 97.40 97.32 97.12 96.98 96.97 96.90 96.82
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	155,533,143 150,729,909 180,213,705 171,276,007 152,047,934 140,931,661 102,269,827 94,123,649 52,434,803 51,788,010	215,544 923,828 809,091 882,501 865,359 22,276 215,989 174,746 51,083 199,737	0.0014 0.0061 0.0045 0.0052 0.0057 0.0002 0.0021 0.0019 0.0010 0.0039	0.9986 0.9939 0.9955 0.9948 0.9943 0.9998 0.9979 0.9981 0.9990 0.9961	96.61 96.48 95.89 95.46 94.97 94.43 94.41 94.21 94.04 93.95

ACCOUNTS 311 AND 311.2 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2019 EXPERIENCE BAND 1954				D 1954-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	50,881,494 59,911,107 48,913,778 47,886,670 49,458,973 38,919,244 41,060,389 35,515,644 19,668,814 21,203,371	71,655 67,352 52,860 171,244 153,984 34,661 367 108,304	0.0014 0.0011 0.0011 0.0036 0.0031 0.0009 0.0000 0.0030 0.0000	0.9986 0.9989 0.9989 0.9964 0.9969 0.9991 1.0000 0.9970 1.0000 0.9994	93.58 93.45 93.35 93.25 92.91 92.62 92.54 92.54 92.26 92.26
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	14,804,009 14,808,546 16,597,280 14,365,127 11,276,007 11,263,747 9,448,869 11,398,967 8,011,280 8,010,985	780 520 742	0.0001 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000 0.0000 0.0000	0.9999 1.0000 1.0000 0.9999 1.0000 1.0000 1.0000 1.0000	92.21 92.20 92.20 92.20 92.20 92.19 92.19 92.19 92.19 92.19
59.5 60.5 61.5 62.5 63.5	7,135,308 6,822,233 2,824,091 2,824,091 1,639,190		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	92.19 92.19 92.19 92.19 92.19



64.5

ACCOUNTS 311 AND 311.2 STRUCTURES AND IMPROVEMENTS

PLACEMENT I	BAND 1954-2019		EXPE	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	414,468,873 277,990,721 285,940,140 294,431,903 301,016,220 298,972,542 290,862,240 303,427,799 301,155,649 284,390,715	741 2,278,503 1,815 157,352 274,254 272,378 91,067 179,395 334,211	0.0000 0.0000 0.0080 0.0000 0.0005 0.0009 0.0009 0.0003 0.0006 0.0012	1.0000 1.0000 0.9920 1.0000 0.9995 0.9991 0.9997 0.9994 0.9988	100.00 100.00 100.00 99.20 99.20 99.15 99.06 98.97 98.94 98.88
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	285,268,932 291,146,681 290,987,771 303,250,408 303,545,557 302,668,585 305,676,880 302,399,935 300,156,115 300,826,233	842,068 325,659 173,614 302,386 442,048 959,459 573,233 28,275 115,644 9,508	0.0030 0.0011 0.0006 0.0010 0.0015 0.0032 0.0019 0.0001 0.0004 0.0000	0.9970 0.9989 0.9994 0.9990 0.9985 0.9968 0.9981 0.9999 0.9996	98.76 98.47 98.36 98.30 98.20 98.06 97.75 97.57 97.56 97.52
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	255,082,254 254,700,272 252,453,582 253,778,109 249,503,065 243,522,378 247,126,772 245,085,733 245,559,935 247,880,949	161,505 310,892 242,318 205,750 544,897 341,928 47,432 172,456 216,311 521,409	0.0006 0.0012 0.0010 0.0008 0.0022 0.0014 0.0002 0.0007 0.0009 0.0021	0.9994 0.9988 0.9990 0.9992 0.9978 0.9986 0.9998 0.9993 0.9991	97.52 97.45 97.34 97.24 97.16 96.95 96.82 96.80 96.73 96.64
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	151,347,082 150,729,909 180,213,705 171,276,007 152,047,934 140,931,661 102,269,827 94,123,649 52,434,803 51,788,010	215,544 923,828 809,091 882,501 865,359 22,276 215,989 174,746 51,083 199,737	0.0014 0.0061 0.0045 0.0052 0.0057 0.0002 0.0021 0.0019 0.0010 0.0039	0.9986 0.9939 0.9955 0.9948 0.9943 0.9998 0.9979 0.9981 0.9990 0.9961	96.44 96.30 95.71 95.28 94.79 94.25 94.24 94.04 93.86 93.77



ACCOUNTS 311 AND 311.2 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2019 EXP				RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	50,881,494 59,911,107 48,913,778 47,886,670 49,458,973 38,919,244 41,060,389 35,515,644 19,668,814 21,203,371	71,655 67,352 52,860 171,244 153,984 34,661 367 108,304	0.0014 0.0011 0.0011 0.0036 0.0031 0.0009 0.0000 0.0030 0.0000	0.9986 0.9989 0.9989 0.9964 0.9969 0.9991 1.0000 0.9970 1.0000	93.41 93.28 93.17 93.07 92.74 92.45 92.37 92.37 92.09 92.09
49.5 50.5 51.5	14,804,009 14,808,546 16,597,280	780 520	0.0001 0.0000 0.0000	0.9999 1.0000 1.0000	92.03 92.03 92.03
52.5 53.5 54.5 55.5 56.5 57.5 58.5	14,365,127 11,276,007 11,263,747 9,448,869 11,398,967 8,011,280 8,010,985	742	0.0000 0.0001 0.0000 0.0000 0.0000 0.0000	1.0000 0.9999 1.0000 1.0000 1.0000 1.0000	92.03 92.03 92.02 92.02 92.02 92.02 92.02
59.5 60.5 61.5 62.5 63.5	7,135,308 6,822,233 2,824,091 2,824,091 1,639,190		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	92.02 92.02 92.02 92.02 92.02



64.5

▲ 1985-2019 EXPERIENCE 1952-2019 PLACEMENTS ORIGINAL CURVE = 1952-2019 EXPERIENCE 2000-2019 EXPERIENCE 1954-2019 PLACEMENTS 100 IOWA 57-R1 ORIGINAL AND SMOOTH SURVIVOR CURVES 8 ACCOUNT 312 BOILER PLANT EQUIPMENT AGE IN YEARS 4 20 _0 9 80 70 -09 50-40 30-20 10

i Gannett Fleming

LOUISVILLE GAS AND ELECTRIC COMPANY

ELECTRIC PLANT

120

РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 312 BOILER PLANT EQUIPMENT

PLACEMENT H	BAND 1952-2019		EXPE	RIENCE BAN	D 1952-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	3,171,352,588 2,904,890,927 2,876,749,750 2,827,047,407 2,476,450,369 2,008,238,751 1,646,877,634 1,587,208,834 1,554,281,373 1,370,546,820	522,376 478,025 2,803,081 9,422,053 3,216,612 23,735,180 11,673,114 10,822,319 16,934,725	0.0000 0.0002 0.0002 0.0010 0.0038 0.0016 0.0144 0.0074 0.0070	1.0000 0.9998 0.9998 0.9990 0.9962 0.9984 0.9856 0.9926 0.9930 0.9876	100.00 100.00 99.98 99.97 99.87 99.49 99.33 97.90 97.18 96.50
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	1,329,635,108 1,310,723,479 1,164,194,046 1,195,747,162 1,184,488,382 1,156,442,849 1,102,347,438 945,771,608 863,437,140 817,838,325	3,803,519 10,948,885 17,333,341 9,244,644 6,134,412 13,911,823 11,124,993 5,303,990 2,115,115 3,462,706	0.0029 0.0084 0.0149 0.0077 0.0052 0.0120 0.0101 0.0056 0.0024 0.0042	0.9971 0.9916 0.9851 0.9923 0.9948 0.9880 0.9899 0.9944 0.9976 0.9958	95.31 95.03 94.24 92.84 92.12 91.64 90.54 89.63 89.12 88.90
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	714,766,237 688,959,193 658,951,077 634,175,072 622,977,647 633,859,717 609,779,112 608,688,579 585,328,213 534,610,293	9,647,388 11,606,368 6,992,238 3,663,117 9,739,458 2,383,499 3,113,542 3,770,831 7,593,158 4,240,547	0.0135 0.0168 0.0106 0.0058 0.0156 0.0038 0.0051 0.0062 0.0130 0.0079	0.9865 0.9832 0.9894 0.9942 0.9844 0.9962 0.9949 0.9938 0.9870 0.9921	88.53 87.33 85.86 84.95 84.46 83.14 82.83 82.40 81.89 80.83
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	331,409,661 304,759,395 374,552,814 367,729,813 316,177,874 292,904,145 197,493,929 178,976,920 81,603,941 73,704,490	3,059,498 2,862,676 4,580,228 1,764,860 1,016,014 3,939,800 2,947,702 2,546,486 453,560 729,430	0.0092 0.0094 0.0122 0.0048 0.0032 0.0135 0.0149 0.0142 0.0056 0.0099	0.9908 0.9906 0.9878 0.9952 0.9968 0.9865 0.9851 0.9858 0.9944 0.9901	80.19 79.45 78.70 77.74 77.37 77.12 76.08 74.95 73.88 73.47



ACCOUNT 312 BOILER PLANT EQUIPMENT

PLACEMENT :	EXPE	RIENCE BAN	D 1952-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	67,174,301 82,998,999 64,390,405 63,986,437 63,602,686 45,784,466 45,462,096 35,492,482 13,514,219 13,045,421	1,866,440 885,562 238,846 426,749 697,379 91,243 99,519 806,047 5,147 8,777	0.0278 0.0107 0.0037 0.0067 0.0110 0.0020 0.0022 0.0227 0.0004 0.0007	0.9722 0.9893 0.9963 0.9933 0.9890 0.9980 0.9978 0.9773 0.9996 0.9993	72.74 70.72 69.97 69.71 69.24 68.48 68.35 68.20 66.65 66.62
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	7,581,647 7,572,305 7,572,026 7,571,240 1,511,128 1,495,372 1,494,811 1,494,811 985,103 985,103	52,002 279 785 6,004 561 1,471	0.0069 0.0000 0.0001 0.0008 0.0000 0.0004 0.0000 0.0010 0.0000 0.0000	0.9931 1.0000 0.9999 0.9992 1.0000 0.9996 1.0000 0.9990 1.0000	66.58 66.12 66.12 66.11 66.06 66.04 66.04 65.97 65.97
59.5 60.5 61.5	865,017 865,017		0.0000	1.0000	65.97 65.97 65.97

ACCOUNT 312 BOILER PLANT EQUIPMENT

PLACEMENT I	BAND 1952-2019		EXPE	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	2,796,151,262 2,531,519,019 2,511,596,616 2,580,100,905 2,262,516,024 1,809,491,664 1,463,848,675 1,471,926,161 1,448,161,516 1,272,204,829	521,924 473,345 2,547,100 8,201,666 3,135,044 11,286,155 11,323,664 10,232,555 16,809,367	0.0000 0.0002 0.0002 0.0010 0.0036 0.0017 0.0077 0.0077 0.0071	1.0000 0.9998 0.9998 0.9990 0.9964 0.9983 0.9923 0.9923 0.9929	100.00 100.00 99.98 99.96 99.86 99.50 99.33 98.56 97.80
9.5	1,232,374,208	3,638,452	0.0030	0.9970	95.83
10.5	1,235,023,275	10,852,407	0.0088	0.9912	95.55
11.5	1,089,096,388	17,241,639	0.0158	0.9842	94.71
12.5	1,146,967,583	9,183,191	0.0080	0.9920	93.21
13.5	1,135,909,570	5,851,467	0.0052	0.9948	92.46
14.5	1,108,996,530	13,823,912	0.0125	0.9875	91.98
15.5	1,068,021,258	11,094,501	0.0104	0.9896	90.84
16.5	912,064,041	5,263,246	0.0058	0.9942	89.89
17.5	830,485,179	2,115,115	0.0025	0.9975	89.38
18.5	793,482,146	3,455,498	0.0044	0.9956	89.15
19.5	690,428,726	9,632,484 11,540,725 6,984,435 3,656,059 9,739,458 2,383,499 3,101,829 3,763,584 7,590,201 4,240,547	0.0140	0.9860	88.76
20.5	664,899,101		0.0174	0.9826	87.52
21.5	634,997,077		0.0110	0.9890	86.00
22.5	617,971,806		0.0059	0.9941	85.06
23.5	606,817,196		0.0161	0.9839	84.55
24.5	617,708,469		0.0039	0.9961	83.20
25.5	593,676,027		0.0052	0.9948	82.88
26.5	598,469,549		0.0063	0.9937	82.44
27.5	575,160,779		0.0132	0.9868	81.92
28.5	529,282,425		0.0080	0.9920	80.84
29.5	326,081,793	3,059,498 2,862,676 4,580,228 1,764,860 1,016,014 3,939,800 2,947,702 2,546,486 453,560 729,430	0.0094	0.9906	80.19
30.5	304,719,395		0.0094	0.9906	79.44
31.5	374,512,814		0.0122	0.9878	78.70
32.5	367,729,813		0.0048	0.9952	77.73
33.5	316,177,874		0.0032	0.9968	77.36
34.5	292,904,145		0.0135	0.9865	77.11
35.5	197,493,929		0.0149	0.9851	76.07
36.5	178,976,920		0.0142	0.9858	74.94
37.5	81,603,941		0.0056	0.9944	73.87
38.5	73,704,490		0.0099	0.9901	73.46



ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1952-2019				RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	67,174,301 82,998,999 64,390,405 63,986,437 63,602,686 45,784,466 45,462,096 35,492,482 13,514,219 13,045,421	1,866,440 885,562 238,846 426,749 697,379 91,243 99,519 806,047 5,147 8,777	0.0278 0.0107 0.0037 0.0067 0.0110 0.0020 0.0022 0.0227 0.0004 0.0007	0.9722 0.9893 0.9963 0.9933 0.9890 0.9980 0.9978 0.9773 0.9996 0.9993	72.74 70.71 69.96 69.70 69.24 68.48 68.34 68.19 66.64 66.62
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	7,581,647 7,572,305 7,572,026 7,571,240 1,511,128 1,495,372 1,494,811 1,494,811 985,103 985,103	52,002 279 785 6,004 561 1,471	0.0069 0.0000 0.0001 0.0008 0.0000 0.0004 0.0000 0.0010 0.0000	0.9931 1.0000 0.9999 0.9992 1.0000 0.9996 1.0000 0.9990 1.0000	66.57 66.12 66.11 66.11 66.05 66.05 66.03 66.03 65.96
59.5 60.5	865,017 865,017		0.0000	1.0000	65.96 65.96

61.5

ACCOUNT 312 BOILER PLANT EQUIPMENT

PLACEMENT :	BAND 1954-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	2,233,556,085 2,017,895,398 2,034,340,503 2,006,452,968 1,700,612,609 1,234,654,111 877,162,743 843,980,581 820,434,901 644,411,827	519,924 473,345 2,450,282 3,038,746 1,850,980 7,054,861 5,391,075 8,796,657 11,311,629	0.0000 0.0003 0.0002 0.0012 0.0018 0.0015 0.0080 0.0064 0.0107 0.0176	1.0000 0.9997 0.9998 0.9988 0.9982 0.9985 0.9920 0.9936 0.9893 0.9824	100.00 100.00 99.97 99.95 99.83 99.65 99.50 98.70 98.07 97.02
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	853,624,446 839,657,284 719,461,528 792,264,801 804,185,466 810,615,644 758,915,709 613,678,857 637,156,065 621,930,489	2,689,529 5,094,116 10,276,382 8,103,014 4,805,674 13,312,869 7,466,384 3,967,716 1,697,228 2,818,964	0.0032 0.0061 0.0143 0.0102 0.0060 0.0164 0.0098 0.0065 0.0027 0.0045	0.9968 0.9939 0.9857 0.9898 0.9940 0.9836 0.9902 0.9935 0.9973	95.32 95.02 94.44 93.09 92.14 91.59 90.08 89.20 88.62 88.38
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	546,187,588 532,577,635 556,305,645 537,912,844 529,045,493 541,108,031 538,372,083 537,806,903 539,859,311 489,519,072	9,308,019 11,014,773 6,675,377 3,398,894 9,594,209 1,982,704 2,934,278 2,470,911 7,307,200 3,378,025	0.0170 0.0207 0.0120 0.0063 0.0181 0.0037 0.0055 0.0046 0.0135 0.0069	0.9830 0.9793 0.9880 0.9937 0.9819 0.9963 0.9945 0.9954 0.9865 0.9931	87.98 86.48 84.70 83.68 83.15 81.64 81.34 80.90 80.53 79.44
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	292,740,389 277,676,128 352,324,913 346,260,935 302,183,607 279,082,815 183,805,888 165,288,879 79,931,368 72,076,869	3,016,701 2,434,842 4,288,014 1,693,115 869,312 3,806,511 2,947,702 2,345,194 424,364 704,318	0.0103 0.0088 0.0122 0.0049 0.0029 0.0136 0.0160 0.0142 0.0053 0.0098	0.9897 0.9912 0.9878 0.9951 0.9971 0.9864 0.9840 0.9858 0.9947 0.9902	78.89 78.08 77.39 76.45 76.08 75.86 74.82 73.62 72.58 72.19

ACCOUNT 312 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

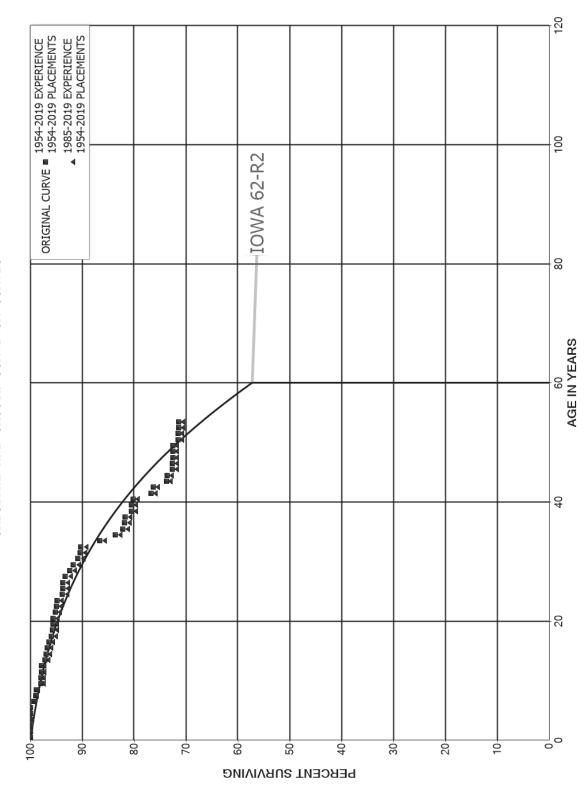
PLACEMENT BAND 1954-2019				EXPERIENCE BAND 2000-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL	
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	65,571,792 81,436,490 63,347,269 62,943,301 62,680,198 44,917,978 45,462,096 35,492,482 13,514,219 13,045,421	1,826,440 885,562 238,846 426,749 641,379 91,243 99,519 806,047 5,147 8,777	0.0279 0.0109 0.0038 0.0068 0.0102 0.0020 0.0022 0.0227 0.0004 0.0007	0.9721 0.9891 0.9962 0.9932 0.9898 0.9980 0.9978 0.9773 0.9996 0.9993	71.49 69.50 68.74 68.48 68.02 67.32 67.18 67.04 65.52 65.49	
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	7,581,647 7,572,305 7,572,026 7,571,240 1,511,128 1,495,372 1,494,811 1,494,811 985,103 985,103	52,002 279 785 6,004 561 1,471	0.0069 0.0000 0.0001 0.0008 0.0000 0.0004 0.0000 0.0010 0.0000	0.9931 1.0000 0.9999 0.9992 1.0000 0.9996 1.0000 0.9990 1.0000	65.45 65.00 65.00 64.99 64.94 64.94 64.91 64.85 64.85	
59.5 60.5	865,017 865,017		0.0000	1.0000	64.85 64.85	

61.5

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 312.1 BOILER PLANT EQUIPMENT - ASH PONDS
SMOOTH SURVIVOR CURVE

IOWA 100-S4 AGE IN YEARS | 0 -09 РЕВСЕИТ ЗИВУІУІИС

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 314 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT I	BAND 1954-2019		EXPEF	RIENCE BAN	D 1954-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	338,154,729 333,986,714 324,615,189 321,394,847 316,240,431 297,212,779 283,268,369 270,926,014 246,908,666 240,076,401	80,613 7,908 137,511 1,929,171 787,567 372,051 2,084,160	0.0000 0.0000 0.0002 0.0000 0.0000 0.0005 0.0068 0.0029 0.0015 0.0087	1.0000 1.0000 0.9998 1.0000 1.0000 0.9995 0.9932 0.9971 0.9985 0.9913	100.00 100.00 100.00 99.98 99.98 99.97 99.93 99.25 98.96 98.81
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	234,658,670 233,535,415 230,575,775 210,814,857 209,641,674 207,188,063 203,590,172 199,503,418 196,812,822 173,604,293	9,300 204,752 26,735 1,447,108 563,930 416,559 661,769 975,050 486,321 77,984	0.0000 0.0009 0.0001 0.0069 0.0027 0.0020 0.0033 0.0049 0.0025 0.0004	1.0000 0.9991 0.9999 0.9931 0.9973 0.9980 0.9967 0.9951 0.9975 0.9996	97.95 97.95 97.86 97.85 97.18 96.92 96.72 96.41 95.94
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	167,051,519 166,053,367 169,355,689 168,670,106 168,502,108 162,575,314 162,044,555 160,944,556 158,477,514 154,895,021	27,206 764,781 429,680 143,253 1,846,543 101,399 74,875 852,004 1,428,271 1,128,556	0.0002 0.0046 0.0025 0.0008 0.0110 0.0006 0.0005 0.0053 0.0090 0.0073	0.9998 0.9954 0.9975 0.9992 0.9890 0.9994 0.9995 0.9947 0.9910	95.66 95.64 95.20 94.96 94.88 93.84 93.78 93.74 93.24
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	107,174,665 106,027,972 128,856,794 128,048,266 115,828,223 111,780,807 84,987,286 76,263,992 44,695,374 44,027,084	1,044,725 455,230 277,652 5,159,144 4,034,148 1,866,742 370,514 97,824 667,693	0.0097 0.0043 0.0022 0.0403 0.0348 0.0167 0.0044 0.0013 0.0149 0.0000	0.9903 0.9957 0.9978 0.9597 0.9652 0.9833 0.9956 0.9987 0.9851 1.0000	91.73 90.83 90.44 90.25 86.61 83.59 82.20 81.84 81.74 80.51



ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT H		EXPE	RIENCE BAN	D 1954-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	44,027,084 53,872,524 40,223,471 39,939,754 38,608,943 29,017,048 27,513,318 20,965,241 11,404,278 11,403,622	163,243 2,365,992 219,895 1,311,816 101,966 377,326 234 16,941	0.0037 0.0439 0.0055 0.0328 0.0026 0.0130 0.0000 0.0008 0.0000	0.9963 0.9561 0.9945 0.9672 0.9974 0.9870 1.0000 0.9992 1.0000	80.51 80.22 76.69 76.27 73.77 73.57 72.62 72.62 72.56 72.56
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,081,646 6,039,903 6,038,207 6,010,646 686,900 686,900 686,900 119,080	84,973 14,204	0.0140 0.0000 0.0024 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9860 1.0000 0.9976 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	72.56 71.54 71.54 71.38 71.38 71.38 71.38 71.38 71.38 71.38
59.5 60.5 61.5	105,161 105,161		0.0000	1.0000	71.38 71.38 71.38

ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT I	BAND 1954-2019		EXPE	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	218,842,983 214,679,088 206,381,277 238,732,326 233,938,036 214,916,752 210,613,719 213,218,109 189,370,100 182,548,422	80,613 7,393 137,161 1,926,894 784,516 366,877 2,064,160	0.0000 0.0000 0.0004 0.0000 0.0000 0.0006 0.0091 0.0037 0.0019 0.0113	1.0000 1.0000 0.9996 1.0000 1.0000 0.9994 0.9909 0.9963 0.9981 0.9887	100.00 100.00 100.00 99.96 99.96 99.96 99.89 98.98 98.62 98.42
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	177,180,674 189,843,407 186,915,472 178,670,004 177,554,744 175,121,415 179,715,424 175,628,670 172,944,631 155,374,911	5,000 204,752 24,908 1,446,525 563,930 403,559 661,769 975,050 486,321 77,984	0.0000 0.0011 0.0001 0.0081 0.0032 0.0023 0.0037 0.0056 0.0028 0.0005	1.0000 0.9989 0.9999 0.9919 0.9968 0.9977 0.9963 0.9944 0.9972 0.9995	97.31 97.31 97.20 97.19 96.40 96.10 95.88 95.52 94.99
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	148,985,577 147,992,598 151,308,581 156,351,319 156,183,321 150,299,074 149,768,315 153,461,564 150,994,522 151,246,590	24,446 764,781 414,680 143,253 1,843,230 101,399 66,171 852,004 1,428,271 1,128,556	0.0002 0.0052 0.0027 0.0009 0.0118 0.0007 0.0004 0.0056 0.0095 0.0075	0.9998 0.9948 0.9973 0.9991 0.9882 0.9993 0.9996 0.9944 0.9905 0.9925	94.68 94.66 94.17 93.92 93.83 92.72 92.66 92.62 92.10 91.23
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	103,526,234 106,027,972 128,856,794 128,048,266 115,828,223 111,780,807 84,987,286 76,263,992 44,695,374 44,027,084	1,044,725 455,230 277,652 5,159,144 4,034,148 1,866,742 370,514 97,824 667,693	0.0101 0.0043 0.0022 0.0403 0.0348 0.0167 0.0044 0.0013 0.0149 0.0000	0.9899 0.9957 0.9978 0.9597 0.9652 0.9833 0.9956 0.9987 0.9851 1.0000	90.55 89.64 89.25 89.06 85.47 82.50 81.12 80.77 80.66 79.46



ACCOUNT 314 TURBOGENERATOR UNITS

PLACEMENT BAND 1954-2019				RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	44,027,084 53,872,524 40,223,471 39,939,754 38,608,943 29,017,048 27,513,318 20,965,241 11,404,278 11,403,622	163,243 2,365,992 219,895 1,311,816 101,966 377,326 234 16,941	0.0037 0.0439 0.0055 0.0328 0.0026 0.0130 0.0000 0.0008 0.0000	0.9963 0.9561 0.9945 0.9672 0.9974 0.9870 1.0000 0.9992 1.0000	79.46 79.16 75.69 75.27 72.80 72.61 71.66 71.66 71.60
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,081,646 6,039,903 6,038,207 6,010,646 686,900 686,900 686,900 119,080	84,973 14,204	0.0140 0.0000 0.0024 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9860 1.0000 0.9976 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	71.60 70.60 70.60 70.44 70.44 70.44 70.44 70.44 70.44
59.5 60.5 61.5	105,161 105,161		0.0000	1.0000	70.44 70.44 70.44



LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES

120 ▲ 1985-2019 EXPERIENCE 1954-2019 PLACEMENTS ORIGINAL CURVE = 1954-2019 EXPERIENCE 2000-2019 EXPERIENCE 1954-2019 PLACEMENTS 100 **IOWA 70-R3** 8 AGE IN YEARS 4 2 _0 100 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT I	BAND 1954-2019		EXPER	RIENCE BAN	D 1954-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	246,824,321 245,943,570 244,408,350 242,596,227 226,244,869 196,998,691 184,930,153 184,009,454 181,891,564 171,745,632	298 2,203 45,128 146,910 35,225 110,294 33,426 126,221 155,507	0.0000 0.0000 0.0000 0.0002 0.0006 0.0002 0.0006 0.0002	1.0000 1.0000 1.0000 0.9998 0.9994 0.9998 0.9998 0.9998 0.9993	100.00 100.00 100.00 100.00 99.98 99.92 99.90 99.84 99.82 99.75
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	173,031,683 172,279,096 170,901,761 170,517,776 170,679,680 170,502,324 171,377,721 171,032,316 167,328,992 157,180,812	25,524 627,461 142,581 743,699 385,262 403,792 208,367 200,704 31,390 476,301	0.0001 0.0036 0.0008 0.0044 0.0023 0.0024 0.0012 0.0012 0.0002	0.9999 0.9964 0.9992 0.9956 0.9977 0.9976 0.9988 0.9988 0.9998	99.66 99.65 99.28 99.20 98.77 98.54 98.31 98.19 98.08 98.06
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	137,770,869 137,715,572 134,757,149 132,188,703 131,056,354 129,852,315 126,960,949 127,501,839 127,853,651 127,818,776	22,428 2,319,229 160,604 70,910 299,331 463,342 38,689 479,074 1,017,049 180,618	0.0002 0.0168 0.0012 0.0005 0.0023 0.0036 0.0003 0.0038 0.0080 0.0014	0.9998 0.9832 0.9988 0.9995 0.9977 0.9964 0.9997 0.9962 0.9920 0.9986	97.76 97.74 96.10 95.98 95.93 95.71 95.37 95.34 94.98 94.23
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	81,172,461 80,082,449 95,045,085 93,458,266 84,902,008 77,143,331 54,646,062 52,307,867 23,957,185 20,640,393	15,097 350,347 1,066,776 48,886 779,366 67,797 18,932 74,369	0.0002 0.0044 0.0112 0.0005 0.0092 0.0009 0.0003 0.0014 0.0000 0.0010	0.9998 0.9956 0.9888 0.9995 0.9908 0.9991 0.9997 0.9986 1.0000 0.9990	94.10 94.08 93.67 92.62 92.57 91.72 91.64 91.60 91.47



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2019 EXPERIENCE BAND 1954-2				D 1954-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	19,655,717 23,157,622 19,331,225 19,275,234 19,319,723 13,918,181 13,486,517 11,536,758 6,826,685 6,507,783	67,907 61,581 54,105 133,315 50,739 4,700 178,677 28,100 24,111	0.0035 0.0027 0.0028 0.0069 0.0026 0.0003 0.0132 0.0024 0.0035 0.0000	0.9965 0.9973 0.9972 0.9931 0.9974 0.9997 0.9868 0.9976 0.9965 1.0000	91.39 91.07 90.83 90.58 89.95 89.71 89.68 88.49 88.28 87.97
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	5,361,890 5,351,626 5,019,222 5,017,566 3,779,505 3,778,777 3,777,980 3,770,124 3,010,822 3,010,307	784 39,155 7,356	0.0001 0.0000 0.0000 0.0078 0.0000 0.0000 0.0019 0.0000 0.0000	0.9999 1.0000 1.0000 0.9922 1.0000 1.0000 0.9981 1.0000 1.0000	87.97 87.95 87.95 87.95 87.27 87.27 87.27 87.10 87.10
59.5 60.5	1,777,553 1,776,132		0.0000	1.0000	87.10 87.10

61.5

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT I	BAND 1954-2019		EXPE	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	167,790,126 167,605,454 168,316,249 188,717,328 179,679,183 156,000,042 145,711,368 158,588,716 157,735,190 149,246,737	9,990 139,025 23,000 48,969 32,001 57,541 146,624	0.0000 0.0000 0.0000 0.0001 0.0008 0.0001 0.0003 0.0002 0.0004 0.0010	1.0000 1.0000 1.0000 0.9999 0.9992 0.9999 0.9997 0.9998 0.9996 0.9990	100.00 100.00 100.00 100.00 99.99 99.92 99.90 99.87 99.85 99.81
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	151,015,251 155,164,328 154,035,902 159,528,140 159,701,180 159,546,826 162,969,374 162,702,285 159,344,958 150,788,907	22,970 623,978 138,751 743,699 385,262 396,960 203,922 198,484 6,372 453,920	0.0002 0.0040 0.0009 0.0047 0.0024 0.0025 0.0013 0.0012 0.0000 0.0030	0.9998 0.9960 0.9991 0.9953 0.9976 0.9975 0.9988 1.0000 0.9970	99.71 99.70 99.30 99.21 98.75 98.51 98.26 98.14 98.02 98.02
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	131,412,237 131,393,534 128,447,182 127,113,809 125,988,133 124,813,385 121,922,518 123,451,722 123,804,049 125,563,253	17,890 2,308,814 146,895 70,910 299,331 463,342 38,689 479,074 1,016,805 180,618	0.0001 0.0176 0.0011 0.0006 0.0024 0.0037 0.0003 0.0039 0.0082 0.0014	0.9999 0.9824 0.9989 0.9994 0.9976 0.9963 0.9997 0.9961 0.9918 0.9986	97.72 97.71 95.99 95.88 95.83 95.60 95.25 95.22 94.85 94.07
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	78,918,359 80,082,449 95,045,085 93,458,266 84,902,008 77,143,331 54,646,062 52,307,867 23,957,185 20,640,393	15,097 350,347 1,066,776 48,886 779,366 67,797 18,932 74,369	0.0002 0.0044 0.0112 0.0005 0.0092 0.0009 0.0003 0.0014 0.0000 0.0010	0.9998 0.9956 0.9888 0.9995 0.9908 0.9991 0.9997 0.9986 1.0000 0.9990	93.93 93.91 93.50 92.45 92.40 91.56 91.48 91.44 91.31



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2019 EXPERIENCE BAND 1985-2019 RETIREMENTS PCT SURV AGE AT EXPOSURES AT BEGINNING OF BEGIN OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 19,655,717 39.5 67,907 0.0035 91.23 0.9965 40.5 61,581 23, 157, 622 0.0027 0.9973 90.91 41.5 19,331,225 54,105 90.67 0.0028 0.9972 19,275,234 42.5 133,315 0.0069 0.9931 90.42 43.5 19,319,723 50,739 0.0026 0.9974 89.79 44.5 13,918,181 4,700 0.0003 0.9997 89.56 45.5 13,486,517 178,677 0.0132 0.9868 89.53 46.5 11,536,758 28,100 0.0024 0.9976 88.34 24,111 47.5 6,826,685 0.0035 0.9965 88.12 6,507,783 14 0.0000 48.5 1.0000 87.81 49.5 5,361,890 784 0.0001 0.9999 87.81 50.5 5,351,626 0.0000 1.0000 87.80 5,019,222 87.80 51.5 0.0000 1.0000 5,017,566 52.5 39,155 0.0078 0.9922 87.80 53.5 3,779,505 1.0000 87.11 0.0000 3,778,777 87.11 54.5 0.0000 1.0000 7,356 0.0019 55.5 3,777,980 0.9981 87.11 56.5 3,770,124 0.0000 1.0000 86.94 57.5 0.0000 86.94 3,010,822 1.0000 58.5 3,010,307 86.94 0.0000 1.0000 59.5 1,777,553 0.0000 1.0000 86.94 60.5 0.0000 1.0000 86.94 1,776,132 61.5 86.94

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT F	BAND 1954-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	86,726,326 85,896,804 88,500,979 99,144,168 82,980,525 52,353,030 40,653,759 41,026,111 39,959,712 31,008,978	9,990 41,229 30,036 32,001 57,541 6,164	0.0000 0.0000 0.0000 0.0001 0.0005 0.0000 0.0007 0.0008 0.0014 0.0002	1.0000 1.0000 1.0000 0.9999 0.9995 1.0000 0.9993 0.9992 0.9986 0.9998	100.00 100.00 100.00 100.00 99.99 99.94 99.94 99.87 99.79 99.64
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	90,333,987 89,702,186 90,107,336 90,872,028 91,358,932 91,662,592 93,609,677 95,426,295 113,905,397 110,850,623	20,414 162 10,985 596,676 42,083 49,825 175,271 96,524 6,372 330,211	0.0002 0.0000 0.0001 0.0066 0.0005 0.0005 0.0019 0.0010 0.0001	0.9998 1.0000 0.9999 0.9934 0.9995 0.9995 0.9990 0.9990	99.63 99.60 99.59 98.94 98.89 98.84 98.65 98.55
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	98,396,794 100,098,567 110,580,191 109,327,332 109,175,722 108,617,987 111,001,087 111,791,768 117,800,287 118,028,005	12,890 2,286,451 11,964 55,155 6,623 25,647 102,272 765,593 63,994	0.0001 0.0228 0.0001 0.0005 0.0001 0.0000 0.0002 0.0009 0.0065 0.0005	0.9999 0.9772 0.9999 0.9995 0.9999 1.0000 0.9998 0.9991 0.9935 0.9995	98.25 98.24 96.00 95.99 95.94 95.93 95.93 95.91 95.82 95.20
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	71,973,348 72,757,415 88,239,847 86,773,563 79,559,609 71,838,011 49,377,497 47,054,090 20,089,221 16,773,157	10,097 284,760 1,066,776 879 751,767 31,303 5,800 61,237	0.0001 0.0039 0.0121 0.0000 0.0094 0.0004 0.0001 0.0013 0.0000 0.0012	0.9999 0.9961 0.9879 1.0000 0.9906 0.9999 0.9987 1.0000 0.9988	95.15 95.13 94.76 93.62 93.61 92.73 92.69 92.68 92.56



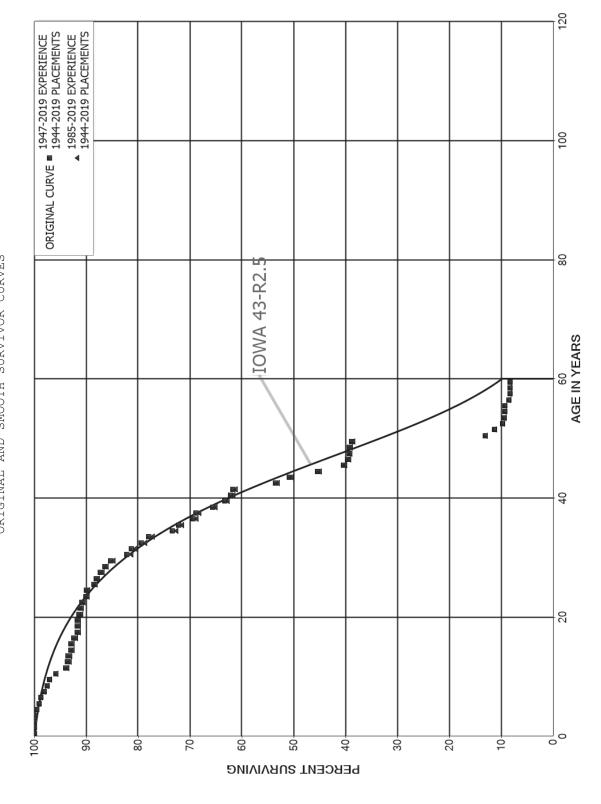
ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1954-2019 EXPERIENCE I				RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	15,789,278 19,291,684 16,245,811 16,190,334 17,534,814 12,134,693 13,486,517 11,536,758 6,826,685 6,507,783	67,907 41,143 54,105 105,234 50,739 4,700 178,677 28,100 24,111	0.0043 0.0021 0.0033 0.0065 0.0029 0.0004 0.0132 0.0024 0.0035 0.0000	0.9957 0.9979 0.9967 0.9935 0.9971 0.9996 0.9868 0.9976 0.9965 1.0000	92.45 92.05 91.86 91.55 90.95 90.69 90.66 89.46 89.24 88.92
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	5,361,890 5,351,626 5,019,222 5,017,566 3,779,505 3,778,777 3,777,980 3,770,124 3,010,822 3,010,307	784 39,155 7,356	0.0001 0.0000 0.0000 0.0078 0.0000 0.0000 0.0019 0.0000 0.0000	0.9999 1.0000 1.0000 0.9922 1.0000 1.0000 0.9981 1.0000 1.0000	88.92 88.91 88.91 88.91 88.22 88.22 88.22 88.04 88.04
59.5 60.5	1,777,553 1,776,132		0.0000	1.0000	88.04 88.04

61.5

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 316 MISCELLANEOUS POWER PLANT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT I	BAND 1944-2019		EXPER	RIENCE BAN	D 1947-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	28,712,140 27,217,942 25,215,760 23,110,642 21,964,751 21,294,570 19,792,989 18,195,991 17,481,156 14,817,103	677 2,120 8,003 94,187 108,693 63,954 109,655 111,381 60,837	0.0000 0.0000 0.0001 0.0003 0.0043 0.0051 0.0032 0.0060 0.0064	1.0000 1.0000 0.9999 0.9997 0.9957 0.9949 0.9968 0.9940 0.9936	100.00 100.00 100.00 99.99 99.95 99.53 99.02 98.70 98.10 97.48
9.5	13,879,901	171,050	0.0123	0.9877	97.08
10.5	12,777,309	250,426	0.0196	0.9804	95.88
11.5	11,466,252	52,010	0.0045	0.9955	94.00
12.5	11,356,341	12,213	0.0011	0.9989	93.58
13.5	11,383,685	59,572	0.0052	0.9948	93.48
14.5	11,328,156	1,701	0.0002	0.9998	92.99
15.5	11,136,468	69,032	0.0062	0.9938	92.97
16.5	9,951,095	70,908	0.0071	0.9929	92.40
17.5	9,392,604	2,730	0.0003	0.9997	91.74
18.5	8,749,496	1,595	0.0002	0.9998	91.71
19.5	8,429,878 7,822,253 7,836,580 7,565,481 7,047,593 6,323,260 5,808,026 5,706,034 5,453,750 4,392,481	32,442	0.0038	0.9962	91.69
20.5		14,728	0.0019	0.9981	91.34
21.5		30,482	0.0039	0.9961	91.17
22.5		62,470	0.0083	0.9917	90.81
23.5		8,160	0.0012	0.9988	90.06
24.5		100,757	0.0159	0.9841	89.96
25.5		26,743	0.0046	0.9954	88.53
26.5		55,863	0.0098	0.9902	88.12
27.5		50,546	0.0093	0.9907	87.26
28.5		59,869	0.0136	0.9864	86.45
29.5	2,650,651	97,798	0.0369	0.9631	85.27
30.5	2,462,354	24,214	0.0098	0.9902	82.12
31.5	2,243,218	54,197	0.0242	0.9758	81.32
32.5	2,095,490	37,776	0.0180	0.9820	79.35
33.5	1,866,399	109,614	0.0587	0.9413	77.92
34.5	1,613,426	25,147	0.0156	0.9844	73.34
35.5	1,434,482	55,538	0.0387	0.9613	72.20
36.5	1,330,069	10,196	0.0077	0.9923	69.41
37.5	1,287,910	60,685	0.0471	0.9529	68.87
38.5	1,193,680	41,922	0.0351	0.9649	65.63

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT E	EXPERIENCE BAND 1947-2019				
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,151,919 1,115,577 845,902 704,673 663,782 592,273 526,588 515,861 187,081 186,596	21,045 7,316 112,818 34,846 71,509 65,685 10,058 3,272 485 1,799	0.1109 0.0191 0.0063 0.0026	0.9817 0.9934 0.8666 0.9505 0.8923 0.8891 0.9809 0.9937 0.9974 0.9904	63.32 62.17 61.76 53.52 50.88 45.39 40.36 39.59 39.34 39.24
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	184,798 61,972 53,784 46,254 44,530 44,207 43,278 39,760 38,472 38,270	122,826 8,187 7,531 1,724 323 3,518 1,288	0.1321 0.1400 0.0373 0.0073 0.0000 0.0813	0.3353 0.8679 0.8600 0.9627 0.9927 1.0000 0.9187 0.9676 1.0000	38.86 13.03 11.31 9.73 9.36 9.30 9.30 8.54 8.26
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	37,214 29,806 29,104 28,982 28,982 28,871 20,131 3,223 1,634 277		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	8.26 8.26 8.26 8.26 8.26 8.26 8.26 8.26
69.5 70.5 71.5	277 277		0.0000	1.0000	8.26 8.26 8.26

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT I	BAND 1944-2019		EXPE	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	25,939,321 24,603,567 22,720,218 21,093,909 20,137,471 19,513,748 18,090,939 16,785,348 16,132,808 13,479,209	3,031 93,509 106,622 62,697 106,236 108,455 56,983	0.0000 0.0000 0.0000 0.0001 0.0046 0.0055 0.0035 0.0063 0.0067 0.0042	1.0000 1.0000 1.0000 0.9999 0.9954 0.9945 0.9965 0.9937 0.9933 0.9958	100.00 100.00 100.00 100.00 99.99 99.52 98.98 98.63 98.01 97.35
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	12,565,936 11,536,009 10,333,486 10,642,363 10,634,469 10,690,863 10,520,866 9,359,186 8,845,192 8,308,050	170,665 250,426 52,010 11,863 53,523 1,701 68,481 64,901	0.0136 0.0217 0.0050 0.0011 0.0050 0.0002 0.0065 0.0069 0.0000	0.9864 0.9783 0.9950 0.9989 0.9950 0.9998 0.9935 0.9931 1.0000 0.9999	96.94 95.62 93.55 93.08 92.97 92.50 92.49 91.89 91.25
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	7,989,617 7,400,196 7,423,730 7,222,122 6,712,205 5,990,831 5,483,627 5,427,531 5,175,247 4,134,081	32,190 14,728 26,246 62,470 8,160 93,257 26,743 55,863 50,546 59,869	0.0040 0.0020 0.0035 0.0086 0.0012 0.0156 0.0049 0.0103 0.0098 0.0145	0.9960 0.9980 0.9965 0.9914 0.9988 0.9844 0.9951 0.9897 0.9902	91.24 90.88 90.70 90.37 89.59 89.48 88.09 87.66 86.76 85.91
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,392,819 2,462,154 2,243,018 2,095,290 1,866,199 1,613,226 1,434,282 1,329,869 1,287,910 1,193,680	97,798 24,214 54,197 37,776 109,614 25,147 55,538 10,196 60,685 41,922	0.0409 0.0098 0.0242 0.0180 0.0587 0.0156 0.0387 0.0077 0.0471 0.0351	0.9591 0.9902 0.9758 0.9820 0.9413 0.9844 0.9613 0.9923 0.9529 0.9649	84.67 81.21 80.41 78.47 77.05 72.53 71.40 68.63 68.10 64.90



ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1944-2019		EXPER	RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,151,919 1,115,577 845,902 704,673 663,782 592,273 526,588 515,861 187,081 186,596	21,045 7,316 112,818 34,846 71,509 65,685 10,058 3,272 485 1,799		0.9817 0.9934 0.8666 0.9505 0.8923 0.8891 0.9809 0.9937 0.9974 0.9904	62.62 61.47 61.07 52.92 50.31 44.89 39.91 39.15 38.90 38.80
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	184,798 61,972 53,784 46,254 44,530 44,207 43,278 39,760 38,472 38,270	122,826 8,187 7,531 1,724 323 3,518 1,288	0.6647 0.1321 0.1400 0.0373 0.0073 0.0000 0.0813 0.0324 0.0000 0.0000	0.3353 0.8679 0.8600 0.9627 0.9927 1.0000 0.9187 0.9676 1.0000	38.42 12.89 11.18 9.62 9.26 9.19 9.19 8.44 8.17 8.17
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	37,214 29,806 29,104 28,982 28,982 28,871 20,131 3,223 1,634 277		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	8.17 8.17 8.17 8.17 8.17 8.17 8.17 8.17
69.5 70.5	277 277		0.0000	1.0000	8.17 8.17

71.5

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 331 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES

140 ORIGINAL CURVE = 1934-2019 EXPERIENCE 1934-2019 PLACEMENTS 120 IOWA 95-R2 100 80 AGE IN YEARS 9 20 <u></u> 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

PLACEMENT E	BAND 1934-2019		EXPEF	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	7,636,838 7,611,991 7,584,527 7,405,942 7,405,942 7,262,640 7,212,687 7,038,057 6,020,786 5,850,024	34,869 181,888	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9952 1.0000 1.0000 0.9689	100.00 100.00 100.00 100.00 100.00 100.00 100.00 99.52 99.52 99.52
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	5,668,136 5,518,689 5,508,531 5,303,866 5,303,866 4,879,057 4,879,057 4,863,568 4,862,188 4,862,188	15,488 1,380	0.0000 0.0000 0.0000 0.0000 0.0000 0.0032 0.0003 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9968 0.9997 1.0000	96.42 96.42 96.42 96.42 96.42 96.42 96.12 96.09
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	4,862,188 4,853,258 4,812,788 4,798,822 4,790,884 4,681,565 4,655,324 4,646,386 4,506,529 4,505,543	8,930 8,930 7,939 12,678 8,937 396 987 1,419	0.0018 0.0018 0.0000 0.0017 0.0000 0.0027 0.0019 0.0001 0.0002 0.0003	0.9982 0.9982 1.0000 0.9983 1.0000 0.9973 0.9981 0.9999 0.9998	96.09 95.91 95.74 95.74 95.58 95.58 95.32 95.14 95.13
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	4,504,124 4,496,510 4,488,025 4,482,285 4,479,110 4,477,910 4,474,877 4,474,877 4,462,860 4,314,646	7,614 8,485 5,740 1,200 1,694 12,016 148,214 4,588	0.0017 0.0019 0.0013 0.0000 0.0003 0.0004 0.0000 0.0027 0.0332 0.0011	0.9983 0.9981 0.9987 1.0000 0.9997 0.9996 1.0000 0.9973 0.9668 0.9989	95.08 94.92 94.74 94.62 94.62 94.59 94.55 94.55 94.30 91.17

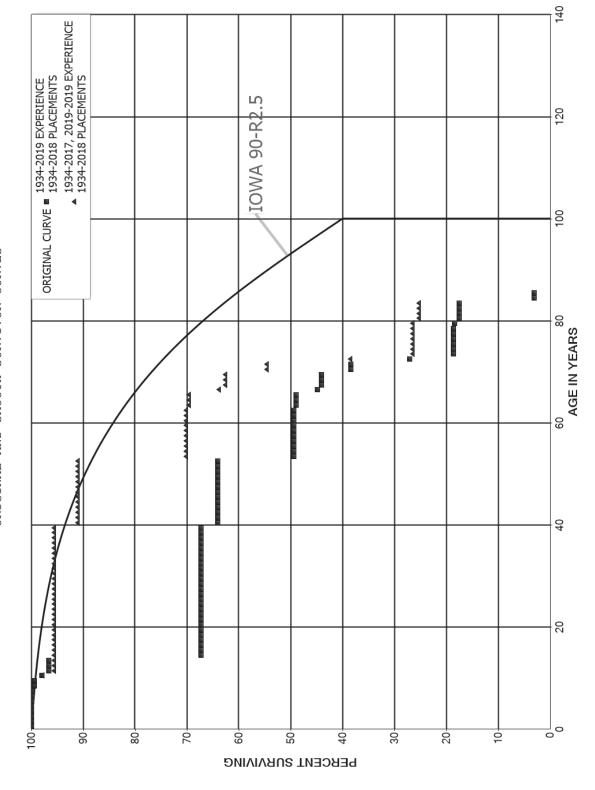
ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1934-2019		EXPEF	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	4,310,058 4,307,799 4,305,701 4,305,430 4,305,297 4,297,815 4,282,213 4,282,213 4,282,213 4,281,722	2,259 271 133 7,482	0.0005 0.0000 0.0001 0.0000 0.0017 0.0000 0.0000 0.0000 0.0001	0.9995 1.0000 0.9999 1.0000 0.9983 1.0000 1.0000 0.9999 1.0000	91.07 91.02 91.02 91.02 91.02 90.86 90.86 90.86 90.86
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	4,281,722 4,281,311 4,279,539 4,273,223 4,270,654 4,269,145 4,261,909 4,255,797 4,255,797	411 1,772 6,316 1,509 7,236 1,177	0.0001 0.0004 0.0000 0.0015 0.0000 0.0004 0.0017 0.0003 0.0000 0.0001	0.9999 0.9996 1.0000 0.9985 1.0000 0.9996 0.9983 0.9997 1.0000 0.9999	90.85 90.84 90.80 90.67 90.67 90.64 90.48 90.46
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	4,255,415 4,255,314 4,255,314 4,255,314 4,249,299 4,249,299 4,247,810 4,230,335 4,143,925 4,065,895	100 6,015 1,488 17,476 86,410 10,924 622	0.0000 0.0000 0.0000 0.0014 0.0000 0.0004 0.0041 0.0204 0.0026 0.0002	1.0000 1.0000 1.0000 0.9986 1.0000 0.9996 0.9959 0.9796 0.9974 0.9998	90.45 90.45 90.45 90.32 90.32 90.29 89.92 88.08 87.85
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	4,063,741 4,062,667 4,060,849 4,052,792 3,148,551 3,148,551 3,143,812 3,142,945 3,140,691 3,140,183	1,818 8,058 904,241 4,740 867 2,254 508 958	0.0000 0.0004 0.0020 0.2231 0.0000 0.0015 0.0003 0.0007 0.0002 0.0003	1.0000 0.9996 0.9980 0.7769 1.0000 0.9985 0.9997 0.9993 0.9998	87.83 87.83 87.79 87.62 68.07 68.07 67.97 67.95 67.90 67.89

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

PLACEMENT BAND 1934-2019 EXPERIENCE BAND 1934-2019					
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5	3,139,225 3,137,234 3,135,534 3,133,351	249 1,700 2,183	0.0001 0.0005 0.0007 0.0000	0.9999 0.9995 0.9993 1.0000	67.87 67.86 67.83 67.78
83.5 84.5 85.5	3,133,351 2,716,196	417,156	0.1331	0.8669	67.78 58.76 58.76

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT E	BAND 1934-2018		EXPE	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	21,183,937 21,183,937 19,448,792 18,054,111 17,057,627 15,900,726 13,633,147 13,402,512 11,917,293 11,455,397	73,002	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0061 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9939 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 99.39
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	11,455,397 11,296,302 9,108,840 4,683,749 4,683,749 3,258,564 156,421 156,421 156,421	159,095 155,565 1,425,185	0.0139 0.0138 0.0000 0.0000 0.3043 0.0000 0.0000 0.0000	0.9861 0.9862 1.0000 1.0000 0.6957 1.0000 1.0000 1.0000	99.39 98.01 96.66 96.66 96.66 67.25 67.25 67.25 67.25
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	67.25 67.25 67.25 67.25 67.25 67.25 67.25 67.25 67.25
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	67.25 67.25 67.25 67.25 67.25 67.25 67.25 67.25 67.25



ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT E	BAND 1934-2018		EXPER	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	156,421 149,005 149,005 149,005 149,005 149,005 149,005 149,005	7,416	0.0474 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9526 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	67.25 64.06 64.06 64.06 64.06 64.06 64.06 64.06 64.06
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	149,005 149,005 149,005 149,005 114,775 114,775 114,775 114,775 114,775	34,230	0.0000 0.0000 0.0000 0.2297 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.7703 1.0000 1.0000 1.0000 1.0000 1.0000	64.06 64.06 64.06 49.34 49.34 49.34 49.34 49.34
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	114,775 114,775 114,775 114,775 113,774 113,774 113,774 104,400 102,423 102,423	1,000 9,374 1,977	0.0000 0.0000 0.0000 0.0087 0.0000 0.0000 0.0824 0.0189 0.0000	1.0000 1.0000 1.0000 0.9913 1.0000 1.0000 0.9176 0.9811 1.0000	49.34 49.34 49.34 49.34 48.91 48.91 48.91 44.88 44.03 44.03
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	102,419 89,211 89,211 62,925 43,294 43,294 43,294 43,294 43,294	13,208 26,286 19,631	0.1290 0.0000 0.2947 0.3120 0.0000 0.0000 0.0000 0.0000 0.0000 0.0130	0.8710 1.0000 0.7053 0.6880 1.0000 1.0000 1.0000 1.0000 0.9870	44.03 38.35 38.35 27.05 18.61 18.61 18.61 18.61 18.61



ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT BAND 1934-2018 EXPERIENCE BAND					ID 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5	42,731 40,768 40,768 40,768	1,963	0.0459 0.0000 0.0000 0.0000	0.9541 1.0000 1.0000 1.0000	18.37 17.53 17.53 17.53
83.5 84.5 85.5	40,768 7,025	33,743	0.8277	0.1723 1.0000	17.53 3.02 3.02

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT	BAND 1934-2018		EXPER]	ENCE BAND	1934-2017, 2019-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	19,448,792 19,789,257 18,452,308 16,897,210 14,790,048 15,670,091 12,147,927 13,013,618 11,917,293 11,455,397	73,002	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0061 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9939 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 99.39
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	9,423,500 6,871,211 9,108,840 4,683,749 156,421 3,258,564 156,421 156,421 156,421	159,095 155,565	0.0169 0.0226 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9831 0.9774 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.39 97.71 95.50 95.50 95.50 95.50 95.50 95.50
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	156,421 156,421 156,421 156,421 156,421 156,421 156,421 156,421 156,421		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	95.50 95.50 95.50 95.50 95.50 95.50 95.50 95.50
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421 156, 421		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	95.50 95.50 95.50 95.50 95.50 95.50 95.50 95.50



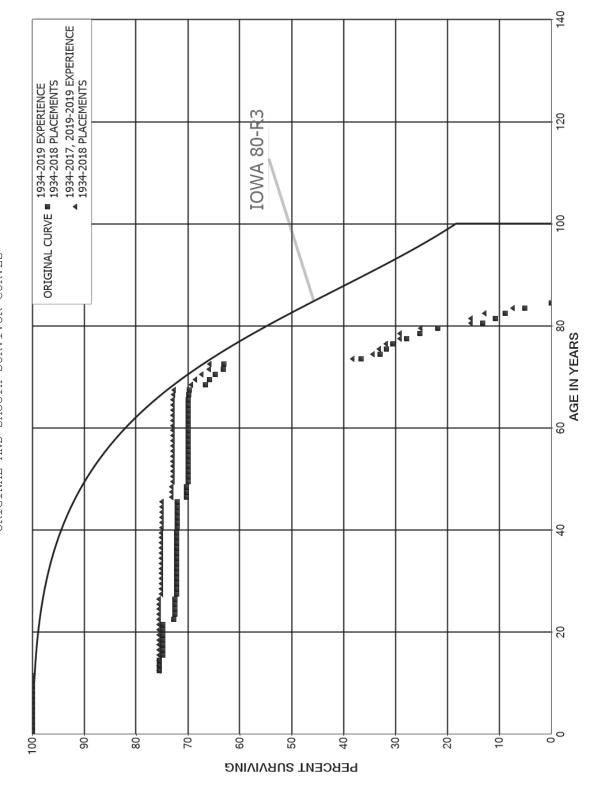
ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT 1	BAND 1934-2018		EXPER]	ENCE BAND	1934-2017, 2019-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	156,421 149,005 149,005 149,005 149,005 149,005 149,005 149,005 149,005	7,416	0.0474 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9526 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	95.50 90.97 90.97 90.97 90.97 90.97 90.97 90.97
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	149,005 149,005 149,005 149,005 114,775 114,775 114,775 114,775 114,775	34,230	0.0000 0.0000 0.0000 0.2297 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.7703 1.0000 1.0000 1.0000 1.0000	90.97 90.97 90.97 90.97 70.07 70.07 70.07 70.07 70.07
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	114,775 114,775 114,775 114,775 113,774 113,774 113,774 104,400 102,423 102,419	1,000 9,374 1,977	0.0000 0.0000 0.0000 0.0087 0.0000 0.0000 0.0824 0.0189 0.0000	1.0000 1.0000 1.0000 0.9913 1.0000 1.0000 0.9176 0.9811 1.0000	70.07 70.07 70.07 70.07 69.46 69.46 69.46 63.74 62.53
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	102,419 89,211 89,211 62,925 43,294 43,294 43,294 43,294 43,294 43,294	13,208 26,286 19,631	0.1290 0.0000 0.2947 0.3120 0.0000 0.0000 0.0000 0.0000 0.0000	0.8710 1.0000 0.7053 0.6880 1.0000 1.0000 1.0000 1.0000 1.0000	62.53 54.47 54.47 38.42 26.43 26.43 26.43 26.43 26.43 26.43

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

PLACEMENT	BAND 1934-2018		EXPERI	ENCE BAND	1934-2017, 2019-2019
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	42,731	1,963	0.0459	0.9541	26.43
80.5	40,768		0.0000	1.0000	25.22
81.5	40,768		0.0000	1.0000	25.22
82.5	40,768		0.0000	1.0000	25.22
83.5					25.22
84.5	7,025		0.0000		
85.5					

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT E	BAND 1934-2018		EXPER	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	119,812,866 119,812,866 112,575,000 95,877,501 82,584,496 68,234,128 37,984,828 37,924,846 21,170,117 20,767,468		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	20,767,468 20,767,468 11,870,285 2,627,268 2,627,268 2,446,733 2,424,457 2,293,755 2,293,755 2,293,755	22,276 2,893,525 22,276	0.0000 0.0011 0.2438 0.0000 0.0000 0.0091 0.0000 0.0000 0.0000	1.0000 0.9989 0.7562 1.0000 1.0000 0.9909 1.0000 1.0000	100.00 100.00 99.89 75.54 75.54 75.54 74.85 74.85 74.85
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,293,755 2,293,755 2,293,419 2,227,982 2,223,065 2,223,065 2,223,065 2,223,065 2,212,260 2,212,260	336 65,437 4,917	0.0000 0.0001 0.0285 0.0022 0.0000 0.0000 0.0000 0.0049 0.0000 0.0000	1.0000 0.9999 0.9715 0.9978 1.0000 1.0000 0.9951 1.0000 1.0000	74.85 74.85 74.84 72.71 72.55 72.55 72.55 72.55 72.20 72.20
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,125 2,212,125	135	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 1.0000	72.20 72.20 72.20 72.20 72.20 72.20 72.20 72.20 72.19 72.19



ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT	BAND 1934-2018		EXPER	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,212,125 2,207,798 2,207,798 2,207,798 2,207,798 2,207,798 2,207,798 2,152,224 2,152,224 2,152,224	4,328 55,574 7,705	0.0020 0.0000 0.0000 0.0000 0.0000 0.0252 0.0000 0.0036	0.9980 1.0000 1.0000 1.0000 1.0000 0.9748 1.0000 1.0000 0.9964	72.19 72.05 72.05 72.05 72.05 72.05 72.05 72.05 72.05 70.24 70.24 70.24
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,144,519 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115	404	0.0000 0.0002 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9998 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	69.98 69.98 69.97 69.97 69.97 69.97 69.97 69.97
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,141,351 2,137,166 2,040,786	2,764 4,185 96,380 22,954	0.0000 0.0000 0.0000 0.0000 0.0000 0.0013 0.0020 0.0451 0.0112	1.0000 1.0000 1.0000 1.0000 1.0000 0.9987 0.9980 0.9549 0.9888	69.97 69.97 69.97 69.97 69.97 69.97 69.88 69.74 66.60
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	2,017,832 1,982,287 1,935,942 1,932,412 1,120,841 1,008,292 972,439 933,765 853,652 775,570	35,545 46,346 3,530 811,571 112,549 35,853 38,675 80,113 78,081 107,056	0.0176 0.0234 0.0018 0.4200 0.1004 0.0356 0.0398 0.0858 0.0915 0.1380	0.9824 0.9766 0.9982 0.5800 0.8996 0.9644 0.9602 0.9142 0.9085 0.8620	65.85 64.69 63.18 63.06 36.58 32.90 31.73 30.47 27.86 25.31



ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT BAND 1934-2018 EXPERIENCE BAND 1934-2					ID 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	668,514 404,438 327,119 269,112 154,551	264,076 77,319 58,007 114,561 154,551	0.3950 0.1912 0.1773 0.4257 1.0000	0.6050 0.8088 0.8227 0.5743	21.82 13.20 10.68 8.78 5.04

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT	BAND 1934-2018		EXPER]	ENCE BAND	1934-2017, 2019-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	112,575,000 103,115,367 99,281,994 81,527,133 52,335,196 68,174,145 21,230,099 37,522,197 21,170,117 20,767,468		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	11,892,561 11,573,155 11,870,285 2,446,733 2,627,268 2,293,755 2,424,457 2,293,755 2,293,755 2,293,755	22,276 2,893,525	0.0000 0.0019 0.2438 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9981 0.7562 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 99.81 75.48 75.48 75.48 75.48 75.48 75.48
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,293,755 2,293,755 2,227,982 2,223,065 2,223,065 2,223,065 2,223,065 2,223,065 2,223,065 2,223,065 2,212,260 2,212,260	336 10,804	0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0049 0.0000 0.0000	1.0000 0.9999 1.0000 1.0000 1.0000 1.0000 0.9951 1.0000 1.0000	75.48 75.47 75.47 75.47 75.47 75.47 75.47 75.47 75.10 75.10
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,260 2,212,125 2,212,125 2,212,125		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	75.10 75.10 75.10 75.10 75.10 75.10 75.10 75.10 75.10



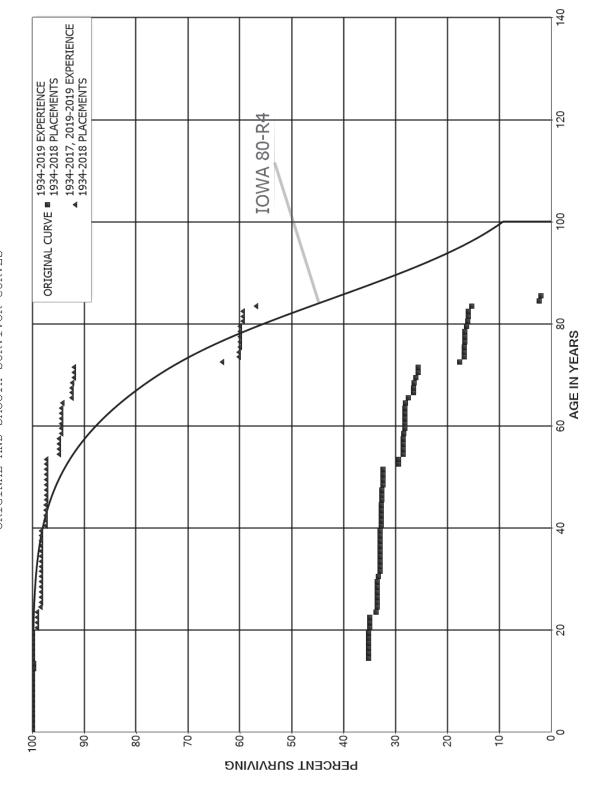
ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT	BAND 1934-2018		EXPER	ENCE BAND	1934-2017, 2019-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	2,212,125 2,207,798 2,207,798 2,207,798 2,207,798 2,207,798 2,207,798	4,328 55,574	0.0020 0.0000 0.0000 0.0000 0.0000 0.0000 0.0252	0.9980 1.0000 1.0000 1.0000 1.0000 1.0000 0.9748	75.10 74.95 74.95 74.95 74.95 74.95 74.95
46.5 47.5 48.5	2,152,224 2,152,224 2,152,224	7,705	0.0000 0.0000 0.0036	1.0000 1.0000 0.9964	73.07 73.07 73.07
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,144,519 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	72.81 72.81 72.81 72.81 72.81 72.81 72.81 72.81 72.81 72.81
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,144,115 2,141,351 2,137,166 2,040,781	2,764 4,185 96,380 22,949	0.0000 0.0000 0.0000 0.0000 0.0000 0.0013 0.0020 0.0451 0.0112	1.0000 1.0000 1.0000 1.0000 1.0000 0.9987 0.9980 0.9549 0.9888	72.81 72.81 72.81 72.81 72.81 72.81 72.81 72.71 72.71 72.57 69.30
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	2,017,832 1,978,391 1,935,942 1,932,412 1,120,841 1,008,286 972,439 933,765 775,570	35,545 42,450 3,530 811,571 112,549 35,846 38,675 80,113	0.0176 0.0215 0.0018 0.4200 0.1004 0.0356 0.0398 0.0858 0.0000 0.1380	0.9824 0.9785 0.9982 0.5800 0.8996 0.9644 0.9602 0.9142 1.0000 0.8620	68.52 67.31 65.87 65.75 38.13 34.30 33.09 31.77 29.04 29.04

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

PLACEMENT	BAND 1934-2018		EXPER]	ENCE BAND	1934-2017, 2019-2019
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	657,417	252 , 979	0.3848	0.6152	25.03
80.5	327,119		0.0000	1.0000	15.40
81.5	325,994	56,882	0.1745	0.8255	15.40
82.5	269,112	114,561	0.4257	0.5743	12.71
83.5					7.30

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT E	BAND 1934-2018		EXPE	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	9,402,474 9,402,474 9,265,252 8,473,401 7,818,337 7,111,168 5,604,193 5,604,193 4,968,791 4,849,665		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	4,849,665 4,849,665 4,763,270 4,535,559 4,535,559 1,596,391 1,585,765 1,292,915 1,292,915	11,993 2,935,313	0.0000 0.0000 0.0025 0.0000 0.6472 0.0000 0.0000 0.0000	1.0000 1.0000 0.9975 1.0000 0.3528 1.0000 1.0000 1.0000	100.00 100.00 100.00 99.75 99.75 35.19 35.19 35.19 35.19
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,292,915 2,025,478 2,025,478 2,025,478 1,949,504 1,424,231 1,423,961 1,423,961 1,423,961 1,423,961	70,088 13,510 270	0.0082 0.0000 0.0000 0.0346 0.0069 0.0002 0.0000 0.0000	0.9918 1.0000 1.0000 0.9654 0.9931 0.9998 1.0000 1.0000	35.19 34.90 34.90 34.90 33.70 33.46 33.46 33.46 33.46
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,423,961 671,485 589,926 572,933 572,933 572,933 572,933 572,933 572,933	9,287 4,898	0.0065 0.0073 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9935 0.9927 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	33.46 33.24 33.00 33.00 33.00 33.00 33.00 33.00 33.00



ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT E	BAND 1934-2018		EXPER	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5	572,933 567,648 567,648 567,495 567,495	5,285 153 407	0.0092 0.0000 0.0003 0.0000 0.0000	0.9908 1.0000 0.9997 1.0000 1.0000 0.9993	33.00 32.69 32.69 32.68 32.68 32.68
45.5 46.5 47.5 48.5	567,088 567,088 567,088 561,966	5,121	0.0000 0.0000 0.0090 0.0000	1.0000 1.0000 0.9910 1.0000	32.66 32.66 32.66 32.36
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	561,966 561,966 560,282 508,133 508,133 494,416 493,317 493,317 493,317	52,149 13,717 1,927 5,039	0.0000 0.0000 0.0931 0.0000 0.0270 0.0000 0.0000 0.0000 0.0039 0.0103	1.0000 1.0000 0.9069 1.0000 0.9730 1.0000 1.0000 0.9961 0.9897	32.36 32.36 32.36 29.35 29.35 28.56 28.56 28.56 28.56 28.45
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	486,352 486,352 486,352 486,352 485,878 484,469 475,457 457,020 452,972 452,411	473 1,409 9,012 18,437 562 5,243	0.0000 0.0000 0.0000 0.0010 0.0029 0.0186 0.0388 0.0000 0.0012 0.0116	1.0000 1.0000 1.0000 0.9990 0.9971 0.9814 0.9612 1.0000 0.9988 0.9884	28.16 28.16 28.16 28.13 28.05 27.53 26.46 26.46 26.43
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	447,168 438,700 437,688 301,427 286,076 285,111 283,013 282,939 282,858	8,468 136,261 15,351 965 2,099 74 81 4,565	0.0189 0.0000 0.3113 0.0509 0.0000 0.0034 0.0074 0.0003 0.0003	0.9811 1.0000 0.6887 0.9491 1.0000 0.9966 0.9926 0.9997 0.9997	26.12 25.62 25.62 17.65 16.75 16.75 16.69 16.57 16.56

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT BAND 1934-2018 EXPERIENCE BAND 1					ID 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5	278,293 274,387 272,972	3,905 1,415	0.0140 0.0052 0.0000	0.9860 0.9948 1.0000	16.29 16.06 15.98
82.5 83.5 84.5 85.5	272,972 261,005 38,721	11,968 222,284 5,253	0.0438 0.8516 0.1357	0.9562 0.1484 0.8643	15.98 15.28 2.27 1.96

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1934-2018		EXPER]	ENCE BAND	1934-2017, 2019-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	9,265,252 8,610,623 8,610,188 7,766,231 6,311,362 7,111,168 4,968,791 5,485,068 4,968,791 4,849,665		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	4,763,270 4,633,947 4,763,270 4,531,704 1,589,620 1,303,542 1,585,765 1,292,915 1,292,915 1,292,915	11,993	0.0000 0.0000 0.0025 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9975 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 99.75 99.75 99.75 99.75 99.75
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,292,915 2,025,478 2,019,591 1,443,627 1,949,504 1,424,231 1,423,961 1,423,961 680,771	10,626 13,510 270	0.0082 0.0000 0.0000 0.0000 0.0069 0.0002 0.0000 0.0000 0.0000	0.9918 1.0000 1.0000 0.9931 0.9998 1.0000 1.0000	99.75 98.93 98.93 98.93 98.24 98.22 98.22 98.22
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,338,014 649,593 589,926 572,933 572,933 572,933 572,933 572,933 572,933		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	98.22 98.22 98.22 98.22 98.22 98.22 98.22 98.22 98.22

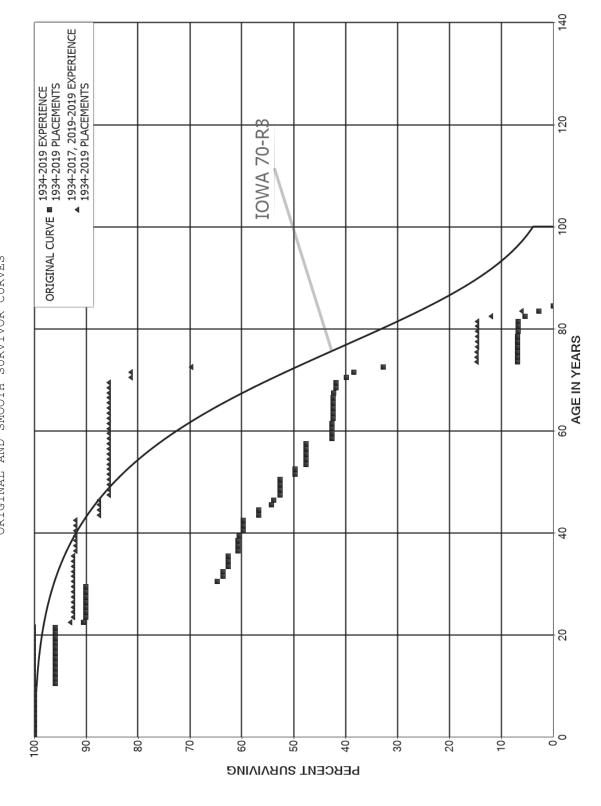
ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1934-2018		EXPER]	ENCE BAND	1934-2017, 2019-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	572,933 567,648 567,648 567,495 567,495 567,088 567,088 561,966 561,966	5,285 153 407	0.0092 0.0000 0.0003 0.0000 0.0000 0.0007 0.0000 0.0000 0.0000	0.9908 1.0000 0.9997 1.0000 1.0000 0.9993 1.0000 1.0000	98.22 97.32 97.32 97.29 97.29 97.22 97.22 97.22
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	560,282 561,966 508,133 508,133 506,475 494,416 493,317 493,317 493,281 486,352	13,158 1,890	0.0000 0.0000 0.0000 0.0000 0.0260 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9740 1.0000 1.0000 0.9962 1.0000	97.22 97.22 97.22 97.22 97.22 94.70 94.70 94.70 94.33
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	486,352 486,352 486,352 485,878 485,878 484,469 453,194 457,020 452,972 448,522	1,409 9,012 222 562 1,354	0.0000 0.0000 0.0000 0.0000 0.0029 0.0186 0.0005 0.0000 0.0012	1.0000 1.0000 1.0000 1.0000 0.9971 0.9814 0.9995 1.0000 0.9988 0.9970	94.33 94.33 94.33 94.33 94.06 92.31 92.27 92.27 92.15
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	437,688 438,700 437,688 301,427 286,076 286,076 283,216 283,013 282,858 278,293	136,261 15,351 965 204 74	0.0000 0.0000 0.3113 0.0509 0.0000 0.0034 0.0007 0.0003 0.0000	1.0000 1.0000 0.6887 0.9491 1.0000 0.9966 0.9993 0.9997 1.0000	91.87 91.87 91.87 63.27 60.05 60.05 59.85 59.79

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT	BAND 1934-2018		EXPERI	ENCE BAND	1934-2017, 2019-2019
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	276,614	2,226	0.0080	0.9920	59.79
80.5	272 , 972		0.0000	1.0000	59.31
81.5	272 , 972		0.0000	1.0000	59.31
82.5	272 , 972	11,968	0.0438	0.9562	59.31
83.5					56.71
84.5 85.5	38,721	5,253	0.1357		

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT E	BAND 1934-2019		EXPER	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	467,792 396,999 396,999 396,999 396,999 367,183 367,183 367,183		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	338,583 292,982 289,200 191,978 191,978 187,035 162,922 162,922 162,922	13,863	0.0409 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9591 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 95.91 95.91 95.91 95.91 95.91 95.91 95.91 95.91
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	162,922 162,922 162,922 153,840 118,252 118,252 118,252 118,252 118,252 118,252	9 , 082 783	0.0000 0.0000 0.0557 0.0051 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9443 0.9949 1.0000 1.0000 1.0000 1.0000	95.91 95.91 95.91 90.56 90.10 90.10 90.10 90.10 90.10
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	118,252 84,961 81,133 81,133 77,826 77,826 77,826 75,407	33,292 1,468 1,230 2,419	0.2815 0.0173 0.0000 0.0152 0.0000 0.0000 0.0311 0.0000 0.0000	0.7185 0.9827 1.0000 0.9848 1.0000 1.0000 0.9689 1.0000	90.10 64.73 63.61 63.61 62.65 62.65 62.65 60.70 60.70
38.5	75,407	284	0.0038	0.9962	60.70

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT E	BAND 1934-2019		EXPEF	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5	75,124 74,129 74,129	995	0.0132 0.0000 0.0000	0.9868 1.0000 1.0000	60.47 59.67 59.67
42.5 43.5 44.5	74,129 70,482 70,482	3,647 3,108	0.0492 0.0000 0.0441	0.9508 1.0000 0.9559	59.67 56.74 56.74
45.5 46.5 47.5	67,373 66,911 65,404	462 1,507	0.0069 0.0225 0.0000	0.9931 0.9775 1.0000	54.24 53.86 52.65
48.5	65,404 65,404		0.0000	1.0000	52.65 52.65
50.5 51.5	65,404 61,821	3,583	0.0548 0.0000	0.9452 1.0000	52.65 49.77
52.5 53.5 54.5	61,821 59,139 59,139	2 , 682	0.0434 0.0000 0.0000	0.9566 1.0000 1.0000	49.77 47.61 47.61
55.5 56.5	59,139 59,139	6.044	0.0000	1.0000 1.0000	47.61 47.61
57.5 58.5	59,139 52,895	6,244	0.1056	0.8944	47.61 42.58
59.5 60.5 61.5 62.5 63.5 64.5	52,895 52,895 52,895 52,664 52,664 52,664	231	0.0000 0.0000 0.0044 0.0000 0.0000	1.0000 1.0000 0.9956 1.0000 1.0000	42.58 42.58 42.58 42.39 42.39 42.39
65.5 66.5 67.5 68.5	52,664 52,664 52,461 52,036	203 424	0.0000 0.0039 0.0081 0.0000	1.0000 0.9961 0.9919 1.0000	42.39 42.39 42.23 41.89
69.5 70.5 71.5 72.5 73.5 74.5	52,036 49,482 47,643 40,649 8,511 8,511	2,554 1,840 6,994 32,138	0.0491 0.0372 0.1468 0.7906 0.0000 0.0000	0.9509 0.9628 0.8532 0.2094 1.0000	41.89 39.83 38.35 32.72 6.85 6.85
75.5 76.5 77.5 78.5	8,511 8,458 8,444 8,444	53 15 120	0.0062 0.0017 0.0000 0.0142	0.9938 0.9983 1.0000 0.9858	6.85 6.81 6.80 6.80



ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT BAND 1934-2019				RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	8,324 8,296 8,296 6,757 3,370	1,539 3,387 3,370	0.0033 0.0000 0.1855 0.5012 1.0000	0.9967 1.0000 0.8145 0.4988	6.70 6.68 6.68 5.44 2.71

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT	BAND 1934-2019		EXPER]	ENCE BAND	1934-2017, 2019-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	467,792 396,999 396,999 396,999 367,183 396,999 367,183 367,183 338,583 335,445		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	320,938 195,760 289,200 187,035 167,864 187,035 162,922 162,922 162,922		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	162,922 162,922 128,117 153,840 118,252 118,252 118,252 118,252 118,252 118,252	9,082 783	0.0000 0.0000 0.0709 0.0051 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9291 0.9949 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 92.91 92.44 92.44 92.44 92.44 92.44
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	82,600 83,493 79,056 79,903 77,826 77,826 75,796 75,407 75,407	389	0.0000 0.0000 0.0000 0.0000 0.0000 0.0051 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9949 1.0000 1.0000	92.44 92.44 92.44 92.44 92.44 92.44 91.96 91.96 91.96

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT E	BAND 1934-2019		EXPERI	ENCE BAND	1934-2017, 2019-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5	74,129 74,129 74,129 74,129 70,482 67,373 66,911 66,911 65,404	3,647 1,507	0.0000 0.0000 0.0000 0.0492 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9508 1.0000 1.0000 0.9775 1.0000	91.96 91.96 91.96 91.96 87.44 87.44 87.44
48.5	65,404		0.0000	1.0000	85.47
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	65,404 61,821 61,821 59,139 59,139 59,139 59,139 59,139 52,895		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	85.47 85.47 85.47 85.47 85.47 85.47 85.47 85.47 85.47
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	52,895 52,895 52,664 52,664 52,664 52,664 52,461 52,036 52,036		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	85.47 85.47 85.47 85.47 85.47 85.47 85.47 85.47 85.47
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	52,036 47,643 47,432 40,649 8,511 8,511 8,444 8,444	2,554 6,784 32,138 53	0.0491 0.0000 0.1430 0.7906 0.0000 0.0000 0.0062 0.0000 0.0000	0.9509 1.0000 0.8570 0.2094 1.0000 1.0000 0.9938 1.0000 1.0000	85.47 81.28 81.28 69.65 14.58 14.58 14.49 14.49

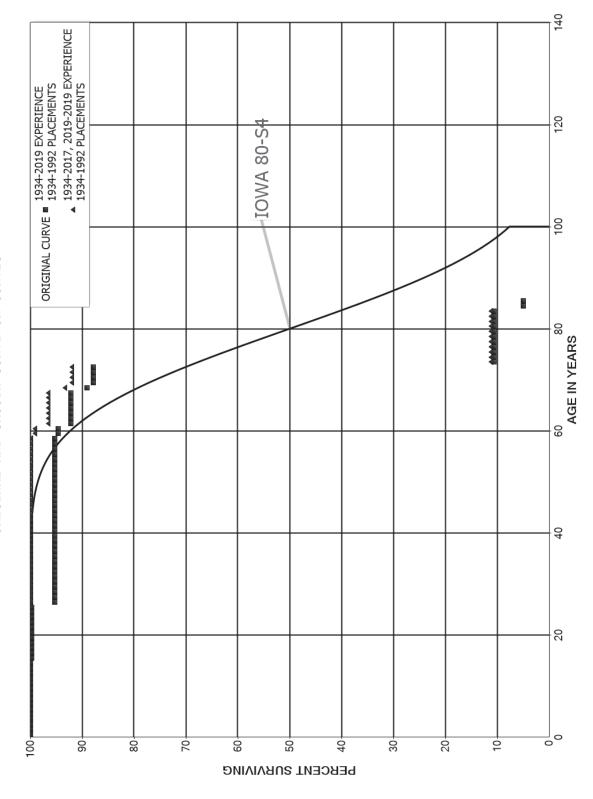


ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT	BAND 1934-2019		EXPERI	ENCE BAND	1934-2017, 2019-2019
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	8,296		0.0000	1.0000	14.49
80.5	8,296		0.0000	1.0000	14.49
81.5	8,296	1,539	0.1855	0.8145	14.49
82.5	6,680	3,310	0.4954	0.5046	11.80
83.5					5.96



LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 336 ROADS, RAILROADS AND BRIDGES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

PLACEMENT E	BAND 1934-1992		EXPE	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	185,663 185,663 185,663 185,663 185,663 185,663 185,663 185,663		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	185,663 185,663 185,663 185,663 185,663 185,071 185,071 185,071	592	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9968 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 99.68 99.68 99.68
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	185,071 185,071 185,071 185,071 185,071 185,071 185,071 176,966 174,590	8,105	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0438 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9562 1.0000 1.0000	99.68 99.68 99.68 99.68 99.68 99.68 95.32 95.32
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	95.32 95.32 95.32 95.32 95.32 95.32 95.32 95.32 95.32

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

PLACEMENT 1	BAND 1934-1992		EXPE	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	95.32 95.32 95.32 95.32 95.32 95.32 95.32 95.32 95.32
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590	1,359	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9922	95.32 95.32 95.32 95.32 95.32 95.32 95.32 95.32 95.32
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	173,231 173,231 168,908 168,908 168,908 168,908 168,908 168,908 168,908	4,323 5,764 2,322	0.0000 0.0250 0.0000 0.0000 0.0000 0.0000 0.0000 0.0341 0.0142	1.0000 0.9750 1.0000 1.0000 1.0000 1.0000 1.0000 0.9659 0.9858	94.57 94.57 92.21 92.21 92.21 92.21 92.21 92.21 92.21 92.21 89.07
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	160,821 160,821 160,821 160,821 19,450 19,450 19,450 19,450 19,450 18,316	141,371	0.0000 0.0000 0.0000 0.8791 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.1209 1.0000 1.0000 1.0000 1.0000	87.80 87.80 87.80 87.80 10.62 10.62 10.62 10.62 10.62

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

PLACEMENT	BAND 1934-1992		EXPE	RIENCE BAN	ID 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5	18,316 18,316 18,316 18,316 18,316 8,610	9,706	0.0000 0.0000 0.0000 0.0000 0.5299 0.0000	1.0000 1.0000 1.0000 1.0000 0.4701 1.0000	10.62 10.62 10.62 10.62 10.62 4.99

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

PLACEMENT E	BAND 1934-1992		EXPER]	ENCE BAND	1934-2017, 2019-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	185,663 185,663 185,663 185,663 185,663 185,663 185,663 185,663		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	185,663 185,663 185,663 185,663 185,663 185,071 185,071 185,071	592	0.0000 0.0000 0.0000 0.0000 0.0000 0.0032 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9968 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 99.68 99.68 99.68 99.68
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	185,071 185,071 185,071 185,071 185,071 185,071 174,590 176,966 174,590		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.68 99.68 99.68 99.68 99.68 99.68 99.68 99.68
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.68 99.68 99.68 99.68 99.68 99.68 99.68 99.68

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

PLACEMENT	BAND 1934-1992		EXPER]	IENCE BAND	1934-2017, 2019-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.68 99.68 99.68 99.68 99.68 99.68 99.68 99.68
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590 174,590	1,359	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9922	99.68 99.68 99.68 99.68 99.68 99.68 99.68 99.68
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	173,231 173,231 168,908 168,908 168,908 168,908 168,908 168,908 168,908	4,323 5,764 2,322	0.0000 0.0250 0.0000 0.0000 0.0000 0.0000 0.0000 0.0341 0.0142	1.0000 0.9750 1.0000 1.0000 1.0000 1.0000 1.0000 0.9659 0.9858	98.91 98.91 96.44 96.44 96.44 96.44 96.44 96.44 93.15
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	160,821 160,821 160,821 160,821 19,450 19,450 18,316 19,450 18,316	141,371	0.0000 0.0000 0.0000 0.8791 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.1209 1.0000 1.0000 1.0000 1.0000	91.82 91.82 91.82 91.82 11.10 11.10 11.10 11.10

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

PLACEMENT	BAND 1934-1992		EXPERI	ENCE BAND	1934-2017, 2019-2019
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
79.5	18,316		0.0000	1.0000	11.10
80.5	18,316		0.0000	1.0000	11.10
81.5	18,316		0.0000	1.0000	11.10
82.5	18,316		0.0000	1.0000	11.10
83.5					11.10
84.5	8,610		0.0000		
85.5					

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNTS 341 AND 341.2 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES

8 ORIGINAL CURVE = 1953-2019 EXPERIENCE 1955-2019 PLACEMENTS 2 IOWA 60-R4 9 20 AGE IN YEARS 3 20 9 <u></u> 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ ЗИВУІУІИС

ACCOUNTS 341 AND 341.2 STRUCTURES AND IMPROVEMENTS

PLACEMENT I	BAND 1955-2019		EXPE	RIENCE BAN	D 1963-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	40,673,045 31,093,342 30,673,274 30,504,831 29,043,436 15,569,366 15,569,366 15,521,802 15,521,802 15,413,729	125 43,884	0.0000 0.0000 0.0000 0.0015 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9985 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 99.85 99.85 99.85 99.85
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	15,413,729 15,332,543 15,332,543 15,332,543 15,260,054 15,174,353 6,628,525 6,626,001 3,703,786 787,298	4,536	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9997 1.0000 1.0000 1.0000	99.85 99.85 99.85 99.85 99.85 99.82 99.82 99.82
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	611,976 611,976 611,976 611,976 611,976 611,976 611,976 483,650	25,423	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0415 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9585 1.0000	99.82 99.82 99.82 99.82 99.82 99.82 99.82 99.82 95.67
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	483,650 483,650 483,650 483,650 483,650 483,650 483,650 483,650 457,267		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	95.67 95.67 95.67 95.67 95.67 95.67 95.67 95.67

ACCOUNTS 341 AND 341.2 STRUCTURES AND IMPROVEMENTS

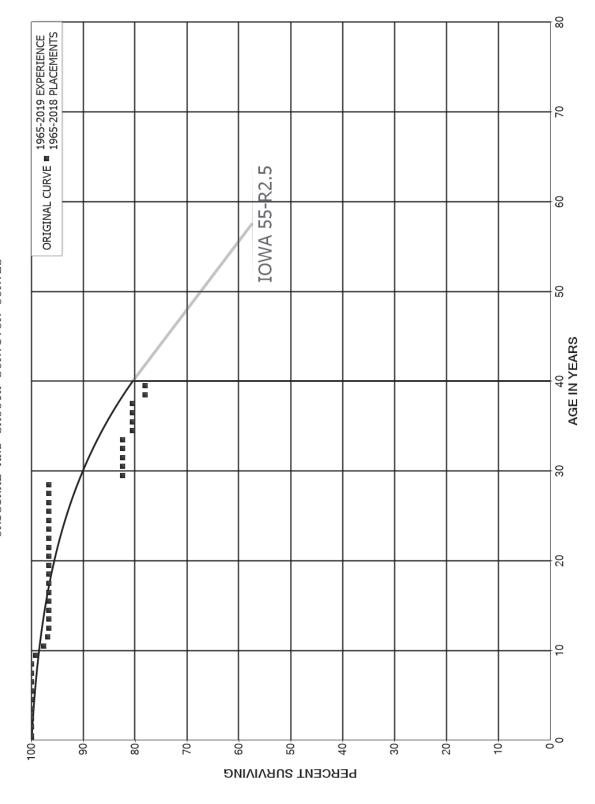
PLACEMENT E	EXPE	RIENCE BAN	D 1963-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	457,267 457,267 382,364 382,364 76,999 76,999 831,890 830,906 830,906	9,265	0.0000 0.0203 0.0000 0.0000 0.0000 0.0000 0.0012 0.0000 0.0000	1.0000 0.9797 1.0000 1.0000 1.0000 0.9988 1.0000 1.0000	95.67 95.67 93.73 93.73 93.73 93.73 93.62 93.62 93.62
49.5 50.5 51.5 52.5 53.5 54.5 55.5	1,038,869 1,038,869 1,038,869		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	93.62 93.62 93.62 93.62
56.5 57.5 58.5	1,037,233 1,016,743 1,016,743	20,491	0.0198 0.0000 0.0000		
59.5 60.5 61.5 62.5 63.5 64.5	1,024,966 762,073 745,215 745,215 736,991	16 , 858	0.0000 0.0221 0.0000 0.0000 0.0011		

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 341 STRUCTURES AND IMPROVEMENTS - SOLAR
SMOOTH SURVIVOR CURVE

IOWA 40-S3 AGE IN YEARS _0 -09 РЕВСЕИТ SURVIVING

LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

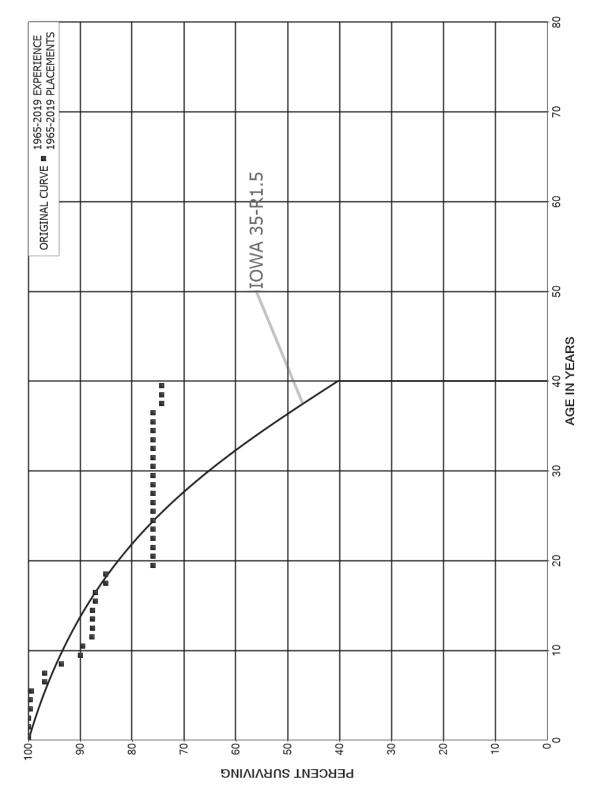
PLACEMENT I	BAND 1965-2018		EXPER	RIENCE BAN	TD 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	25,081,250 25,082,678 25,061,915 24,742,237 17,048,935 8,685,244 7,999,554 7,997,148 7,997,148 7,654,181	58 , 982	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9923	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	7,345,278 7,229,648 7,170,866 7,133,839 7,127,943 6,970,613 5,600,122 5,600,122 3,564,333 542,862	115,630 58,782 21,564	0.0157 0.0081 0.0030 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9843 0.9919 0.9970 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.23 97.67 96.87 96.58 96.58 96.58 96.58 96.58
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	251,447 224,108 224,108 224,108 224,108 224,108 224,108 224,108 224,108 224,108	32,916	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.1469	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.8531	96.58 96.58 96.58 96.58 96.58 96.58 96.58
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	191,192 191,192 191,192 191,192 191,192 186,726 184,508 184,508 136,491 132,363	4,465 4,128	0.0000 0.0000 0.0000 0.0000 0.0234 0.0000 0.0000 0.0000 0.0302 0.0000	1.0000 1.0000 1.0000 0.9766 1.0000 1.0000 1.0000 0.9698 1.0000	82.40 82.40 82.40 82.40 82.40 80.47 80.47 80.47 80.47



ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

PLACEMENT BAND 1965-2018 EXPERIENCE BANK					D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	132,363 132,363 36,281 36,281 36,281 36,281 36,281 36,281 36,281	3,386	0.0000 0.0256 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9744 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	78.04 78.04 76.04 76.04 76.04 76.04 76.04 76.04 76.04 76.04
49.5					76.04

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 343 PRIME MOVERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 343 PRIME MOVERS

PLACEMENT H	BAND 1965-2019		EXPE	RIENCE BAN	D 1965-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	280,773,049 272,912,331 270,302,023 261,164,832 255,583,470 185,497,105 184,235,330 177,148,494 169,007,181 155,376,223	54,988 823,296 208,704 409,494 4,692,605 5,560,961 6,211,024	0.0000 0.0000 0.0002 0.0032 0.0008 0.0022 0.0255 0.0000 0.0329 0.0400	1.0000 1.0000 0.9998 0.9968 0.9992 0.9978 0.9745 1.0000 0.9671 0.9600	100.00 100.00 100.00 99.98 99.66 99.58 99.36 96.83 96.83 93.65
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	148,918,726 143,734,227 137,111,330 136,754,235 131,560,550 131,273,729 82,183,796 81,902,631 56,961,741 28,207,600	714,705 2,823,648 120,986 42,639 738,876 13,536 1,947,408 3,000,152	0.0048 0.0196 0.0009 0.0003 0.0000 0.0056 0.0002 0.0238 0.0000 0.1064	0.9952 0.9804 0.9991 0.9997 1.0000 0.9944 0.9998 0.9762 1.0000 0.8936	89.90 89.47 87.71 87.64 87.61 87.12 87.10 85.03 85.03
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,317,804 2,276,861 2,276,861 2,263,204 2,263,204 2,263,204 2,263,204 2,263,204 2,263,204 2,263,204		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	75.99 75.99 75.99 75.99 75.99 75.99 75.99 75.99 75.99
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,263,204 2,263,204 2,263,204 2,263,204 2,263,204 2,263,204 2,263,204 2,263,204 2,213,870 2,213,870	49 , 334	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0218 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9782 1.0000 1.0000	75.99 75.99 75.99 75.99 75.99 75.99 75.99 75.99 74.33 74.33



ACCOUNT 343 PRIME MOVERS

PLACEMENT I	BAND 1965-2019	EXPE	RIENCE BAN	ID 1965-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5	2,213,870 2,213,870		0.0000	1.0000	74.33 74.33 74.33

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 344 GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES

8 ORIGINAL CURVE = 1944-2019 PLACEMENTS 2 IOWA 60-\$3 9 20 AGE IN YEARS 3 20 9 <u></u> 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ ЗИВУІУІИС

ACCOUNT 344 GENERATORS

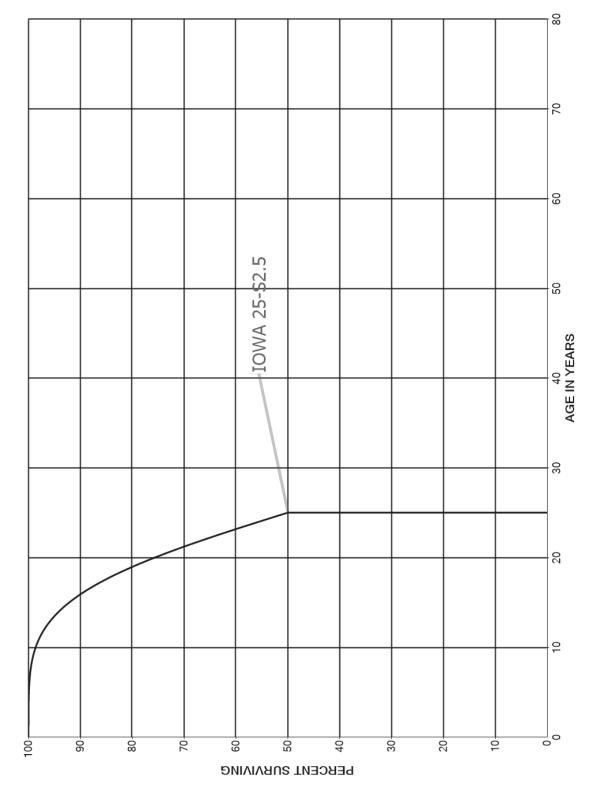
PLACEMENT E	BAND 1944-2019		EXPER	RIENCE BAN	D 1944-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	54,566,186 61,694,551 60,156,491 59,961,602 51,078,546 35,004,567 34,311,484 34,237,964 33,955,294 33,878,713	19,920	0.0000 0.0000 0.0000 0.0004 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9996 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 99.96 99.96 99.96 99.96
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	33,878,713 33,832,286 33,320,189 33,283,646 32,765,706 32,765,706 26,115,885 26,115,885 22,185,761 13,418,785	46,427 36,543 517,940 94,714	0.0014 0.0000 0.0011 0.0156 0.0000 0.0029 0.0000 0.0000 0.0042 0.0000	0.9986 1.0000 0.9989 0.9844 1.0000 0.9971 1.0000 1.0000 0.9958 1.0000	99.96 99.82 99.82 99.71 98.16 98.16 97.88 97.88 97.88
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	8,579,711 8,192,992 8,192,992 7,898,261 7,517,028 7,478,272 7,478,272 7,438,998 7,438,998 7,438,998	4,246	0.0005 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9995 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	97.47 97.42 97.42 97.42 97.42 97.42 97.42 97.42 97.42
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	7,438,998 7,438,998 7,438,998 7,227,316 7,222,122 7,222,122 7,194,146 7,178,043 6,785,798 6,691,328	191 , 176	0.0000 0.0000 0.0257 0.0000 0.0000 0.0000 0.0000 0.0139 0.0000	1.0000 1.0000 0.9743 1.0000 1.0000 1.0000 1.0000 0.9861 1.0000	97.42 97.42 97.42 94.92 94.92 94.92 94.92 94.92 94.92 93.59



ACCOUNT 344 GENERATORS

PLACEMENT	BAND 1944-2019		EXPE	RIENCE BAN	D 1944-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	6,683,418 6,683,418 6,640,425 6,630,602 6,244,402 6,241,973 6,241,973 6,241,952 6,241,952 6,241,952	156 9,823 20		1.0000 1.0000 0.9985 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	93.59 93.59 93.45 93.45 93.45 93.45 93.45 93.45 93.45
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	375 375 334 334 334 334 334 334 334		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	93.45 93.45 93.45 93.45 93.45 93.45 93.45 93.45 93.45
59.5 60.5 61.5 62.5	334 334 334		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	93.45 93.45 93.45 93.45

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 344 GENERATORS - SOLAR
SMOOTH SURVIVOR CURVE



LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES

ORIGINAL CURVE = 1963-2019 EXPERIENCE 1963-2019 PLACEMENTS 2 IOWA 50-\$2.5 9 20 AGE IN YEARS 39 20 9 <u></u> 1001 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИ

8

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

PLACEMENT H	BAND 1963-2019		EXPE	RIENCE BAN	D 1963-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	29,218,024 29,295,282 29,244,372 24,660,998 24,199,974 19,077,693 20,952,732 20,602,507 21,336,019 19,947,288	19,266	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9990	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	19,877,892 19,872,255 19,865,055 19,814,696 19,791,579 19,700,321 9,813,293 9,813,293 7,589,978 2,283,575	4,257 50,359 23,117 91,258	0.0000 0.0002 0.0025 0.0012 0.0046 0.0000 0.0000 0.0000	1.0000 0.9998 0.9975 0.9988 0.9954 1.0000 1.0000 1.0000	99.90 99.90 99.88 99.63 99.51 99.05 99.05 99.05
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	420,311 420,311 396,544 396,544 396,544 396,544 396,544 396,544 396,544		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.05 99.05 99.05 99.05 99.05 99.05 99.05 99.05
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	396,544 396,544 392,354 392,354 392,354 392,354 392,354 392,354 379,283 378,800	368	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9990	99.05 99.05 99.05 99.05 99.05 99.05 99.05 99.05

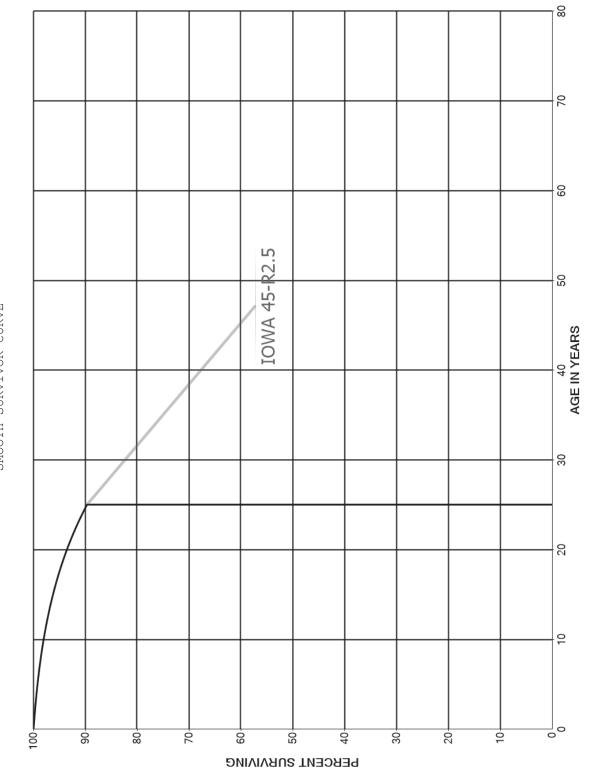


ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

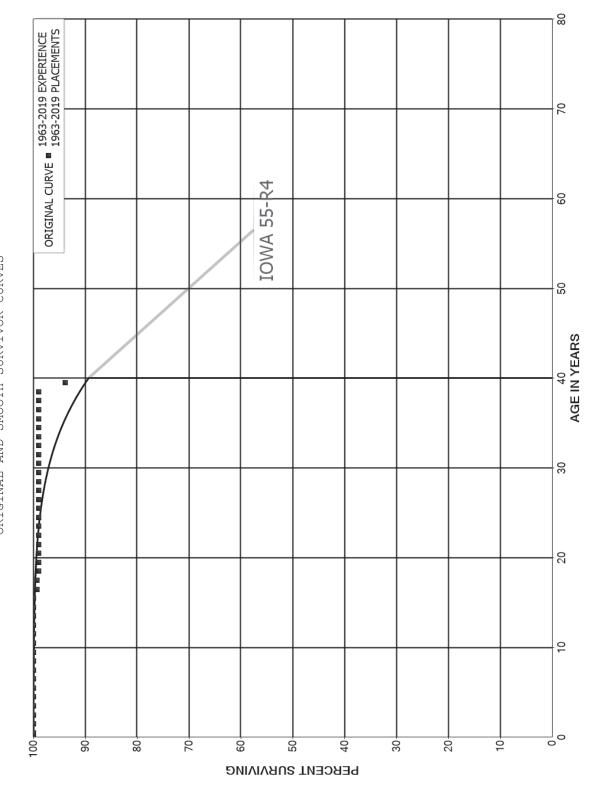
PLACEMENT BAND 1963-2019 EXPERIENCE BAND 1963-					D 1963-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	378,432 378,432 294,487 288,965 262,422 262,422 262,092 261,790 261,790 242,689	472 5,522 3,766 302 17,345	0.0000 0.0012 0.0187 0.0130 0.0000 0.0000 0.0012 0.0000 0.0663 0.0000	1.0000 0.9988 0.9813 0.9870 1.0000 1.0000 0.9988 1.0000 0.9337 1.0000	98.96 98.96 98.83 96.98 95.72 95.72 95.61 95.61 89.27
49.5	,				89.27

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT - SOLAR LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

SMOOTH SURVIVOR CURVE



LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT	BAND 1963-2019		EXPE	RIENCE BAN	D 1963-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	4,945,020 5,092,105 5,051,012 5,026,012 4,705,735 3,824,647 3,822,230 3,822,230 3,822,230 3,818,877	2,902	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9994 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 99.94 99.94 99.94 99.94
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	3,795,663 3,795,663 3,795,663 3,732,091 3,732,091 3,723,154 3,702,122 3,655,816 3,649,670 47,990	22,885 13,072	0.0000 0.0000 0.0000 0.0000 0.0000 0.0062 0.0000 0.0036 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9938 1.0000 0.9964 1.0000	99.94 99.94 99.94 99.94 99.94 99.94 99.32 99.32 98.96
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	25,907 25,907 25,907 25,907 25,907 25,907 25,907 25,907 25,907		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	98.96 98.96 98.96 98.96 98.96 98.96 98.96 98.96
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	25,907 25,907 25,907 22,004 22,004 22,004 22,004 22,004 22,004 22,004	1,141	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0518	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9482	98.96 98.96 98.96 98.96 98.96 98.96 98.96 98.96



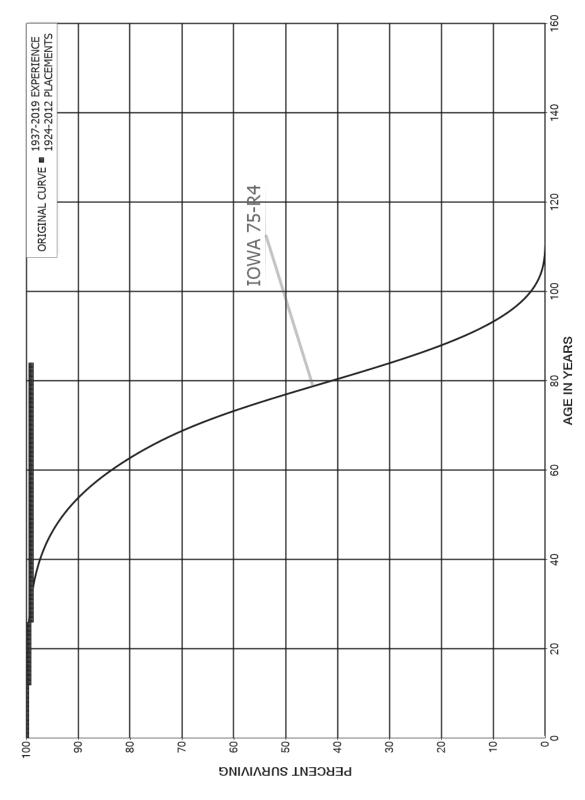
ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

PLACEMENT 1	BAND 1963-2019	EXPE	RIENCE BAN	D 1963-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5	20,863 20,863 20,863 20,863		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	93.83 93.83 93.83 93.83 93.83

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR
SMOOTH SURVIVOR CURVE

IOWA 40-R2.5 AGE IN YEARS _0 -09 РЕВСЕИТ ЗИВУІУІИС

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 350.1 LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 350.1 LAND RIGHTS

PLACEMENT	BAND 1924-2012		EXPER	RIENCE BAN	D 1937-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	8,599,393 8,599,913 8,599,913 8,742,642 8,749,892 8,685,776 8,685,427 8,691,854 7,887,942 7,884,150	4,581	0.0000 0.0000 0.0005 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9995 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 99.95 99.95 99.95 99.95 99.95
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	7,905,012 7,922,155 7,946,853 2,750,471 2,771,287 2,331,323 2,636,736 2,525,470 2,563,324 2,631,081	750 31,630	0.0001 0.0000 0.0040 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9999 1.0000 0.9960 1.0000 1.0000 1.0000 1.0000 1.0000	99.95 99.94 99.54 99.54 99.54 99.54 99.54 99.54 99.54
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,312,557 2,293,223 2,301,163 2,607,112 2,625,376 2,588,076 2,568,621 2,558,253 2,558,253 2,537,088	1,500 10,368	0.0000 0.0000 0.0007 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9993 1.0000 1.0000 0.9960 1.0000 1.0000	99.54 99.54 99.54 99.47 99.47 99.47 99.07 99.07
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,537,088 2,537,082 2,537,082 2,531,020 2,525,386 2,525,386 2,523,056 2,523,031 2,440,234 2,415,113		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07 99.07 99.07

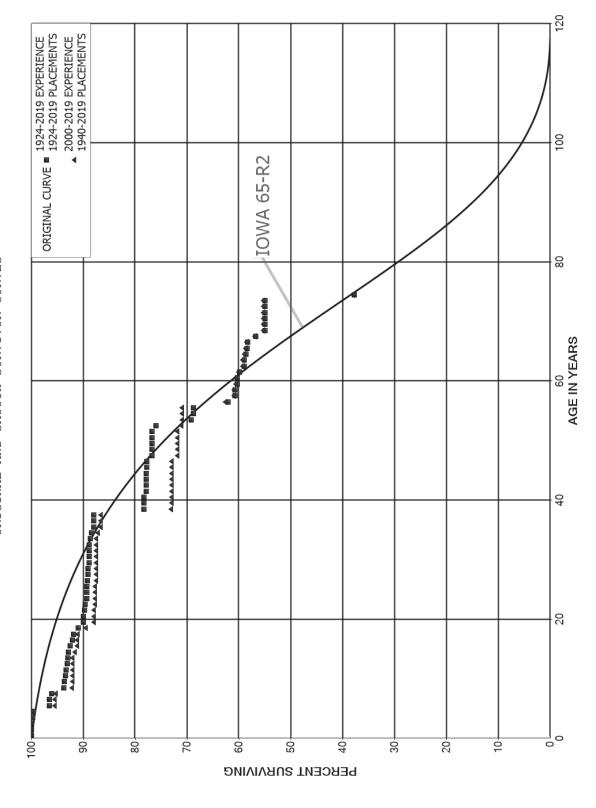
ACCOUNT 350.1 LAND RIGHTS

PLACEMENT I	BAND 1924-2012		EXPE	RIENCE BAN	D 1937-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,143,837 2,005,561 1,972,927 1,932,047 1,624,204 1,537,160 1,499,306 1,433,271 1,430,864 1,414,466		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07 99.07 99.07
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	1,393,363 1,077,461 1,059,030 1,047,213 1,045,967 1,036,808 1,018,186 893,933 858,979 849,605		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07 99.07 99.07
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	844,669 802,749 700,508 652,488 652,385 650,331 640,269 640,269 428,131 423,687		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07 99.07 99.07
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	374,360 301,253 255,921 255,921 255,921 254,322 254,322 155,656 155,656		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07 99.07 99.07

ACCOUNT 350.1 LAND RIGHTS

PLACEMENT 1	BAND 1924-2012		EXPE	RIENCE BAN	D 1937-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	18,945 8,255 7,058 6,951 524 524 524 524 524		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07 99.07 99.07
89.5 90.5 91.5 92.5 93.5 94.5 95.5	524 524 524 524 524 524		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	99.07 99.07 99.07 99.07 99.07 99.07

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

PLACEMENT E	BAND 1924-2019		EXPER	RIENCE BAN	D 1924-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	18,183,324 18,173,464 18,005,942 17,617,937 8,660,150 7,772,742 6,842,662 6,747,288 6,601,561 6,136,919	702 1,429 14,926 28,340 7,177 245,060 1,933 27,141 160,173 13,848	0.0000 0.0001 0.0008 0.0016 0.0008 0.0315 0.0003 0.0040 0.0243 0.0023	1.0000 0.9999 0.9992 0.9984 0.9992 0.9685 0.9997 0.9960 0.9757 0.9977	100.00 100.00 99.99 99.91 99.74 99.66 96.52 96.49 96.10 93.77
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	5,243,347 5,092,340 2,965,744 2,956,428 2,927,541 2,974,368 2,854,833 2,684,639 2,328,019 2,294,259	11,156 4,093 7,031 2,093 5,726 11,450 13,043 6,639 20,782 26,697	0.0021 0.0008 0.0024 0.0007 0.0020 0.0038 0.0046 0.0025 0.0089 0.0116	0.9979 0.9992 0.9976 0.9993 0.9980 0.9962 0.9954 0.9975 0.9911 0.9884	93.56 93.36 93.29 93.07 93.00 92.82 92.46 92.04 91.81 90.99
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,142,475 2,151,601 2,151,022 2,116,885 2,107,364 2,078,568 1,821,914 1,785,560 1,717,545 1,706,412	5,544 3,086 5,519 4,138 680 1,691 2,383	0.0000 0.0026 0.0014 0.0026 0.0000 0.0000 0.0023 0.0004 0.0010 0.0014	1.0000 0.9974 0.9986 0.9974 1.0000 1.0000 0.9977 0.9996 0.9990	89.93 89.93 89.70 89.57 89.34 89.34 89.14 89.10 89.01
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,504,420 1,504,420 1,492,036 1,490,359 1,433,537 1,429,557 1,412,097 1,401,933 1,386,785 1,080,023	1,179 2,761 4,275 6,212 544 598 151,434 700	0.0000 0.0000 0.0008 0.0019 0.0030 0.0043 0.0004 0.0004 0.1092 0.0006	1.0000 1.0000 0.9992 0.9981 0.9970 0.9957 0.9996 0.9996 0.8908 0.9994	88.89 88.89 88.82 88.65 88.39 88.01 87.97 87.93 78.33



ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1924-2019		EXPE	RIENCE BAN	D 1924-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	981,048 931,803 861,528 880,601 875,881 724,083 639,846 630,517 570,023 566,212	80 4,981 717 604 308 7,685	0.0001 0.0053 0.0000 0.0000 0.0008 0.0008 0.0005 0.0122 0.0000	0.9999 0.9947 1.0000 1.0000 0.9992 0.9992 0.9995 0.9878 1.0000	78.28 78.28 77.86 77.86 77.86 77.79 77.73 77.69 76.74
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	563,809 560,726 558,033 541,407 489,923 488,012 454,283 405,803 396,993 381,593	6,086 48,403 2,763 43,770 8,810	0.0000 0.0000 0.0109 0.0894 0.0056 0.0000 0.0963 0.0217 0.0000 0.0080	1.0000 1.0000 0.9891 0.9106 0.9944 1.0000 0.9037 0.9783 1.0000 0.9920	76.74 76.74 76.74 75.91 69.12 68.73 68.73 62.11 60.76 60.76
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	378,544 354,534 280,044 242,290 242,290 236,675 169,587 120,374 110,609 105,643	3 2,773 3,865 1,392 912 438 3,246 3,294	0.0000 0.0078 0.0138 0.0000 0.0057 0.0039 0.0026 0.0270 0.0298 0.0000	1.0000 0.9922 0.9862 1.0000 0.9943 0.9961 0.9974 0.9730 0.9702 1.0000	60.27 60.27 59.80 58.98 58.98 58.64 58.41 58.26 56.69 55.00
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	92,538 76,183 73,864 72,334 72,334 49,541 47,875 47,875 12,492 1,162	22,793 1,666	0.0000 0.0000 0.0000 0.0000 0.3151 0.0336 0.0000 0.0000	1.0000 1.0000 1.0000 0.6849 0.9664 1.0000 1.0000	55.00 55.00 55.00 55.00 37.67 36.40 36.40 36.40 36.40

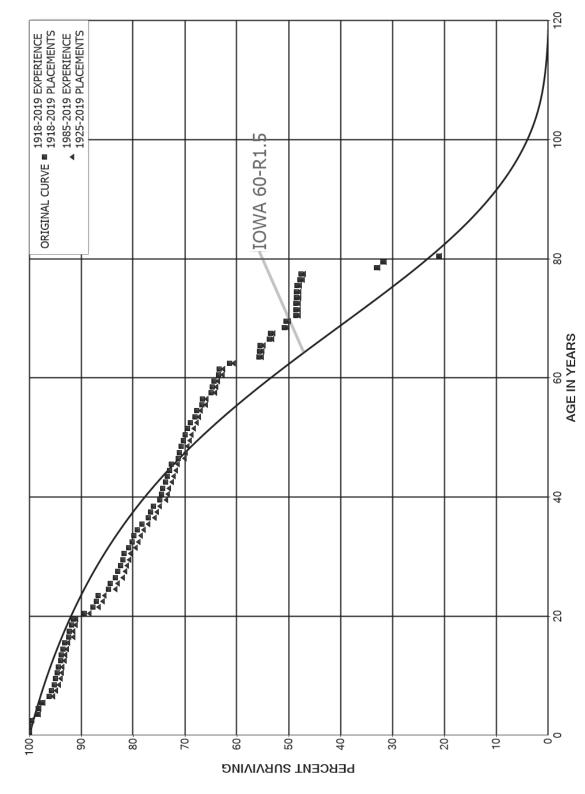
ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1940-2019		EXPEF	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	16,010,736 16,001,578 15,835,485 15,457,668 6,515,762 5,652,383 5,001,000 4,917,402 4,845,662 4,422,283	14,147 18,435 5,133 243,900 1,130 13,669 158,138 5,206	0.0000 0.0000 0.0009 0.0012 0.0008 0.0431 0.0002 0.0028 0.0326 0.0012	1.0000 1.0000 0.9991 0.9988 0.9992 0.9569 0.9998 0.9972 0.9674 0.9988	100.00 100.00 100.00 99.91 99.79 99.71 95.41 95.39 95.12 92.02
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	3,714,112 3,606,119 1,499,942 1,495,050 1,496,462 1,529,551 1,464,090 1,416,613 1,034,621 1,146,143	5,726 7,577 2,816 17,591 19,804	0.0000 0.0000 0.0000 0.0000 0.0038 0.0050 0.0000 0.0020 0.0170 0.0173	1.0000 1.0000 1.0000 0.9962 0.9950 1.0000 0.9980 0.9830 0.9827	91.91 91.91 91.91 91.91 91.56 91.11 91.11 90.92 89.38
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,117,214 1,166,379 1,232,373 1,252,933 1,257,653 1,371,736 1,183,089 1,187,609 1,290,277 1,248,281	2,625 3,374	0.0000 0.0000 0.0021 0.0000 0.0000 0.0000 0.0029 0.0000 0.0000	1.0000 1.0000 0.9979 1.0000 1.0000 0.9971 1.0000 1.0000	87.83 87.83 87.65 87.65 87.65 87.65 87.40 87.40
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,051,075 1,054,238 1,044,547 1,020,058 957,989 946,401 960,805 955,351 924,392 645,589	3,139 6,212 544 145,342 700	0.0000 0.0000 0.0000 0.0000 0.0033 0.0066 0.0006 0.0000 0.1572 0.0011	1.0000 1.0000 1.0000 0.9967 0.9934 0.9994 1.0000 0.8428 0.9989	87.40 87.40 87.40 87.40 87.40 87.11 86.54 86.49 86.49 72.89

ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

PLACEMENT	BAND 1940-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	550,443 525,205 534,401 535,697 530,980 390,183 416,958 456,712 404,867 400,495	80 6,467	0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0142 0.0000 0.0000	0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 0.9858 1.0000 1.0000	72.81 72.80 72.80 72.80 72.80 72.80 72.80 72.80 71.77
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	411,197 424,469 424,095 410,120 406,457 406,457 372,728 324,248 380,403 379,579	4,965 582 43,770 8,810 2,197	0.0000 0.0000 0.0117 0.0014 0.0000 0.0000 0.1174 0.0272 0.0000 0.0058	1.0000 1.0000 0.9883 0.9986 1.0000 1.0000 0.8826 0.9728 1.0000 0.9942	71.77 71.77 71.77 70.93 70.83 70.83 70.83 62.51 60.81
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	378,544 354,534 280,044 242,290 242,290 236,675 169,587 120,374 110,609 105,643	3 2,773 3,865 1,392 912 438 3,246 3,294	0.0000 0.0078 0.0138 0.0000 0.0057 0.0039 0.0026 0.0270 0.0298 0.0000	1.0000 0.9922 0.9862 1.0000 0.9943 0.9961 0.9974 0.9730 0.9702 1.0000	60.46 60.46 59.99 59.16 59.16 58.82 58.59 58.44 56.87
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	92,538 76,183 73,864 72,334 72,334 49,541 47,875 47,875 12,492 1,162	22,793 1,666	0.0000 0.0000 0.0000 0.0000 0.3151 0.0336 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.6849 0.9664 1.0000 1.0000	55.17 55.17 55.17 55.17 55.17 37.79 36.52 36.52 36.52 36.52 36.52

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 353.1 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 353.1 STATION EQUIPMENT

PLACEMENT I	BAND 1918-2019		EXPER	RIENCE BAN	D 1918-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	239,422,289 223,638,863 204,725,461 214,787,348 186,002,770 168,773,172 157,124,103 152,160,681 139,380,369 133,971,156	28,514 25,199 898,458 2,519,358 225,456 1,126,923 2,340,511 643,403 822,073 383,121	0.0001 0.0001 0.0044 0.0117 0.0012 0.0067 0.0149 0.0042 0.0059 0.0029	0.9999 0.9999 0.9956 0.9883 0.9988 0.9933 0.9851 0.9958 0.9941	100.00 99.99 99.98 99.54 98.37 98.25 97.60 96.14 95.73 95.17
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	130,089,619 128,685,589 127,491,393 124,651,747 123,158,803 115,744,675 111,450,313 103,762,603 101,679,508 101,097,322	374,603 320,788 545,544 227,229 443,198 390,601 966,256 104,555 514,875 263,249	0.0029 0.0025 0.0043 0.0018 0.0036 0.0034 0.0087 0.0010 0.0051 0.0026	0.9971 0.9975 0.9957 0.9982 0.9964 0.9966 0.9913 0.9990 0.9949	94.90 94.62 94.39 93.99 93.81 93.48 93.16 92.35 92.26 91.79
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	99,489,171 97,026,925 93,600,402 91,892,341 89,371,521 86,826,958 82,915,271 81,168,068 78,615,850 75,529,645	2,379,916 1,760,522 748,982 378,765 2,019,855 388,501 890,581 426,107 565,113 374,533	0.0239 0.0181 0.0080 0.0041 0.0226 0.0045 0.0107 0.0052 0.0072 0.0050	0.9761 0.9819 0.9920 0.9959 0.9774 0.9955 0.9893 0.9948 0.9928	91.55 89.36 87.74 87.04 86.68 84.72 84.34 83.44 83.40
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	61,646,612 61,947,793 61,059,382 60,878,431 60,579,554 58,280,197 56,951,171 55,936,075 55,424,032 53,694,160	208,689 662,691 464,720 328,544 454,303 673,161 854,568 329,720 395,709 894,578	0.0034 0.0107 0.0076 0.0054 0.0075 0.0116 0.0150 0.0059 0.0071 0.0167	0.9966 0.9893 0.9924 0.9946 0.9925 0.9884 0.9850 0.9941 0.9929 0.9833	81.99 81.72 80.84 80.23 79.79 79.20 78.28 77.11 76.65 76.10



ACCOUNT 353.1 STATION EQUIPMENT

PLACEMENT F	BAND 1918-2019		EXPE	RIENCE BAN	D 1918-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	48,792,916 45,778,154 41,058,246 36,997,235 33,832,947 32,768,355 29,221,047 28,566,836 21,958,226 21,087,491	197,609 123,112 315,725 161,357 248,535 113,408 549,587 104,857 95,272 125,586	0.0040 0.0027 0.0077 0.0044 0.0073 0.0035 0.0188 0.0037 0.0043 0.0060	0.9960 0.9973 0.9923 0.9956 0.9927 0.9965 0.9812 0.9963 0.9957 0.9940	74.84 74.53 74.33 73.76 73.44 72.90 72.65 71.28 71.02 70.71
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	20,756,794 19,060,247 18,295,427 17,546,024 15,990,483 15,441,762 14,886,563 14,630,249 13,817,864 13,706,828	101,341 118,681 148,646 223,496 82,833 222,304 24,911 375,008 52,156 62,828	0.0049 0.0062 0.0081 0.0127 0.0052 0.0144 0.0017 0.0256 0.0038 0.0046	0.9951 0.9938 0.9919 0.9873 0.9948 0.9856 0.9983 0.9744 0.9962 0.9954	70.29 69.95 69.51 68.95 68.07 67.72 66.74 66.63 64.92 64.68
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	13,281,368 11,324,195 9,639,673 8,901,744 6,527,205 5,951,207 4,373,946 3,564,779 2,916,543 2,562,068	184,578 25,814 295,356 815,475 13,803 16,924 137,915 13,521 144,769 19,017	0.0139 0.0023 0.0306 0.0916 0.0021 0.0028 0.0315 0.0038 0.0496 0.0074	0.9861 0.9977 0.9694 0.9084 0.9979 0.9972 0.9685 0.9962 0.9504 0.9926	64.38 63.49 63.34 61.40 55.78 55.66 55.50 53.75 53.55 50.89
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	2,196,212 1,460,696 1,402,792 1,315,388 1,303,656 1,200,804 1,084,422 999,247 193,759 2,072	83,921 238 3,260 39 2,083 11,234 5,723 59,262 74	0.0382 0.0002 0.0000 0.0025 0.0000 0.0017 0.0104 0.0057 0.3059 0.0357	0.9618 0.9998 1.0000 0.9975 1.0000 0.9983 0.9896 0.9943 0.6941 0.9643	50.51 48.58 48.57 48.57 48.45 48.45 48.37 47.86 47.59 33.03



ACCOUNT 353.1 STATION EQUIPMENT

PLACEMENT	BAND 1918-2019		EXPER	RIENCE BAN	ID 1918-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	1,998	677	0.3388	0.6612	31.86 21.06

ACCOUNT 353.1 STATION EQUIPMENT

PLACEMENT I	BAND 1925-2019		EXPER	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	212,296,009 197,413,610 167,974,644 165,945,045 135,303,988 121,327,664 111,118,709 109,556,071 100,408,860 98,624,883	28,514 13,330 834,683 2,379,718 143,791 1,014,749 2,169,150 551,009 646,962 304,883	0.0001 0.0001 0.0050 0.0143 0.0011 0.0084 0.0195 0.0050 0.0064 0.0031	0.9999 0.9999 0.9950 0.9857 0.9989 0.9916 0.9805 0.9950 0.9936 0.9969	100.00 99.99 99.98 99.48 98.06 97.95 97.13 95.24 94.76 94.15
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	98,615,170 100,156,897 99,310,433 103,566,013 102,911,539 95,861,686 93,380,790 86,466,628 84,926,751 85,874,211	247,036 129,305 504,298 78,254 377,245 265,337 925,160 24,810 444,051 148,623	0.0025 0.0013 0.0051 0.0008 0.0037 0.0028 0.0099 0.0003 0.0052 0.0017	0.9975 0.9987 0.9949 0.9992 0.9963 0.9972 0.9901 0.9997 0.9948 0.9983	93.86 93.62 93.50 93.03 92.96 92.61 92.36 91.44 91.42 90.94
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	84,479,924 82,658,876 79,429,228 78,959,202 76,614,423 74,699,011 72,700,355 72,267,141 70,191,191 68,817,620	2,303,108 1,725,905 683,415 293,005 1,947,047 340,013 886,909 385,777 281,061 370,294	0.0273 0.0209 0.0086 0.0037 0.0254 0.0046 0.0122 0.0053 0.0040	0.9727 0.9791 0.9914 0.9963 0.9746 0.9954 0.9878 0.9947 0.9960 0.9946	90.78 88.31 86.46 85.72 85.40 83.23 82.85 81.84 81.40 81.08
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	55,621,294 57,322,398 56,861,215 57,561,377 57,468,147 55,652,682 55,329,849 54,399,636 53,895,712 52,177,627	194,608 655,823 439,361 316,969 416,739 657,284 848,448 326,027 383,157 889,703	0.0035 0.0114 0.0077 0.0055 0.0073 0.0118 0.0153 0.0060 0.0071 0.0171	0.9965 0.9886 0.9923 0.9945 0.9927 0.9882 0.9847 0.9940 0.9929 0.9829	80.64 80.36 79.44 78.83 78.39 77.82 76.90 75.73 75.27 74.74



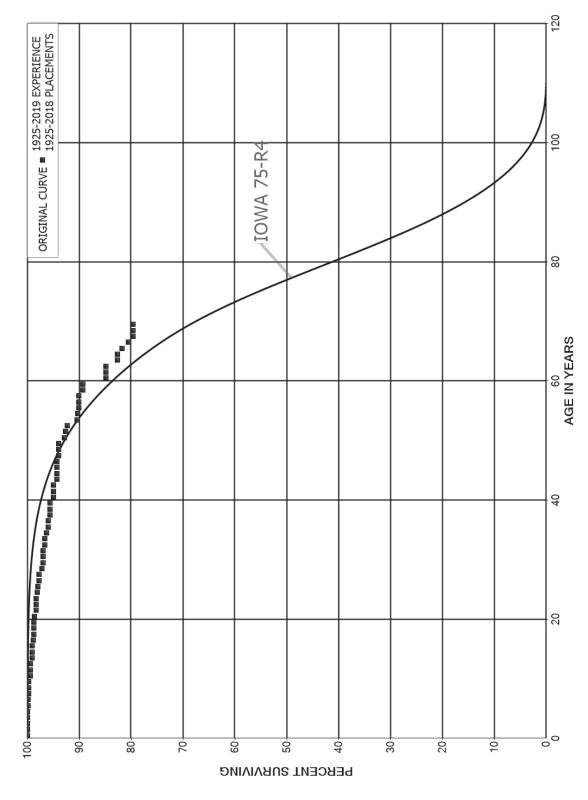
ACCOUNT 353.1 STATION EQUIPMENT

PLACEMENT	BAND 1925-2019		EXPEF	RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	47,282,886 44,405,050 39,748,744 36,455,610 33,521,276 32,519,616 28,756,262 28,194,823 21,614,187 20,743,452	182,035 122,419 305,230 160,560 244,560 113,408 547,678 104,857 95,272 125,586	0.0038 0.0028 0.0077 0.0044 0.0073 0.0035 0.0190 0.0037 0.0044 0.0061	0.9962 0.9972 0.9923 0.9956 0.9927 0.9965 0.9810 0.9963 0.9956 0.9939	73.46 73.18 72.98 72.42 72.10 71.57 71.32 69.96 69.70 69.40
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	20,408,685 18,712,138 17,946,951 17,199,623 15,984,188 15,436,583 14,881,384 14,625,070 13,817,864 13,706,828	101,341 118,681 146,577 128,050 82,833 222,304 24,911 375,008 52,156 62,828	0.0050 0.0063 0.0082 0.0074 0.0052 0.0144 0.0017 0.0256 0.0038 0.0046	0.9950 0.9937 0.9918 0.9926 0.9948 0.9856 0.9983 0.9744 0.9962 0.9954	68.98 68.63 68.20 67.64 67.14 66.79 65.83 65.72 64.03 63.79
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	13,281,368 11,324,195 9,639,673 8,901,744 6,527,205 5,951,207 4,373,946 3,564,779 2,916,543 2,562,068	184,578 25,814 295,356 815,475 13,803 16,924 137,915 13,521 144,769 19,017	0.0139 0.0023 0.0306 0.0916 0.0021 0.0028 0.0315 0.0038 0.0496 0.0074	0.9861 0.9977 0.9694 0.9084 0.9979 0.9972 0.9685 0.9962 0.9504 0.9926	63.50 62.62 62.47 60.56 55.01 54.90 54.74 53.01 52.81 50.19
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	2,196,212 1,460,696 1,402,792 1,315,388 1,303,656 1,200,804 1,084,422 999,247 193,759 2,072	83,921 238 3,260 39 2,083 11,234 5,723 59,262 74	0.0382 0.0002 0.0000 0.0025 0.0000 0.0017 0.0104 0.0057 0.3059 0.0357	0.9618 0.9998 1.0000 0.9975 1.0000 0.9983 0.9896 0.9943 0.6941 0.9643	49.82 47.91 47.91 47.91 47.79 47.79 47.70 47.21 46.94 32.58

ACCOUNT 353.1 STATION EQUIPMENT

PLACEMENT	BAND 1925-2019		EXPEF	RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	1,998	677	0.3388	0.6612	31.42 20.78

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 354 TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



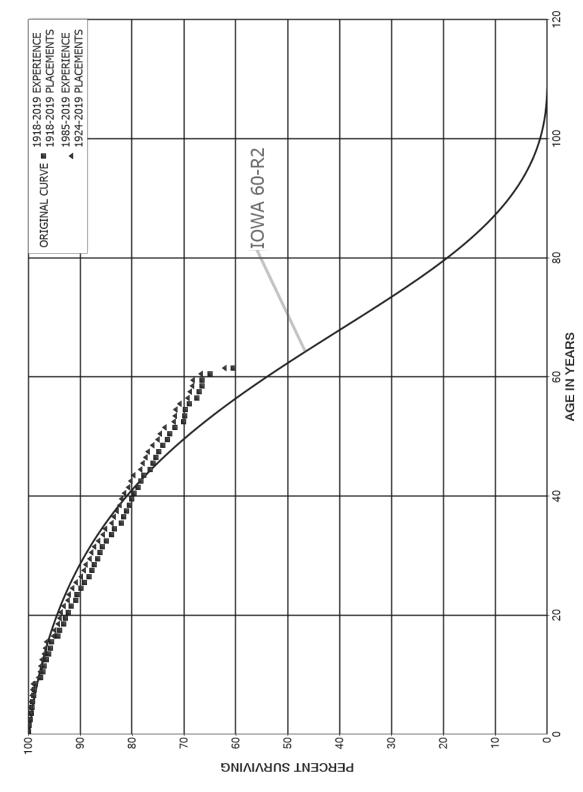
ACCOUNT 354 TOWERS AND FIXTURES

PLACEMENT	BAND 1925-2018		EXPE	RIENCE BAN	D 1925-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	47,080,468 47,137,802 45,905,389 45,901,955 45,309,182 43,099,437 42,550,336 42,454,876 41,357,174 41,249,960	14,172 4,396 18,039 32,519 26,670 18,321 4,983	0.0000 0.0003 0.0000 0.0001 0.0004 0.0008 0.0006 0.0004 0.0001	1.0000 0.9997 1.0000 0.9999 0.9996 0.9994 0.9996 0.9999 1.0000	100.00 100.00 99.97 99.97 99.96 99.92 99.85 99.78 99.74
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	26,519,769 25,453,931 25,495,436 25,534,050 25,438,969 24,647,133 24,508,253 24,101,627 23,978,045 24,010,956	94,095 4,684 65,707 11,801 51,010 25,461 1,742 11,823	0.0035 0.0000 0.0002 0.0026 0.0000 0.0005 0.0021 0.0011 0.0001	0.9965 1.0000 0.9998 0.9974 1.0000 0.9995 0.9979 0.9989 0.9999	99.73 99.37 99.37 99.36 99.10 99.05 98.85 98.74 98.73
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	24,054,582 24,262,971 24,130,121 23,778,569 23,816,008 23,758,847 19,462,514 19,421,457 19,436,074 19,320,057	14,259 84,783 57,161 9,884 46,300 3,000 125,472 32,312	0.0006 0.0035 0.0000 0.0000 0.0024 0.0024 0.0002 0.0065 0.0017	0.9994 0.9965 1.0000 1.0000 0.9976 0.9996 0.9976 0.9998 0.9935 0.9983	98.69 98.63 98.28 98.28 98.05 98.01 97.77 97.76 97.13
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	19,289,480 19,281,397 19,281,397 19,292,780 19,275,467 19,205,769 19,312,457 19,311,906 17,363,873 17,363,873	4,570 62,705 6,542 62,729 71,625 551 61,817	0.0002 0.0000 0.0033 0.0003 0.0037 0.0000 0.0032 0.0000 0.0002	0.9998 1.0000 0.9967 0.9997 0.9963 1.0000 0.9968 1.0000	96.96 96.94 96.94 96.63 96.59 96.28 95.92 95.92 95.61

ACCOUNT 354 TOWERS AND FIXTURES

PLACEMENT I	BAND 1925-2018		EXPE	RIENCE BAN	D 1925-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	16,052,203 15,940,282 15,798,380 14,897,623 8,591,352 8,071,580 7,915,283 7,720,140 7,518,909 7,304,850	105,600 360 3,387 103,468 616 316 21,631	0.0066 0.0000 0.0002 0.0069 0.0000 0.0001 0.0000 0.0028 0.0000	0.9934 1.0000 0.9998 0.9931 1.0000 0.9999 1.0000 0.9972 1.0000	95.59 94.96 94.96 94.28 94.28 94.27 94.27 94.00 94.00
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	7,252,294 4,818,387 4,796,912 4,721,684 4,530,751 4,512,662 4,485,201 4,477,674 3,009,808 2,971,277	93,939 8,232 16,446 100,719 2,374 10,010 1,877 26,824 608	0.0130 0.0017 0.0034 0.0213 0.0005 0.0022 0.0004 0.0000 0.0089 0.0002	0.9870 0.9983 0.9966 0.9787 0.9995 0.9978 0.9996 1.0000 0.9911 0.9998	94.00 92.79 92.63 92.31 90.34 90.29 90.09 90.06 90.06 89.25
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,954,392 2,328,322 2,093,440 1,998,156 1,887,186 1,287,626 1,261,995 1,247,069 1,146,924 1,146,924	145,974 51,491 14,590 19,155 12,710	0.0494 0.0000 0.0000 0.0258 0.0000 0.0113 0.0152 0.0102 0.0000	0.9506 1.0000 1.0000 0.9742 1.0000 0.9887 0.9848 0.9898 1.0000 1.0000	89.24 84.83 84.83 82.64 82.64 81.70 80.46 79.64
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	868,277 867,577 705,684 705,684 705,684 690,698 690,698	700 14,986	0.0008 0.0000 0.0000 0.0000 0.0212 0.0000 0.0000	0.9992 1.0000 1.0000 1.0000 0.9788 1.0000 1.0000	79.64 79.58 79.58 79.58 79.58 77.89 77.89 77.89

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 355 POLES AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 355 POLES AND FIXTURES

PLACEMENT H	BAND 1918-2019		EXPE	RIENCE BAN	D 1918-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	99,528,099 94,814,069 96,389,695 93,362,281 75,974,967 66,449,777 60,392,223 56,328,025 46,267,481 44,946,179	50,409 74,095 271,334 198,652 57,586 90,029 109,565 94,772 76,941 478,642	0.0005 0.0008 0.0028 0.0021 0.0008 0.0014 0.0018 0.0017 0.0017	0.9995 0.9992 0.9972 0.9979 0.9992 0.9986 0.9983 0.9983 0.9894	100.00 99.95 99.87 99.59 99.38 99.30 99.17 98.99 98.82 98.66
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	42,158,945 40,951,087 40,967,006 34,382,064 33,210,001 27,812,049 28,086,722 27,229,739 27,261,302 24,316,963	185,138 101,880 195,650 155,224 110,742 65,275 365,859 94,676 206,889 87,337	0.0044 0.0025 0.0048 0.0045 0.0033 0.0023 0.0130 0.0035 0.0076 0.0036	0.9956 0.9975 0.9952 0.9955 0.9967 0.9977 0.9870 0.9965 0.9924 0.9964	97.61 97.18 96.94 96.47 96.04 95.72 95.49 94.25 93.92 93.21
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	23,866,155 23,484,336 22,975,572 22,061,274 21,828,891 19,916,948 17,596,941 17,021,828 15,614,245 14,854,634	149,928 135,333 218,342 66,428 180,628 156,035 173,152 107,805 76,562 119,285	0.0063 0.0058 0.0095 0.0030 0.0083 0.0078 0.0098 0.0063 0.0049 0.0080	0.9937 0.9942 0.9905 0.9970 0.9917 0.9922 0.9902 0.9937 0.9951 0.9920	92.87 92.29 91.76 90.89 90.61 89.86 89.16 88.28 87.72 87.29
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	14,395,863 13,539,099 13,132,450 12,439,678 11,733,744 11,225,603 10,913,639 10,761,196 9,149,396 8,571,595	61,016 80,694 118,905 151,857 64,710 185,256 61,119 66,998 63,066 47,837	0.0042 0.0060 0.0091 0.0122 0.0055 0.0165 0.0056 0.0062 0.0069	0.9958 0.9940 0.9909 0.9878 0.9945 0.9835 0.9944 0.9938 0.9931	86.59 86.22 85.71 84.93 83.90 83.44 82.06 81.60 81.09 80.53

ACCOUNT 355 POLES AND FIXTURES

PLACEMENT	BAND 1918-2019		EXPER	RIENCE BAN	D 1918-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	6,068,119 4,055,554 3,612,030 2,898,999 2,285,632 2,048,415 1,818,793 1,773,579 1,721,417 1,499,769	35,083 40,948 22,483 21,961 37,394 13,600 14,259 11,124 17,961 19,806	0.0058 0.0101 0.0062 0.0076 0.0164 0.0066 0.0078 0.0063 0.0104 0.0132	0.9942 0.9899 0.9938 0.9924 0.9836 0.9934 0.9922 0.9937 0.9896 0.9868	80.08 79.62 78.82 78.32 77.73 76.46 75.95 75.36 74.88 74.10
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,263,486 1,154,943 984,107 896,602 820,617 767,111 703,908 679,580 630,683 623,668	7,291 14,876 22,983 3,008 1,496 8,859 14,947 3,862 4,970 442	0.0058 0.0129 0.0234 0.0034 0.0018 0.0115 0.0212 0.0057 0.0079 0.0007	0.9942 0.9871 0.9766 0.9966 0.9982 0.9885 0.9788 0.9943 0.9921 0.9993	73.12 72.70 71.77 70.09 69.85 69.73 68.92 67.46 67.07 66.55
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	622,859 587,722 284,356 169,296 158,289 156,256 149,800 7,048 4,832 4,775	14,277 40,117 55 429 391 761 58 27	0.0229 0.0683 0.0002 0.0000 0.0000 0.0027 0.0026 0.1080 0.0119 0.0056	0.9771 0.9317 0.9998 1.0000 1.0000 0.9973 0.9974 0.8920 0.9881 0.9944	66.50 64.97 60.54 60.53 60.53 60.53 60.36 60.20 53.70 53.06
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	4,748 4,500 4,487 4,487 4,416 4,358 3,693 3,687 3,668 810	208 13 33 59 665 6 18	0.0438 0.0028 0.0000 0.0074 0.0133 0.1526 0.0017 0.0050 0.0000	0.9562 0.9972 1.0000 0.9926 0.9867 0.8474 0.9983 0.9950 1.0000 0.9323	52.76 50.45 50.31 50.31 49.94 49.28 41.76 41.69 41.48 41.48

ACCOUNT 355 POLES AND FIXTURES

PLACEMENT BAND 1918-2019 EXPERIENCE BAND 1					D 1918-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5	755 396 396 396 396		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	38.67 38.67 38.67 38.67 38.67 38.67

ACCOUNT 355 POLES AND FIXTURES

PLACEMENT H	BAND 1924-2019		EXPER	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	94,670,792 90,277,073 87,931,434 84,419,462 66,343,211 56,978,126 54,186,130 51,038,731 42,188,830 41,502,787	47,931 55,134 234,007 158,224 29,388 74,152 77,629 47,635 38,922 433,323	0.0005 0.0006 0.0027 0.0019 0.0004 0.0013 0.0014 0.0009 0.0009	0.9995 0.9994 0.9973 0.9981 0.9996 0.9987 0.9986 0.9991 0.9991	100.00 99.95 99.89 99.62 99.44 99.39 99.26 99.12 99.03 98.94
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	39,148,247 38,166,822 38,249,864 31,901,970 31,054,437 25,961,358 26,373,799 25,478,701 25,663,623 22,809,234	101,013 73,539 75,994 132,976 92,106 50,357 348,257 68,514 189,417 79,149	0.0026 0.0019 0.0020 0.0042 0.0030 0.0019 0.0132 0.0027 0.0074 0.0035	0.9974 0.9981 0.9980 0.9958 0.9970 0.9981 0.9868 0.9973 0.9926 0.9965	97.90 97.65 97.46 97.27 96.86 96.58 96.39 95.12 94.86 94.16
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	22,447,426 22,277,300 21,793,530 20,975,308 20,747,445 18,877,653 16,608,648 16,330,755 15,193,646 14,402,427	50,117 124,216 183,521 64,456 150,887 142,158 164,941 103,776 69,324 115,433	0.0022 0.0056 0.0084 0.0031 0.0073 0.0075 0.0099 0.0064 0.0046	0.9978 0.9944 0.9916 0.9969 0.9927 0.9925 0.9901 0.9936 0.9954 0.9920	93.83 93.62 93.10 92.32 92.03 91.36 90.68 89.78 89.21 88.80
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	13,949,587 13,106,565 12,959,354 12,276,893 11,596,761 11,093,016 10,802,583 10,648,784 9,042,876 8,468,126	54,311 78,625 114,547 130,638 61,327 167,508 55,719 62,700 59,806 43,694	0.0039 0.0060 0.0088 0.0106 0.0053 0.0151 0.0052 0.0059 0.0066 0.0052	0.9961 0.9940 0.9912 0.9894 0.9947 0.9849 0.9948 0.9941 0.9934 0.9948	88.09 87.74 87.22 86.45 85.53 85.07 83.79 83.36 82.87 82.32

ACCOUNT 355 POLES AND FIXTURES

PLACEMENT	BAND 1924-2019		EXPER	RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	5,975,227 3,964,720 3,520,852 2,819,762 2,228,683 2,001,353 1,795,087 1,750,875 1,699,787 1,478,167	33,644 40,287 18,217 19,175 36,704 13,456 13,257 10,049 17,933 19,806	0.0056 0.0102 0.0052 0.0068 0.0165 0.0067 0.0074 0.0057 0.0106 0.0134	0.9944 0.9898 0.9948 0.9932 0.9835 0.9933 0.9926 0.9943 0.9894 0.9866	81.89 81.43 80.61 80.19 79.64 78.33 77.81 77.23 76.79 75.98
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,253,689 1,146,158 975,322 888,233 812,248 765,180 701,977 677,649 628,752 621,737	6,820 14,876 22,567 3,008 1,496 8,859 14,947 3,862 4,970 442	0.0054 0.0130 0.0231 0.0034 0.0018 0.0116 0.0213 0.0057 0.0079 0.0007	0.9946 0.9870 0.9769 0.9966 0.9982 0.9884 0.9787 0.9943 0.9921 0.9993	74.96 74.55 73.58 71.88 71.64 71.51 70.68 69.17 68.78 68.23
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	620,928 587,722 284,356 169,296 158,289 156,256 149,800 7,048 4,832 4,775	14,277 40,117 55 429 391 761 58 27	0.0230 0.0683 0.0002 0.0000 0.0000 0.0027 0.0026 0.1080 0.0119 0.0056	0.9770 0.9317 0.9998 1.0000 1.0000 0.9973 0.9974 0.8920 0.9881 0.9944	68.19 66.62 62.07 62.06 62.06 62.06 61.89 61.73 55.06 54.40
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	4,748 4,500 4,487 4,487 4,416 4,358 3,693 3,687 3,668 810	208 13 33 59 665 6 18	0.0438 0.0028 0.0000 0.0074 0.0133 0.1526 0.0017 0.0050 0.0000	0.9562 0.9972 1.0000 0.9926 0.9867 0.8474 0.9983 0.9950 1.0000 0.9323	54.10 51.73 51.58 51.58 51.20 50.52 42.81 42.74 42.53 42.53

ACCOUNT 355 POLES AND FIXTURES

PLACEMENT BAND 1924-2019 EXI				RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5	755 396 396 396 396		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	39.65 39.65 39.65 39.65 39.65
84.5	390		0.0000	1.0000	39.65

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES

120 ORIGINAL CURVE = 1918-2019 EXPERIENCE 1918-2019 PLACEMENTS 100 **IOWA 60-R2** 8 AGE IN YEARS 9 20 ٦° 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ ЗИВУІУІИ

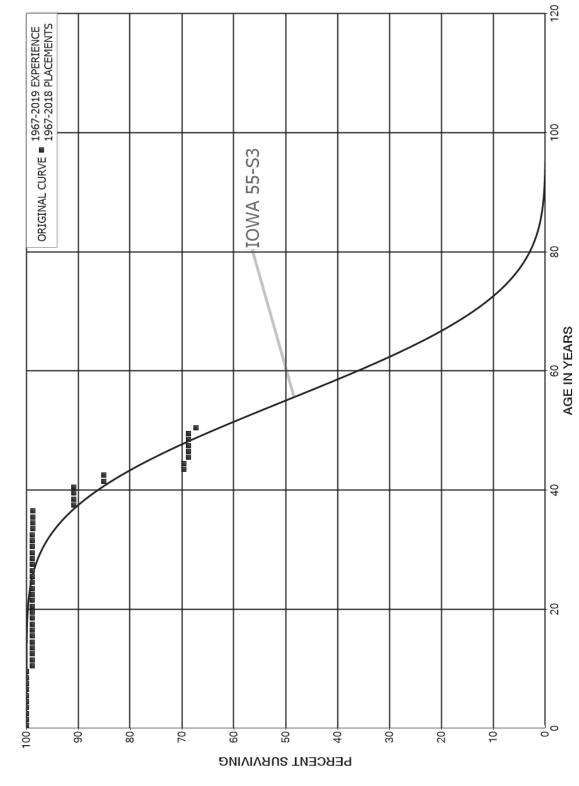
ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1918-2019		EXPE	RIENCE BAN	D 1918-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	59,651,872 55,237,257 56,357,517 56,887,922 55,380,228 52,411,577 51,521,264 50,709,881 43,855,157 43,207,851	217,362 61,201 178,281 205,763 174,788 142,356 104,368 308,364 351,050 127,066	0.0036 0.0011 0.0032 0.0036 0.0032 0.0027 0.0020 0.0061 0.0080 0.0029	0.9964 0.9989 0.9968 0.9964 0.9968 0.9973 0.9980 0.9939 0.9920 0.9971	100.00 99.64 99.53 99.21 98.85 98.54 98.27 98.07 97.48 96.70
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	42,566,037 40,890,348 40,778,961 37,836,838 36,839,213 35,341,739 35,327,753 34,371,308 28,921,475 27,386,116	240,771 44,831 211,912 220,957 91,955 55,516 273,097 77,515 57,785 50,394	0.0057 0.0011 0.0052 0.0058 0.0025 0.0016 0.0077 0.0023 0.0020 0.0018	0.9943 0.9989 0.9948 0.9942 0.9975 0.9984 0.9923 0.9977 0.9980 0.9982	96.41 95.87 95.76 95.26 94.71 94.47 94.32 93.59 93.38 93.20
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	27,304,142 26,779,343 26,653,681 25,693,678 25,690,624 25,045,270 22,491,909 22,285,266 21,512,538 21,185,214	246,112 57,579 70,441 153,116 184,830 99,106 89,954 34,591 81,832 71,249	0.0090 0.0022 0.0026 0.0060 0.0072 0.0040 0.0040 0.0016 0.0038 0.0034	0.9910 0.9978 0.9974 0.9940 0.9928 0.9960 0.9960 0.9984 0.9962 0.9966	93.02 92.19 91.99 91.74 91.20 90.54 90.18 89.82 89.68 89.34
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	20,690,318 20,242,253 19,933,793 19,596,291 19,193,456 18,778,370 18,698,456 18,093,605 16,380,507 16,286,854	131,335 35,780 126,389 114,936 187,757 127,519 33,874 83,033 14,989 16,462	0.0063 0.0018 0.0063 0.0059 0.0098 0.0068 0.0018 0.0046 0.0009	0.9937 0.9982 0.9937 0.9941 0.9902 0.9932 0.9982 0.9954 0.9991 0.9990	89.04 88.48 88.32 87.76 87.25 86.39 85.81 85.65 85.26

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1918-2019		EXPER	RIENCE BAN	D 1918-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	14,867,797 13,352,164 12,646,574 11,782,888 9,149,796 8,425,323 8,050,271 7,867,619 7,382,182 7,068,379	13,793 11,568 10,933 22,695 8,493 25,971 11,053 6,045 12,591 21,520	0.0009 0.0009 0.0009 0.0019 0.0009 0.0031 0.0014 0.0008 0.0017 0.0030	0.9991 0.9991 0.9981 0.9991 0.9969 0.9986 0.9992 0.9983 0.9970	85.09 85.01 84.94 84.87 84.70 84.62 84.36 84.25 84.18
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	6,837,305 4,690,718 4,457,299 4,259,288 4,070,959 3,953,929 3,835,358 3,578,279 2,379,946 2,356,980	18,103 6,754 31,905 20,469 12,073 6,544 209,833 6,427 15,262 2,937	0.0026 0.0014 0.0072 0.0048 0.0030 0.0017 0.0547 0.0018 0.0064 0.0012	0.9974 0.9986 0.9928 0.9952 0.9970 0.9983 0.9453 0.9982 0.9936	83.78 83.56 83.44 82.84 82.45 82.20 82.07 77.58 77.44 76.94
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	2,181,689 2,037,170 1,620,690 1,549,298 1,206,799 1,189,813 1,125,935 1,049,222 1,046,134 1,043,480	12,293 4,586 1,110 29,139 1,598 28,144 392 2,328 139	0.0056 0.0023 0.0007 0.0188 0.0013 0.0237 0.0003 0.0022 0.0001 0.0000	0.9944 0.9977 0.9993 0.9812 0.9987 0.9763 0.9997 0.9978 0.9999	76.84 76.41 76.24 76.19 74.75 74.65 72.89 72.86 72.70 72.69
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	994,043 737,996 727,181 726,839 726,820 726,761 726,449 726,407	114 172 329 19 52 139	0.0001 0.0002 0.0005 0.0000 0.0001 0.0002 0.0000	0.9999 0.9998 0.9995 1.0000 0.9999 0.9998 1.0000	72.69 72.68 72.67 72.63 72.63 72.63 72.61 72.61

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 357 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



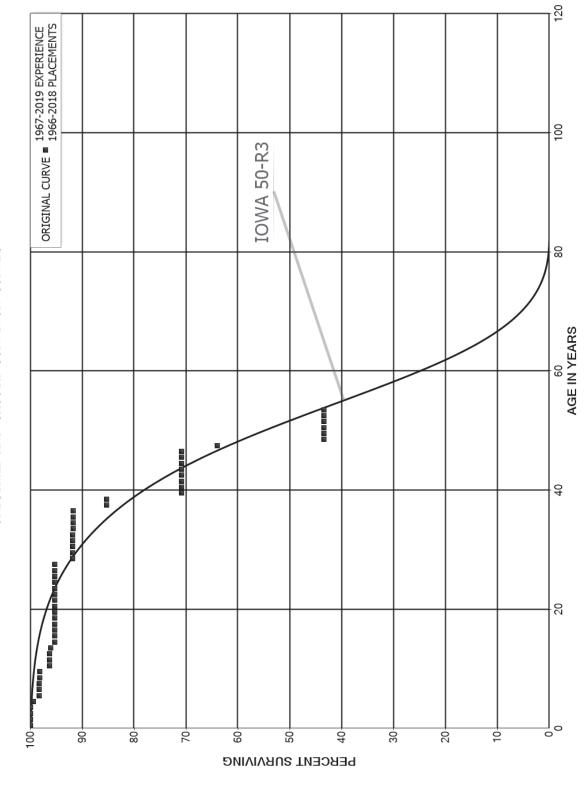
ACCOUNT 357 UNDERGROUND CONDUIT

PLACEMENT :	BAND 1967-2018		EXPE	RIENCE BAN	D 1967-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	2,829,947 2,829,947 2,700,767 2,700,767 2,700,767 2,701,205 2,467,980 1,889,600 1,881,193 1,880,752	441	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0002 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9998 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 99.98
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	1,880,752 1,858,713 1,858,713 1,865,133 1,858,713 1,855,900 1,841,504 1,833,845 1,833,845	22,040	0.0117 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9883 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.98 98.80 98.80 98.80 98.80 98.80 98.80 98.80 98.80
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,319,229 1,328,972 197,126 197,126 197,126 188,037 173,088 173,088 173,088		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	98.80 98.80 98.80 98.80 98.80 98.80 98.80 98.80 98.80
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	173,088 173,088 173,088 173,088 172,883 172,883 172,883 172,883 159,100	205 13,784	0.0000 0.0000 0.0000 0.0012 0.0000 0.0000 0.0797 0.0000 0.0000	1.0000 1.0000 0.9988 1.0000 1.0000 0.9203 1.0000 1.0000	98.80 98.80 98.80 98.69 98.69 98.69 98.69 90.82

ACCOUNT 357 UNDERGROUND CONDUIT

PLACEMENT BAND 1967-2018 EXPERIENCE BAND 1967-2					D 1967-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5	159,100 152,884 143,141	9,743	0.0000 0.0637 0.0000	1.0000 0.9363 1.0000	90.82 90.82 85.03
42.5 43.5	143,141 117,128	26,013	0.1817 0.0000	0.8183 1.0000	85.03 69.58
44.5 45.5 46.5 47.5 48.5	76,442 75,560 75,560 75,560 75,560	882	0.0115 0.0000 0.0000 0.0000 0.0000	0.9885 1.0000 1.0000 1.0000	69.58 68.78 68.78 68.78 68.78
49.5 50.5	75,560	1,697	0.0225	0.9775	68.78 67.23

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

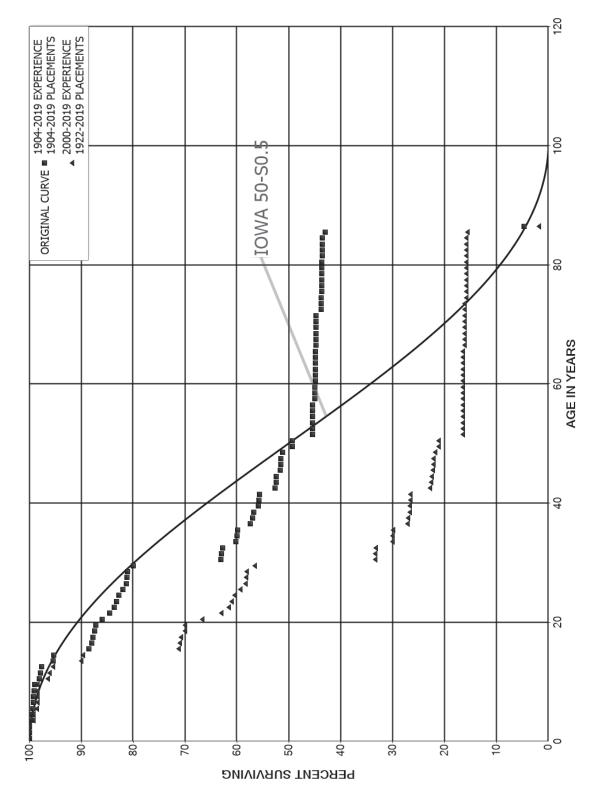
PLACEMENT E	BAND 1966-2018		EXPE	RIENCE BAN	D 1967-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	8,966,050 8,963,343 7,971,273 7,970,993 7,964,400 7,984,250 7,833,935 7,833,935 5,829,214 5,325,808	4,488 41,195 90,651 5,979	0.0005 0.0000 0.0000 0.0052 0.0114 0.0000 0.0000 0.0010	0.9995 1.0000 1.0000 0.9948 0.9886 1.0000 1.0000 0.9990 1.0000	100.00 99.95 99.95 99.95 99.95 99.43 98.30 98.30 98.30
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	5,325,808 5,221,104 5,221,104 5,221,104 5,212,611 5,113,726 5,099,810 5,093,265 5,154,310 4,629,157	104,704 8,492 45,983	0.0197 0.0000 0.0000 0.0016 0.0088 0.0000 0.0000 0.0000 0.0000	0.9803 1.0000 1.0000 0.9984 0.9912 1.0000 1.0000 1.0000	98.20 96.27 96.27 96.27 96.12 95.27 95.27 95.27 95.27
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	4,583,722 4,539,690 803,902 803,902 803,902 703,407 713,918 579,993 579,993 559,168	20,825	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0359 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9641 1.0000	95.27 95.27 95.27 95.27 95.27 95.27 95.27 95.27 95.27 91.85
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	559,168 559,168 559,168 559,168 558,253 558,253 558,253 558,253 519,125	916 39,128 88,163	0.0000 0.0000 0.0000 0.0016 0.0000 0.0000 0.0701 0.0000 0.1698	1.0000 1.0000 0.9984 1.0000 1.0000 1.0000 0.9299 1.0000 0.8302	91.85 91.85 91.85 91.85 91.70 91.70 91.70 91.70 85.27

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1966-2018 EXPERIENCE BAND 1967-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 430,962 0.0000 1.0000 70.79 40.5 430,962 1.0000 70.79 0.0000 41.5 420,730 0.0000 1.0000 70.79 42.5 420,730 0.0000 1.0000 70.79 43.5 414,596 0.0000 1.0000 70.79 44.5 217,326 0.0000 1.0000 70.79 156,281 1.0000 45.5 0.0000 70.79 156,281 46.5 15,084 0.0965 0.9035 70.79 47.5 141,197 0.3218 0.6782 45**,**435 63.96 48.5 95,762 0.0000 1.0000 43.38 49.5 95,762 0.0000 1.0000 43.38 28,522 0.0000 1.0000 50.5 43.38 28,522 51.5 0.0000 1.0000 43.38 52.5 10,511 0.0000 1.0000 43.38 53.5 43.38

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 361 STRUCTURES AND IMPROVMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 361 STRUCTURES AND IMPROVMENTS

PLACEMENT E	BAND 1904-2019		EXPER	RIENCE BAN	D 1904-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	15,211,673 9,423,411 9,711,604 10,973,556 11,031,679 11,004,119 10,868,183 10,263,420 8,355,505 7,923,222	1,519 89 47,829 1,362 33,392 10,135 1,942 4,871 6,845	0.0000 0.0002 0.0000 0.0044 0.0001 0.0030 0.0009 0.0002 0.0006 0.0009	1.0000 0.9998 1.0000 0.9956 0.9999 0.9970 0.9991 0.9998 0.9994 0.9991	100.00 100.00 99.98 99.95 99.55 99.53 99.23 99.14 99.12
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	7,186,971 6,994,808 6,985,566 6,890,853 6,579,337 6,302,101 5,841,513 5,646,282 5,633,970 5,523,463	67,412 15,385 19,434 153,730 10,431 444,658 36,968 12,312 24,944 9,456	0.0094 0.0022 0.0028 0.0223 0.0016 0.0706 0.0063 0.0022 0.0044 0.0017	0.9906 0.9978 0.9972 0.9777 0.9984 0.9294 0.9937 0.9978 0.9956 0.9983	98.98 98.05 97.83 97.56 95.39 95.23 88.51 87.95 87.76 87.37
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	5,458,009 5,379,164 5,214,976 5,018,916 4,844,839 4,750,040 4,679,971 4,453,447 4,284,761 4,207,499	79,823 87,974 56,019 28,826 24,720 41,941 42,830 5,789 2,579 57,985	0.0146 0.0164 0.0107 0.0057 0.0051 0.0088 0.0092 0.0013 0.0006 0.0138	0.9854 0.9836 0.9893 0.9943 0.9949 0.9912 0.9908 0.9987 0.9994	87.22 85.95 84.54 83.64 83.15 82.73 82.00 81.25 81.14 81.10
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	4,149,514 3,237,172 3,196,376 3,103,476 2,959,466 2,851,729 2,829,565 2,711,044 2,668,336 2,653,593	879,939 2,633 10,105 128,039 13,689 2,707 116,042 18,718 14,743 40,610	0.2121 0.0008 0.0032 0.0413 0.0046 0.0009 0.0410 0.0069 0.0055 0.0153	0.7879 0.9992 0.9968 0.9587 0.9954 0.9991 0.9590 0.9931 0.9945 0.9847	79.98 63.02 62.97 62.77 60.18 59.90 59.84 57.39 56.99 56.68

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

PLACEMENT	BAND 1904-2019		EXPER	RIENCE BAN	D 1904-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,497,448 2,424,392 2,304,958 2,037,280 2,010,623 1,949,211 1,922,229 1,809,411 1,805,790 1,743,996	4,629 3,026 123,731 9,244 2,404 25,760 4,366 582 10,790 64,144	0.0019 0.0012 0.0537 0.0045 0.0012 0.0132 0.0023 0.0003 0.0060 0.0368	0.9981 0.9988 0.9463 0.9955 0.9988 0.9868 0.9977 0.9997 0.9940	55.81 55.71 55.64 52.65 52.41 52.35 51.66 51.54 51.52 51.22
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,651,913 1,615,130 1,398,093 1,329,347 1,320,195 1,318,890 1,305,691 1,273,380 1,256,898 1,252,234	516 212 42 13,478	0.0004 0.0794 0.0000 0.0000 0.0004 0.0002 0.0000 0.0106 0.0000	0.9996 0.9206 1.0000 1.0000 0.9996 0.9998 1.0000 0.9894 1.0000	49.33 49.31 45.40 45.40 45.38 45.37 45.37 44.89 44.89
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	1,236,014 1,222,749 1,204,996 1,197,029 1,183,093 1,182,343 1,175,234 1,173,864 1,173,864 1,173,864	1,487 623 700 411	0.0012 0.0000 0.0000 0.0005 0.0006 0.0000 0.0003 0.0000 0.0000	0.9988 1.0000 1.0000 0.9995 0.9994 1.0000 0.9997 1.0000 1.0000	44.89 44.84 44.84 44.81 44.79 44.79 44.77 44.77
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,173,864 1,173,864 1,170,097 1,130,860 1,130,799 1,129,807 1,129,597 1,129,557 1,127,307 1,127,263	183 27,396 992 210 40 2,250	0.0000 0.0002 0.0234 0.0000 0.0009 0.0002 0.0000 0.0020 0.0000	1.0000 0.9998 0.9766 1.0000 0.9991 0.9998 1.0000 0.9980 1.0000	44.77 44.76 43.72 43.72 43.68 43.67 43.67 43.58 43.58

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

PLACEMENT	EXPE	RIENCE BAN	D 1904-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	1,122,733 1,122,321 1,119,586 1,119,549 1,119,549 1,105,202 118,769 88,567 88,567	2,735 14,347 986,433 17,850	0.0000 0.0024 0.0000 0.0000 0.0000 0.0128 0.8925 0.1503 0.0000	1.0000 0.9976 1.0000 1.0000 0.9872 0.1075 0.8497 1.0000	43.58 43.58 43.47 43.47 43.47 43.47 42.92 4.61 3.92 3.92
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	88,567 88,567 54,116 54,116 34,200 9,268 9,268	2,066 10,471	0.0000 0.0000 0.0000 0.0000 0.0382 0.3062 0.0000	1.0000 1.0000 1.0000 1.0000 0.9618 0.6938 1.0000	3.92 3.92 3.92 3.92 3.92 3.77 2.62 2.62 2.62

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

PLACEMENT	BAND 1922-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	10,851,614 5,063,353 4,980,892 4,898,917 4,986,612 5,241,069 5,190,267 5,109,173 3,404,387 3,080,822	47,829 32,860 6,566	0.0000 0.0000 0.0000 0.0098 0.0000 0.0063 0.0013 0.0013 0.0000	1.0000 1.0000 1.0000 0.9902 1.0000 0.9937 0.9987 1.0000 1.0000	100.00 100.00 100.00 100.00 99.02 99.02 98.40 98.28 98.28
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	2,376,561 2,212,075 2,304,643 2,292,430 2,191,207 2,028,732 1,612,250 1,580,484 1,588,735 1,479,364	49,375 7,524 16,152 130,053 8,379 416,816 5,488 6,541 15,972	0.0208 0.0034 0.0070 0.0567 0.0038 0.2055 0.0034 0.0041 0.0101 0.0000	0.9792 0.9966 0.9930 0.9433 0.9962 0.7945 0.9966 0.9959 0.9899 1.0000	98.28 96.24 95.91 95.24 89.83 89.49 71.10 70.86 70.57 69.86
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,556,431 1,602,941 2,409,805 2,512,182 2,366,515 2,294,138 2,243,581 2,184,549 2,041,766 2,147,512	75,737 87,474 54,579 23,341 22,606 39,985 41,180 3,245 2,579 57,385	0.0487 0.0546 0.0226 0.0093 0.0096 0.0174 0.0184 0.0015 0.0013	0.9513 0.9454 0.9774 0.9907 0.9904 0.9826 0.9816 0.9985 0.9987 0.9733	69.86 66.46 62.83 61.41 60.84 60.26 59.21 58.12 58.04 57.96
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,136,739 1,264,449 1,313,998 1,325,783 1,315,635 1,221,997 1,224,756 1,139,442 1,129,383 1,119,394	879,859 1,096 5,024 128,039 2,381 1,025 115,133 4,122 14,653	0.4118 0.0009 0.0038 0.0966 0.0018 0.0008 0.0940 0.0036 0.0130 0.0000	0.5882 0.9991 0.9962 0.9034 0.9982 0.9992 0.9060 0.9964 0.9870 1.0000	56.41 33.18 33.15 33.03 29.84 29.78 29.76 26.96 26.86 26.52

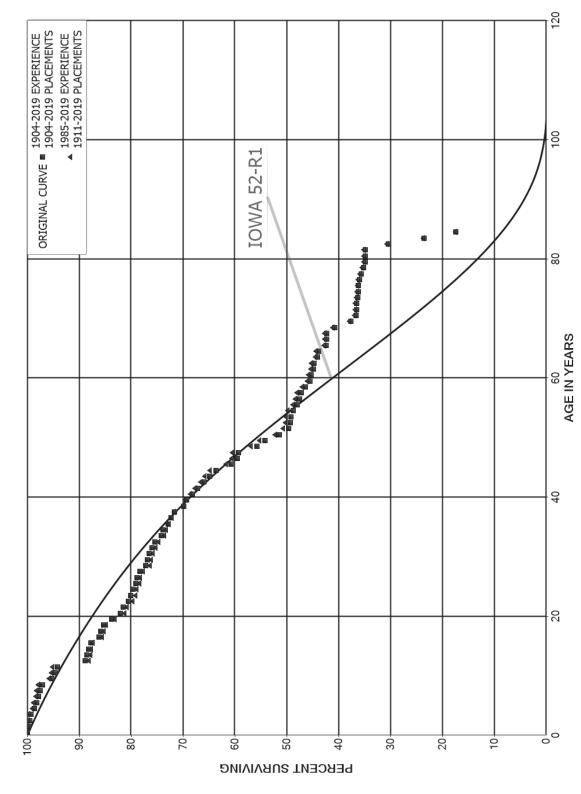
ACCOUNT 361 STRUCTURES AND IMPROVMENTS

PLACEMENT E	BAND 1922-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,041,571 982,003 880,322 703,578 691,738 630,418 631,347 519,488 516,449 458,889	2,919 3,026 123,731 9,244 2,404 4,958 4,366 8,790 12,996	0.0028 0.0031 0.1406 0.0131 0.0035 0.0079 0.0069 0.0000 0.0170 0.0283	0.9972 0.9969 0.8594 0.9869 0.9965 0.9921 0.9931 1.0000 0.9830 0.9717	26.52 26.44 26.36 22.65 22.36 22.28 22.10 21.95 21.95 21.58
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	417,954 381,171 212,034 155,129 146,038 143,601 130,614 98,303 95,299 90,679	646 83,913	0.0015 0.2201 0.0000 0.0000 0.0000 0.0000 0.0003 0.0000 0.0000	0.9985 0.7799 1.0000 1.0000 1.0000 0.9997 1.0000 1.0000	20.97 20.93 16.33 16.33 16.33 16.33 16.32 16.32 16.32
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	79,720 68,034 50,281 42,351 29,038 28,988 21,879 20,509 36,589 36,589	320 411	0.0040 0.0000 0.0000 0.0000 0.0000 0.0000 0.0188 0.0000 0.0000	0.9960 1.0000 1.0000 1.0000 1.0000 0.9812 1.0000 1.0000	16.32 16.25 16.25 16.25 16.25 16.25 16.25 15.95 15.95
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	36,589 36,589 67,456 55,615 55,554 72,412 86,873 86,873 1,127,307 1,127,263	992	0.0000 0.0000 0.0000 0.0000 0.0179 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9821 1.0000 1.0000 1.0000 1.0000	15.95 15.95 15.95 15.95 15.95 15.66 15.66 15.66

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

PLACEMENT 1	EXPE	RIENCE BAN	D 2000-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	1,122,733 1,122,321 1,119,586 1,119,549 1,119,549 1,105,202 118,769 88,567 88,567	2,735 14,347 986,433 17,850	0.0000 0.0024 0.0000 0.0000 0.0000 0.0128 0.8925 0.1503 0.0000	1.0000 0.9976 1.0000 1.0000 0.9872 0.1075 0.8497 1.0000	15.66 15.63 15.63 15.63 15.63 15.43 1.66 1.41
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5	88,567 88,567 54,116 54,116 54,116 34,200 9,268 9,268	2,066 10,471	0.0000 0.0000 0.0000 0.0000 0.0382 0.3062 0.0000	1.0000 1.0000 1.0000 1.0000 0.9618 0.6938 1.0000	1.41 1.41 1.41 1.41 1.35 0.94 0.94

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 362 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 362 STATION EQUIPMENT

PLACEMENT F	BAND 1904-2019		EXPEF	RIENCE BAN	D 1904-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	209,684,431 194,105,322 187,527,086 179,833,231 171,824,386 165,811,698 157,787,305 148,666,840 132,840,511 127,054,142	90,988 485,133 394,230 378,365 1,088,711 757,779 656,224 390,725 688,468 2,297,775	0.0004 0.0025 0.0021 0.0021 0.0063 0.0046 0.0042 0.0026 0.0052 0.0181	0.9996 0.9975 0.9979 0.9979 0.9937 0.9954 0.9958 0.9974 0.9948 0.9819	100.00 99.96 99.71 99.50 99.29 98.66 98.21 97.80 97.54
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	114,638,128 106,437,279 104,983,318 96,640,707 91,701,493 88,151,833 86,494,655 82,767,310 80,971,008 77,444,722	753,857 499,039 5,950,907 454,941 318,812 443,215 1,492,725 390,803 502,861 1,371,642	0.0066 0.0047 0.0567 0.0047 0.0035 0.0050 0.0173 0.0047 0.0062 0.0177	0.9934 0.9953 0.9433 0.9953 0.9965 0.9950 0.9827 0.9953 0.9938 0.9823	95.28 94.66 94.21 88.87 88.45 88.15 87.70 86.19 85.78 85.25
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	75,796,738 69,454,948 68,094,605 64,552,808 61,682,670 58,773,509 58,296,836 54,530,627 48,765,888 43,126,430	1,551,908 441,571 853,632 375,469 296,841 424,957 147,938 414,420 703,192 168,388	0.0205 0.0064 0.0125 0.0058 0.0048 0.0072 0.0025 0.0076 0.0144 0.0039	0.9795 0.9936 0.9875 0.9942 0.9952 0.9928 0.9975 0.9924 0.9856 0.9961	83.74 82.02 81.50 80.48 80.01 79.63 79.05 78.85 78.25 77.12
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	42,713,384 41,847,748 41,433,055 39,907,323 38,146,202 37,860,402 37,082,171 36,638,644 34,147,673 33,264,055	157,560 300,542 303,848 640,414 212,400 485,469 309,676 342,281 837,338 252,544	0.0037 0.0072 0.0073 0.0160 0.0056 0.0128 0.0084 0.0093 0.0245 0.0076	0.9963 0.9928 0.9927 0.9840 0.9944 0.9872 0.9916 0.9907 0.9755 0.9924	76.82 76.54 75.99 75.43 74.22 73.81 72.86 72.25 71.58 69.82



ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1904-2019		EXPE	RIENCE BAN	D 1904-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	33,150,611 30,695,231 26,035,674 23,263,926 21,667,119 19,882,494 17,424,065 16,063,134 15,266,101 13,308,680	537,264 473,077 469,268 374,119 396,518 930,294 334,706 72,351 919,524 354,697	0.0162 0.0154 0.0180 0.0161 0.0183 0.0468 0.0192 0.0045 0.0602 0.0267	0.9838 0.9846 0.9820 0.9839 0.9817 0.9532 0.9808 0.9955 0.9398 0.9733	69.29 68.17 67.12 65.91 64.85 63.66 60.68 59.52 59.25 55.68
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	11,994,208 10,256,348 9,293,326 8,752,429 7,988,936 7,576,126 6,996,440 6,948,398 6,495,439 6,328,128	629,288 353,489 59,143 22,245 60,557 133,901 51,067 48,493 121,608 121,407	0.0525 0.0345 0.0064 0.0025 0.0076 0.0177 0.0073 0.0070 0.0187 0.0192	0.9475 0.9655 0.9936 0.9975 0.9924 0.9823 0.9927 0.9930 0.9813 0.9808	54.20 51.35 49.58 49.27 49.14 48.77 47.91 47.56 47.23 46.34
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	5,667,216 5,553,684 4,371,963 3,751,468 3,299,769 2,589,653 1,980,175 1,748,565 1,679,041 1,548,141	15,100 58,299 12,775 58,980 10,333 87,142 5,649 1,731 58,724 121,385	0.0027 0.0105 0.0029 0.0157 0.0031 0.0337 0.0029 0.0010 0.0350 0.0784	0.9973 0.9895 0.9971 0.9843 0.9969 0.9663 0.9971 0.9990 0.9650 0.9216	45.45 45.33 44.86 44.73 44.02 43.89 42.41 42.29 42.25 40.77
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,408,736 1,238,585 1,229,011 1,127,026 1,116,765 1,110,796 1,110,256 1,057,353 1,023,459 820,893	35,688 2,769 1,275 5,030 5,969 476 6,592 7,560 14,280 7,006	0.0253 0.0022 0.0010 0.0045 0.0053 0.0004 0.0059 0.0071 0.0140 0.0085	0.9747 0.9978 0.9990 0.9955 0.9947 0.9996 0.9941 0.9929 0.9860 0.9915	37.57 36.62 36.54 36.50 36.34 36.14 36.13 35.91 35.66 35.16

ACCOUNT 362 STATION EQUIPMENT

PLACEMENT BAND 1904-2019				RIENCE BAN	D 1904-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	811,041 787,196 743,933 637,452 490,664 362,163 362,163 361,395 321,758 298,948	1,009 68 93,422 145,641 128,208	0.2285 0.2613 0.0000	0.9988 0.9999 0.8744 0.7715 0.7387 1.0000 0.9979 1.0000 1.0000	34.86 34.82 34.81 30.44 23.49 17.35 17.35 17.31 17.31
89.5 90.5 91.5 92.5 93.5	298,948 297,660 260,210 156,783		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	17.31 17.31 17.31 17.31 17.31

ACCOUNT 362 STATION EQUIPMENT

PLACEMENT H	BAND 1911-2019		EXPE	RIENCE BAN	D 1985-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	146,808,548 132,194,861 126,068,313 120,900,829 113,720,587 110,072,293 106,361,343 103,318,247 91,401,044 88,283,717	146,125 123,840 133,130 811,245 249,282 472,467 84,650 407,250 1,882,456	0.0000 0.0011 0.0010 0.0011 0.0071 0.0023 0.0044 0.0008 0.0045 0.0213	1.0000 0.9989 0.9990 0.9989 0.9929 0.9977 0.9956 0.9992 0.9955 0.9787	100.00 100.00 99.89 99.79 99.68 98.97 98.75 98.31 98.23 97.79
9.5	77,969,151 72,327,848 72,975,182 66,018,757 63,573,378 62,128,689 62,823,748 60,493,010 60,124,767 57,742,037	374,976	0.0048	0.9952	95.70
10.5		97,901	0.0014	0.9986	95.24
11.5		5,446,569	0.0746	0.9254	95.12
12.5		205,175	0.0031	0.9969	88.02
13.5		129,251	0.0020	0.9980	87.74
14.5		212,979	0.0034	0.9966	87.56
15.5		1,297,128	0.0206	0.9794	87.26
16.5		185,924	0.0031	0.9969	85.46
17.5		333,559	0.0055	0.9945	85.20
18.5		1,098,444	0.0190	0.9810	84.73
19.5	57,451,251	1,365,413	0.0238	0.9762	83.12
20.5	53,839,760	291,880	0.0054	0.9946	81.14
21.5	53,618,069	743,250	0.0139	0.9861	80.70
22.5	50,626,266	316,045	0.0062	0.9938	79.58
23.5	48,031,305	162,823	0.0034	0.9966	79.08
24.5	46,476,302	308,876	0.0066	0.9934	78.82
25.5	46,844,169	71,471	0.0015	0.9985	78.29
26.5	45,535,743	326,045	0.0072	0.9928	78.17
27.5	41,157,465	680,612	0.0165	0.9835	77.61
28.5	36,879,468	151,503	0.0041	0.9959	76.33
29.5	37,255,656	134,903	0.0036	0.9964	76.02
30.5	37,602,467	275,581	0.0073	0.9927	75.74
31.5	37,696,145	280,028	0.0074	0.9926	75.19
32.5	36,400,961	533,597	0.0147	0.9853	74.63
33.5	34,832,939	162,183	0.0047	0.9953	73.53
34.5	34,489,029	278,798	0.0081	0.9919	73.19
35.5	34,603,447	273,515	0.0079	0.9921	72.60
36.5	34,264,155	201,642	0.0059	0.9941	72.03
37.5	32,002,080	777,483	0.0243	0.9757	71.60
38.5	31,170,236	203,525	0.0065	0.9935	69.86



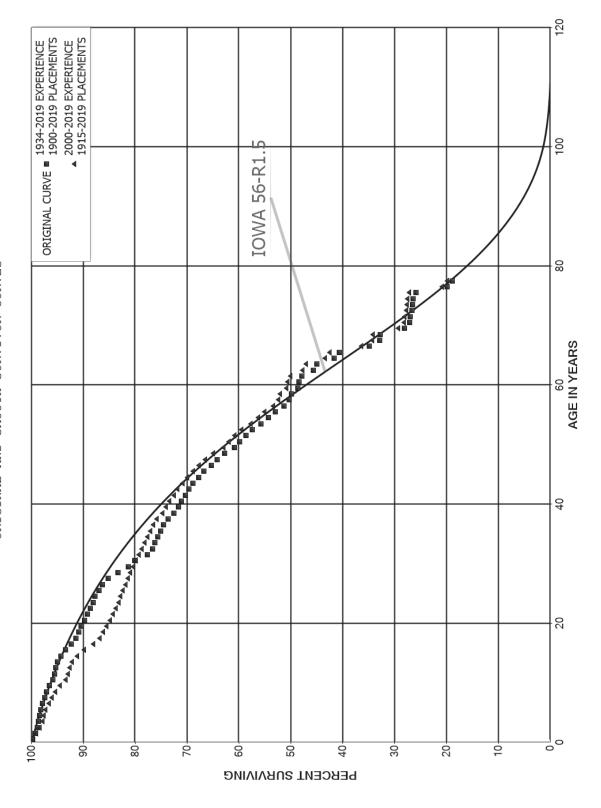
ACCOUNT 362 STATION EQUIPMENT

PLACEMENT	BAND 1911-2019		EXPER	RIENCE BAN	D 1985-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	30,924,438 28,543,167 23,874,299 21,219,067 19,960,220 18,320,990 15,945,050 14,635,700 13,872,890 12,029,298	384,201 396,389 381,585 250,435 303,665 879,088 287,705 38,730 808,294 349,254	0.0124 0.0139 0.0160 0.0118 0.0152 0.0480 0.0180 0.0026 0.0583 0.0290	0.9876 0.9861 0.9840 0.9882 0.9848 0.9520 0.9820 0.9974 0.9417 0.9710	69.41 68.54 67.59 66.51 65.73 64.73 61.62 60.51 60.35 56.83
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	10,722,212 9,035,346 8,142,426 7,677,428 6,945,667 6,537,014 5,985,519 5,975,087 5,629,250 5,714,194	578,294 283,387 59,143 13,323 56,887 129,268 50,907 48,493 119,734 121,407	0.0539 0.0314 0.0073 0.0017 0.0082 0.0198 0.0085 0.0081 0.0213 0.0212	0.9461 0.9686 0.9927 0.9983 0.9918 0.9802 0.9915 0.9919 0.9787 0.9788	55.18 52.21 50.57 50.20 50.11 49.70 48.72 48.31 47.91 46.90
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	5,219,127 5,305,287 4,209,551 3,716,145 3,264,446 2,554,330 1,945,012 1,713,402 1,654,757 1,524,081	15,100 58,115 12,775 58,980 10,333 86,982 5,649 1,731 58,724 121,385	0.0029 0.0110 0.0030 0.0159 0.0032 0.0341 0.0029 0.0010 0.0355 0.0796	0.9971 0.9890 0.9970 0.9841 0.9968 0.9659 0.9971 0.9990 0.9645 0.9204	45.90 45.77 45.27 45.13 44.41 44.27 42.76 42.64 42.60 41.08
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,384,676 1,214,525 1,204,951 1,102,966 1,116,765 1,110,796 1,110,256 1,057,353 1,023,459 820,893	35,688 2,769 1,275 5,030 5,969 476 6,592 7,560 14,280 7,006	0.0258 0.0023 0.0011 0.0046 0.0053 0.0004 0.0059 0.0071 0.0140 0.0085	0.9742 0.9977 0.9989 0.9954 0.9947 0.9996 0.9941 0.9929 0.9860 0.9915	37.81 36.84 36.75 36.71 36.55 36.35 36.34 36.12 35.86 35.36

ACCOUNT 362 STATION EQUIPMENT

PLACEMENT BAND 1911-2019 EXPERIENCE BAND 1				D 1985-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	811,041 787,196 743,933 637,452 490,664 362,163 362,163 361,395 321,758 298,948	1,009 68 93,422 145,641 128,208	0.2285 0.2613 0.0000	0.9988 0.9999 0.8744 0.7715 0.7387 1.0000 0.9979 1.0000 1.0000	35.06 35.02 35.01 30.62 23.62 17.45 17.45 17.41 17.41
89.5 90.5 91.5 92.5 93.5	298,948 297,660 260,210 156,783		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	17.41 17.41 17.41 17.41 17.41

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 364 POLES, TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	248,580,247 233,029,410 220,913,258 214,236,317 204,874,029 185,311,217 165,494,181 154,687,631 142,488,367 138,059,134	598,226 986,404 1,010,155 673,096 336,801 415,349 650,093 580,231 598,981 793,253	0.0024 0.0042 0.0046 0.0031 0.0016 0.0022 0.0039 0.0038 0.0042 0.0057	0.9976 0.9958 0.9954 0.9969 0.9984 0.9978 0.9961 0.9962 0.9958 0.9943	100.00 99.76 99.34 98.88 98.57 98.41 98.19 97.80 97.44 97.03
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	129,119,960 115,387,752 109,943,564 108,716,166 106,807,267 103,639,208 101,150,765 97,051,423 93,851,840 90,383,268	902,925 376,340 275,832 395,991 678,723 954,068 1,291,250 902,577 514,963 509,377	0.0070 0.0033 0.0025 0.0036 0.0064 0.0092 0.0128 0.0093 0.0055 0.0056	0.9930 0.9967 0.9975 0.9964 0.9936 0.9908 0.9872 0.9907 0.9945 0.9944	96.47 95.80 95.48 95.24 94.90 94.29 93.43 92.23 91.37 90.87
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	88,410,717 85,844,142 82,730,115 78,577,100 74,986,322 71,618,696 67,920,068 64,289,953 60,591,236 56,302,323	622,114 552,311 478,698 477,260 357,889 583,079 497,265 875,231 1,291,996 1,367,030	0.0070 0.0064 0.0058 0.0061 0.0048 0.0081 0.0073 0.0136 0.0213 0.0243	0.9930 0.9936 0.9942 0.9939 0.9952 0.9919 0.9927 0.9864 0.9787	90.36 89.73 89.15 88.63 88.09 87.67 86.96 86.32 85.15 83.33
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	51,918,687 47,993,417 43,545,372 40,567,397 37,786,360 35,014,151 32,500,323 29,291,293 26,635,312 23,876,073	815,370 1,438,662 544,893 283,374 264,395 254,986 252,197 318,429 417,845 273,017	0.0157 0.0300 0.0125 0.0070 0.0070 0.0073 0.0078 0.0109 0.0157 0.0114	0.9843 0.9700 0.9875 0.9930 0.9930 0.9927 0.9922 0.9891 0.9843 0.9886	81.31 80.03 77.63 76.66 76.13 75.59 75.04 74.46 73.65 72.50



ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	21,317,922 19,139,417 17,038,739 15,460,521 13,872,267 12,350,607 11,161,907 10,028,473 9,049,250 8,138,513	191,887 192,647 161,816 183,834 226,256 177,663 236,971 176,524 205,204 239,136	0.0090 0.0101 0.0095 0.0119 0.0163 0.0144 0.0212 0.0176 0.0227 0.0294	0.9910 0.9899 0.9905 0.9881 0.9837 0.9856 0.9788 0.9824 0.9773 0.9706	71.67 71.02 70.31 69.64 68.81 67.69 66.72 65.30 64.15 62.69
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	7,301,984 6,236,925 5,267,434 4,681,846 4,143,057 3,482,079 2,911,090 2,644,356 2,078,912 1,689,691	124,355 122,737 112,705 139,696 103,338 84,280 90,664 54,800 17,432 39,715	0.0170 0.0197 0.0214 0.0298 0.0249 0.0242 0.0311 0.0207 0.0084 0.0235	0.9830 0.9803 0.9786 0.9702 0.9751 0.9758 0.9689 0.9793 0.9916 0.9765	60.85 59.82 58.64 57.38 55.67 54.28 52.97 51.32 50.26 49.83
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	1,128,635 867,231 856,777 794,545 702,951 570,807 528,956 401,017 372,181 333,398	6,847 10,455 39,815 11,216 51,404 13,465 75,338 22,870 2,056 46,916	0.0061 0.0121 0.0465 0.0141 0.0731 0.0236 0.1424 0.0570 0.0055 0.1407	0.9939 0.9879 0.9535 0.9859 0.9269 0.9764 0.8576 0.9430 0.9945 0.8593	48.66 48.37 47.79 45.56 44.92 41.64 40.65 34.86 32.88 32.69
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	274,457 259,712 244,927 236,499 208,973 203,767 193,691 140,107 105,156 75,541	9,658 1,125 3,470 1,285 739 4,205 44,930 7,200 388 343	0.0352 0.0043 0.0142 0.0054 0.0035 0.0206 0.2320 0.0514 0.0037 0.0045	0.9648 0.9957 0.9858 0.9946 0.9965 0.9794 0.7680 0.9486 0.9963 0.9955	28.09 27.10 26.99 26.61 26.46 26.37 25.82 19.83 18.81 18.74

ACCOUNT 364 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE E				RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL		RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	53,390 35,421 19,932 7,789 5,676 3,449 2,750 2,304 2,304	•	0.0041 0.4119 0.0133 0.0067 0.0001 0.0000 0.2027 0.0000 0.0000	0.9959 0.5881 0.9867 0.9933 0.9999 1.0000 0.7973 1.0000 1.0000	18.66 18.58 10.93 10.78 10.71 10.71 10.71 8.54 8.54 8.54
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	2,304 2,304 2,304 2,304 2,304 833 833 833 833 833	1	0.0004 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9996 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	8.54 8.53 8.53 8.53 8.53 8.53 8.53 8.53 8.53
99.5 100.5 101.5 102.5 103.5	833 833 833 833		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	8.53 8.53 8.53 8.53 8.53

104.5

8.53

ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT H	BAND 1915-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	159,843,116 146,320,070 136,996,293 134,385,632 128,498,365 112,257,120 95,871,265 88,495,845 79,329,974 77,223,208	598,226 982,021 1,000,873 659,845 318,443 391,367 620,822 542,845 553,059 741,413	0.0037 0.0067 0.0073 0.0049 0.0025 0.0035 0.0065 0.0061 0.0070 0.0096	0.9963 0.9933 0.9927 0.9951 0.9975 0.9965 0.9935 0.9930 0.9904	100.00 99.63 98.96 98.23 97.75 97.51 97.17 96.54 95.95 95.28
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	71,572,156 61,208,607 59,096,585 60,547,062 61,635,347 61,219,954 61,320,027 60,552,838 59,995,559 58,798,050	848,145 241,392 216,811 336,509 617,756 893,626 1,232,514 844,631 459,055 455,964	0.0119 0.0039 0.0037 0.0056 0.0100 0.0146 0.0201 0.0139 0.0077 0.0078	0.9881 0.9961 0.9963 0.9944 0.9900 0.9854 0.9799 0.9861 0.9923 0.9922	94.36 93.25 92.88 92.54 92.02 91.10 89.77 87.97 86.74 86.08
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	59,452,612 59,284,205 58,434,516 55,955,789 54,113,437 52,251,998 50,085,839 47,813,261 45,738,114 43,385,672	443,214 397,162 391,716 369,982 259,454 265,429 321,365 251,773 297,061 281,265	0.0075 0.0067 0.0067 0.0066 0.0048 0.0051 0.0064 0.0053 0.0065	0.9925 0.9933 0.9934 0.9952 0.9949 0.9936 0.9947 0.9935 0.9935	85.41 84.77 84.20 83.64 83.09 82.69 82.27 81.74 81.31 80.78
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	40,908,950 38,328,570 35,812,260 33,788,079 31,346,666 29,188,712 27,214,232 24,540,444 22,502,619 20,213,566	264,200 250,967 258,821 250,504 232,553 202,347 204,569 210,919 319,447 180,396	0.0065 0.0065 0.0072 0.0074 0.0074 0.0069 0.0075 0.0086 0.0142 0.0089	0.9935 0.9935 0.9928 0.9926 0.9926 0.9931 0.9925 0.9914 0.9858 0.9911	80.26 79.74 79.22 78.65 78.06 77.48 76.95 76.37 75.71 74.64

ACCOUNT 364 POLES, TOWERS AND FIXTURES

PLACEMENT H	BAND 1915-2019		EXPER	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	18,269,378 16,350,898 14,304,615 13,509,499 12,452,081 11,110,917 9,968,734 9,346,747 8,403,351 7,630,492	176,783 179,971 148,904 172,276 174,953 168,758 162,952 170,629 197,363 228,629	0.0097 0.0110 0.0104 0.0128 0.0141 0.0152 0.0163 0.0183 0.0235 0.0300	0.9903 0.9890 0.9896 0.9872 0.9859 0.9848 0.9837 0.9817 0.9765 0.9700	73.97 73.25 72.45 71.69 70.78 69.79 68.73 67.60 66.37 64.81
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,816,495 5,770,690 4,870,590 4,368,122 3,864,849 3,217,804 2,665,083 2,417,738 1,899,973 1,544,976	110,188 109,501 103,504 130,392 93,896 71,882 79,929 46,107 12,435 36,550	0.0162 0.0190 0.0213 0.0299 0.0243 0.0223 0.0300 0.0191 0.0065 0.0237	0.9838 0.9810 0.9787 0.9701 0.9757 0.9777 0.9700 0.9809 0.9935 0.9763	62.87 61.85 60.68 59.39 57.62 56.22 54.96 53.31 52.29 51.95
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	1,048,657 807,511 800,041 752,077 663,068 555,211 518,449 391,226 363,194 324,745	4,339 8,367 37,425 10,692 51,358 12,528 74,623 22,511 1,721 46,581	0.0041 0.0104 0.0468 0.0142 0.0775 0.0226 0.1439 0.0575 0.0047 0.1434	0.9959 0.9896 0.9532 0.9858 0.9225 0.9774 0.8561 0.9425 0.9953 0.8566	50.72 50.51 49.99 47.65 46.97 43.34 42.36 36.26 34.17 34.01
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	266,139 251,619 237,103 229,029 201,580 198,545 189,937 137,340 102,783 73,556	9,433 855 3,116 1,208 738 2,736 43,944 6,805	0.0354 0.0034 0.0131 0.0053 0.0037 0.0138 0.2314 0.0495 0.0000	0.9646 0.9966 0.9869 0.9947 0.9963 0.9862 0.7686 0.9505 1.0000	29.13 28.10 28.01 27.64 27.49 27.39 27.01 20.76 19.73



ACCOUNT 364 POLES, TOWERS AND FIXTURES

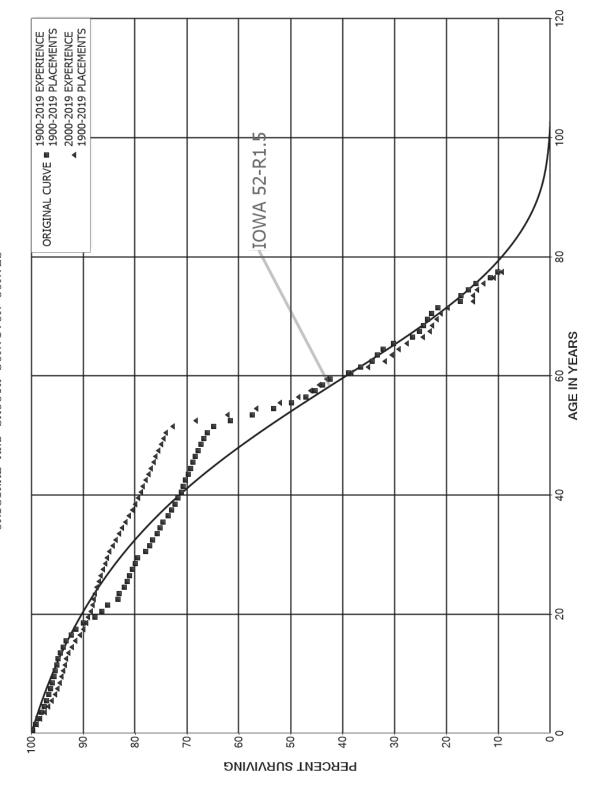
ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1915-2019		EXPERIENCE BAND 2000-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	51,749 34,000 18,780 6,903 4,842 3,448 2,749 2,304 2,304	14 , 323	0.0000 0.4213 0.0000 0.0000 0.0000 0.0000 0.2028 0.0000 0.0000	1.0000 0.5787 1.0000 1.0000 1.0000 0.7972 1.0000 1.0000	19.73 19.73 11.42 11.42 11.42 11.42 11.42 9.11 9.11
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	2,304 2,304 2,304 2,304 2,304 833 833 833 833 833		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	9.11 9.11 9.11 9.11 9.11 9.11 9.11 9.11
99.5 100.5 101.5 102.5 103.5	833 833 833 833 833		0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	9.11 9.11 9.11 9.11 9.11

104.5

9.11

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	419,101,853 404,822,474 388,313,604 351,177,795 343,382,795 318,332,407 276,801,364 263,891,278 245,546,178 237,625,194	1,136,817 2,138,661 1,913,710 2,424,714 1,731,540 1,383,955 1,366,499 960,253 863,636 777,611	0.0027 0.0053 0.0049 0.0069 0.0050 0.0043 0.0049 0.0036 0.0035	0.9973 0.9947 0.9951 0.9931 0.9950 0.9957 0.9951 0.9964 0.9965 0.9967	100.00 99.73 99.20 98.71 98.03 97.54 97.11 96.63 96.28 95.94
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	224,896,510 198,395,329 192,006,819 186,421,999 178,969,145 173,585,090 167,018,065 152,084,345 139,092,151 129,931,388	658,894 574,045 584,752 667,305 1,098,202 1,164,035 1,756,056 1,463,424 2,140,564 3,182,998	0.0029 0.0029 0.0030 0.0036 0.0061 0.0067 0.0105 0.0096 0.0154 0.0245	0.9971 0.9970 0.9970 0.9964 0.9939 0.9933 0.9895 0.9904 0.9846 0.9755	95.63 95.35 95.07 94.78 94.44 93.86 93.24 92.26 91.37 89.96
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	115,749,950 107,688,384 103,270,773 95,868,734 91,914,186 83,605,773 79,995,311 76,049,942 71,594,453 66,761,706	1,767,565 1,419,856 2,352,528 332,855 1,051,781 563,565 500,690 479,399 458,312 423,726	0.0153 0.0132 0.0228 0.0035 0.0114 0.0067 0.0063 0.0063	0.9847 0.9868 0.9772 0.9965 0.9886 0.9933 0.9937 0.9936 0.9937	87.76 86.42 85.28 83.34 83.05 82.10 81.54 81.03 80.52 80.01
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	61,679,637 56,591,958 52,303,972 49,155,677 45,229,898 42,481,406 39,496,377 35,987,060 32,538,254 29,320,539	1,163,303 598,716 367,269 580,800 328,261 345,602 520,991 294,497 286,039 247,362	0.0189 0.0106 0.0070 0.0118 0.0073 0.0081 0.0132 0.0082 0.0088 0.0084	0.9811 0.9894 0.9930 0.9882 0.9927 0.9919 0.9868 0.9918 0.9912 0.9916	79.50 78.00 77.17 76.63 75.73 75.18 74.56 73.58 72.98 72.34



ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	25,957,536 22,440,365 19,180,135 16,721,275 14,497,381 12,442,231 11,121,090 9,675,878 8,419,206 7,079,984	239,164 114,963 117,887 119,831 103,920 83,604 70,064 68,761 76,268 59,821	0.0092 0.0051 0.0061 0.0072 0.0072 0.0067 0.0063 0.0071 0.0091 0.0084	0.9908 0.9949 0.9939 0.9928 0.9928 0.9933 0.9937 0.9929 0.9909	71.73 71.07 70.70 70.27 69.76 69.26 68.80 68.37 67.88 67.26
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,052,632 4,669,839 3,678,393 2,551,083 2,339,904 2,173,360 2,022,261 1,908,414 1,694,692 1,480,324	60,235 85,117 181,371 174,895 166,202 143,342 112,519 72,850 52,420 49,712	0.0100 0.0182 0.0493 0.0686 0.0710 0.0660 0.0556 0.0382 0.0309 0.0336	0.9900 0.9818 0.9507 0.9314 0.9290 0.9340 0.9444 0.9618 0.9691 0.9664	66.70 66.03 64.83 61.63 57.41 53.33 49.81 47.04 45.24 43.85
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	1,289,195 1,063,133 995,692 931,146 894,222 854,097 788,409 687,446 651,253 632,746	107,374 64,335 60,982 27,901 29,359 52,068 97,106 34,588 18,346 20,509	0.0833 0.0605 0.0612 0.0300 0.0328 0.0610 0.1232 0.0503 0.0282 0.0324	0.9167 0.9395 0.9388 0.9700 0.9672 0.9390 0.8768 0.9497 0.9718 0.9676	42.37 38.84 36.49 34.26 33.23 32.14 30.18 26.46 25.13 24.42
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	604,849 579,483 544,000 431,190 426,511 376,737 330,221 232,811 204,820 184,593	19,450 32,444 109,435 1,406 35,884 34,881 65,104 27,920 7,604 41,678	0.0322 0.0560 0.2012 0.0033 0.0841 0.0926 0.1972 0.1199 0.0371 0.2258	0.9678 0.9440 0.7988 0.9967 0.9159 0.9074 0.8028 0.8801 0.9629 0.7742	23.63 22.87 21.59 17.25 17.19 15.75 14.29 11.47 10.10 9.72

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT F	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	128,105 119,792 141,627 101,968 90,182 83,219 61,162 61,162 56,860 56,860	4,924 3,124 4,615 7,316 5,091 10,333	0.0384 0.0261 0.0326 0.0717 0.0565 0.1242 0.0000 0.0000 0.0000	0.9616 0.9739 0.9674 0.9283 0.9435 0.8758 1.0000 1.0000	7.53 7.24 7.05 6.82 6.33 5.97 5.23 5.23 5.23
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	56,860 38,273 38,273 38,273 38,273 33,508 33,508 33,508 33,508	18,587	0.3269 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.6731 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	5.23 3.52 3.52 3.52 3.52 3.52 3.52 3.52
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	33,508 32,465 31,766 29,971 28,746 28,634 28,634 28,332 26,683 26,556	5 , 673	0.0047 0.2136	0.9689 0.9785 0.9435 0.9591 0.9961 1.0000 0.9895 0.9418 0.9953 0.7864	3.52 3.41 3.34 3.15 3.02 3.01 3.01 2.98 2.80 2.79
109.5	20,884	20,884	1.0000		2.19

110.5

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT I	BAND 1900-2019		EXPEF	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	294,155,868 286,695,648 273,395,355 241,566,748 237,614,756 220,199,902 182,015,623 173,107,935 159,225,708 156,272,855	1,136,817 2,119,521 1,871,208 2,367,445 1,654,435 1,296,455 1,266,998 840,029 722,875 620,954	0.0039 0.0074 0.0068 0.0098 0.0070 0.0059 0.0070 0.0049 0.0045 0.0040	0.9961 0.9926 0.9932 0.9902 0.9930 0.9941 0.9930 0.9951 0.9955 0.9960	100.00 99.61 98.88 98.20 97.24 96.56 95.99 95.32 94.86 94.43
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	148,619,064 126,385,872 124,044,909 121,579,774 117,891,836 115,284,289 111,941,844 100,970,455 92,010,371 87,697,072	497,683 404,390 405,745 486,007 916,963 784,383 1,077,441 835,077 462,300 423,669	0.0033 0.0032 0.0033 0.0040 0.0078 0.0068 0.0096 0.0083 0.0050 0.0048	0.9967 0.9968 0.9967 0.9960 0.9922 0.9932 0.9904 0.9917 0.9950 0.9952	94.06 93.74 93.44 93.14 92.76 92.04 91.42 90.54 89.79 89.34
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	79,674,663 76,545,073 76,757,566 74,129,941 72,686,910 67,354,662 65,471,124 63,152,328 60,190,515 56,965,953	457,351 286,883 202,802 220,516 273,459 270,752 313,912 329,130 281,967 250,905	0.0057 0.0037 0.0026 0.0030 0.0038 0.0040 0.0048 0.0052 0.0047 0.0044	0.9943 0.9963 0.9974 0.9970 0.9962 0.9960 0.9952 0.9948 0.9953 0.9956	88.90 88.39 88.06 87.83 87.57 87.24 86.89 86.47 86.02 85.62
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	53,136,506 50,411,663 47,335,074 45,225,643 41,625,810 38,932,083 36,004,128 32,855,855 29,712,733 26,835,597	266,068 362,948 340,686 348,752 306,910 304,596 281,980 257,563 221,652 187,296	0.0050 0.0072 0.0072 0.0077 0.0074 0.0078 0.0078 0.0078 0.0075 0.0070	0.9950 0.9928 0.9923 0.9926 0.9922 0.9922 0.9922 0.9925 0.9930	85.24 84.81 84.20 83.60 82.95 82.34 81.70 81.06 80.42 79.82

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT	BAND 1900-2019		EXPEF	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	23,767,233 20,585,240 17,419,380 15,085,566 12,941,948 10,948,767 9,683,582 8,385,988 7,246,044 5,933,191	146,871 105,673 110,201 107,942 88,561 69,362 51,147 50,867 57,019 36,910	0.0062 0.0051 0.0063 0.0072 0.0068 0.0063 0.0053 0.0061 0.0079	0.9938 0.9949 0.9937 0.9928 0.9932 0.9937 0.9947 0.9939 0.9921 0.9938	79.26 78.77 78.37 77.87 77.32 76.79 76.30 75.90 75.44 74.84
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	4,936,137 3,612,055 2,652,709 1,724,204 1,548,592 1,430,642 1,347,151 1,324,073 1,132,740 1,051,529	28,004 66,618 162,013 153,976 138,231 117,248 91,225 61,977 41,169 36,655	0.0057 0.0184 0.0611 0.0893 0.0893 0.0820 0.0677 0.0468 0.0363 0.0349	0.9943 0.9816 0.9389 0.9107 0.9107 0.9180 0.9323 0.9532 0.9637 0.9651	74.38 73.96 72.59 68.16 62.07 56.53 51.90 48.38 46.12 44.44
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	899,045 687,951 645,495 643,689 648,827 657,234 607,088 535,192 525,857 513,889	99,696 58,034 58,635 26,581 28,257 36,526 68,038 28,881 11,807 19,128	0.1109 0.0844 0.0908 0.0413 0.0436 0.0556 0.1121 0.0540 0.0225 0.0372	0.8891 0.9156 0.9092 0.9587 0.9564 0.9444 0.8879 0.9460 0.9775 0.9628	42.89 38.14 34.92 31.75 30.44 29.11 27.49 24.41 23.10 22.58
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	487,374 464,132 431,105 320,690 316,727 300,230 262,675 189,146 161,155 140,928	17,325 29,988 107,041 690 15,802 25,920 41,223 27,920 7,604 41,678	0.0355 0.0646 0.2483 0.0022 0.0499 0.0863 0.1569 0.1476 0.0472 0.2957	0.9645 0.9354 0.7517 0.9978 0.9501 0.9137 0.8431 0.8524 0.9528 0.7043	21.74 20.96 19.61 14.74 14.71 13.97 12.77 10.76 9.18 8.74

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

PLACEMENT 1	BAND 1900-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	84,440 76,127 97,962 58,303 46,517 39,554 17,497 17,497 13,195	·	0.0583 0.0410 0.0471 0.1255 0.1095 0.2612 0.0000 0.0000 0.0000	0.9417 0.9590 0.9529 0.8745 0.8905 0.7388 1.0000 1.0000	6.16 5.80 5.56 5.30 4.63 4.13 3.05 3.05 3.05
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	13,195 4,765 4,765 4,765 4,765	8,430	0.6389 0.0000 0.0000 0.0000	0.3611 1.0000 1.0000 1.0000	3.05 1.10 1.10 1.10 1.10
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	33,508 32,465 31,766 29,971 28,746 28,634 28,634 28,332 26,683 26,556	1,043 699 1,795 1,225 112 302 1,649 126 5,673	0.0311 0.0215 0.0565 0.0409 0.0039 0.0000 0.0105 0.0582 0.0047 0.2136		
109.5 110.5	20,884	20,884	1.0000		

2000-2019 EXPERIENCE 1900-2019 PLACEMENTS ORIGINAL CURVE = 1900-2019 EXPERIENCE 100 IOWA 75-S4 ORIGINAL AND SMOOTH SURVIVOR CURVES 8 LOUISVILLE GAS AND ELECTRIC COMPANY ACCOUNT 366 UNDERGROUND CONDUIT ELECTRIC PLANT 49 20 1001 9 80 70 -09 50-40 30-20 10

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120

AGE IN YEARS

РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 366 UNDERGROUND CONDUIT

PLACEMENT H	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	91,100,308 91,585,899 87,034,499 82,002,413 80,050,481 77,605,757 75,592,828 73,981,310 69,625,733 69,590,053	10,604 14,007 33,599 1,528 4	0.0001 0.0002 0.0004 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9999 0.9998 0.9996 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 99.99 99.97 99.93 99.93 99.93 99.93 99.93 99.93
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	67,780,762 63,793,541 63,106,223 62,348,885 62,348,740 61,215,760 57,131,222 53,293,469 50,029,575 47,799,613	5,587 511 176 137 191	0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.93 99.92 99.92 99.92 99.92 99.92 99.92 99.92
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	46,030,894 45,031,211 43,476,239 39,743,200 35,391,614 30,687,205 26,899,029 22,748,429 20,793,294 18,308,962	2,380 107 42 431 44 15 1,053 518	0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000	1.0000 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000	99.92 99.92 99.92 99.92 99.91 99.91 99.91 99.91
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	16,527,683 14,670,654 13,297,257 12,713,746 11,418,224 10,664,228 10,337,824 9,847,311 9,197,052 8,760,866	397 398 1,094 1,365 3,850 1,789 13,098 6,051 7,930 6,289	0.0000 0.0000 0.0001 0.0001 0.0003 0.0002 0.0013 0.0006 0.0009 0.0007	1.0000 1.0000 0.9999 0.9999 0.9997 0.9998 0.9987 0.9994 0.9991	99.91 99.90 99.89 99.88 99.85 99.83 99.70 99.64 99.56

ACCOUNT 366 UNDERGROUND CONDUIT

PLACEMENT	BAND 1900-2019		EXPEF	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	8,117,625 7,725,162 7,174,003 6,667,030 6,125,535 5,714,169 5,302,276 4,679,536 4,229,215 3,707,116	10,289 30,706 33,848 9,905 9,710 6,646 4,564 7,288 2,885 4,421	0.0013 0.0040 0.0047 0.0015 0.0016 0.0012 0.0009 0.0016 0.0007	0.9987 0.9960 0.9953 0.9985 0.9984 0.9988 0.9991 0.9984 0.9993	99.49 99.36 98.96 98.50 98.35 98.20 98.08 98.00 97.84 97.78
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	3,365,793 3,128,048 2,930,662 2,768,867 2,650,710 2,583,599 2,490,906 2,392,964 2,330,425 2,280,198	5,170 5,742 1,431 35,023 14,847 33,727 14,919 3,069 21,434 7,337	0.0015 0.0018 0.0005 0.0126 0.0056 0.0131 0.0060 0.0013 0.0092 0.0032	0.9985 0.9982 0.9995 0.9874 0.9944 0.9869 0.9940 0.9987 0.9908	97.66 97.51 97.33 97.28 96.05 95.52 94.27 93.70 93.58 92.72
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	2,200,411 2,162,841 2,053,568 2,008,027 1,917,134 1,786,759 1,648,942 1,532,686 1,446,585 1,359,805	469 28,714 23,562 32,591 93,667 122,055 91,165 59,441 56,624 48,649	0.0002 0.0133 0.0115 0.0162 0.0489 0.0683 0.0553 0.0388 0.0391 0.0358	0.9998 0.9867 0.9885 0.9838 0.9511 0.9317 0.9447 0.9612 0.9609 0.9642	92.43 92.41 91.18 90.13 88.67 84.34 78.58 74.23 71.35 68.56
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,277,879 1,123,206 1,030,260 1,000,987 977,712 956,145 944,621 816,199 803,597 761,983	39,277 85,939 27,235 22,975 20,478 9,413 122,584 11,461 33,241 11,392	0.0307 0.0765 0.0264 0.0230 0.0209 0.0098 0.1298 0.0140 0.0414 0.0150	0.9693 0.9235 0.9736 0.9770 0.9791 0.9902 0.8702 0.9860 0.9586 0.9850	66.11 64.08 59.17 57.61 56.29 55.11 54.57 47.48 46.82 44.88

ACCOUNT 366 UNDERGROUND CONDUIT

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	723,027 717,328 664,301 664,281 662,662 662,662 662,662 662,662 662,662	381 1,717	0.0000 0.0005 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9995 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9974	44.21 44.19 44.19 44.19 44.19 44.19 44.19 44.19 44.19
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	660,945 526,781 400,398 97,213 61,226 11,740 11,740 11,740 11,740	134,164 126,382 303,185 35,987 34,750	0.2030 0.2399 0.7572 0.3702 0.5676 0.0000 0.0000 0.0000 0.0000	0.7970 0.7601 0.2428 0.6298 0.4324 1.0000 1.0000 1.0000	44.07 35.13 26.70 6.48 4.08 1.77 1.77 1.77
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	11,041 11,041 3,391 3,391 3,323 2,738 2,738 2,738 2,738	7,650 68 2,672	0.0000 0.6929 0.0000 0.0200 0.0000 0.0000 0.0000 0.9759 0.0000	1.0000 0.3071 1.0000 0.9800 1.0000 1.0000 1.0000 0.0241 1.0000	1.66 1.66 0.51 0.51 0.50 0.50 0.50 0.50 0.50
109.5 110.5 111.5 112.5 113.5 114.5	66 66 66 66	66	0.0000 0.0000 0.0000 0.0000 1.0000	1.0000 1.0000 1.0000 1.0000	0.01 0.01 0.01 0.01 0.01

ACCOUNT 366 UNDERGROUND CONDUIT

PLACEMENT H	BAND 1900-2019		EXPE	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	45,217,537 46,558,911 43,548,359 42,249,223 44,648,690 46,908,616 48,683,291 51,225,213 48,828,124 51,275,686	10,604 14,007 33,599 1,528 4	0.0002 0.0003 0.0008 0.0000 0.0000 0.0000 0.0000 0.0000	0.9998 0.9997 0.9992 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 99.98 99.95 99.87 99.87 99.87 99.87 99.86 99.86
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	51,247,719 49,117,601 49,801,009 49,623,954 50,918,023 50,531,016 46,787,218 43,426,950 40,807,703 39,006,751	5,587 511 176 137 191	0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.86 99.85 99.85 99.85 99.85 99.85 99.85 99.85
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	37,876,274 37,260,242 36,228,250 32,970,271 29,163,944 24,866,822 21,495,299 17,954,685 16,448,702 14,515,018	2,380 107 42 431 44 15 1,053 518	0.0000 0.0001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0000	1.0000 0.9999 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000	99.85 99.85 99.84 99.84 99.84 99.84 99.84 99.84 99.83
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	13,106,310 11,492,660 10,318,295 9,898,472 8,692,264 8,026,220 7,772,635 7,400,075 6,811,799 6,406,072	397 398 1,094 1,365 3,850 1,782 10,734 6,031 6,264 6,109	0.0000 0.0000 0.0001 0.0001 0.0004 0.0002 0.0014 0.0008 0.0009 0.0010	1.0000 1.0000 0.9999 0.9999 0.9996 0.9998 0.9986 0.9992 0.9991	99.83 99.83 99.82 99.81 99.80 99.76 99.73 99.60 99.51



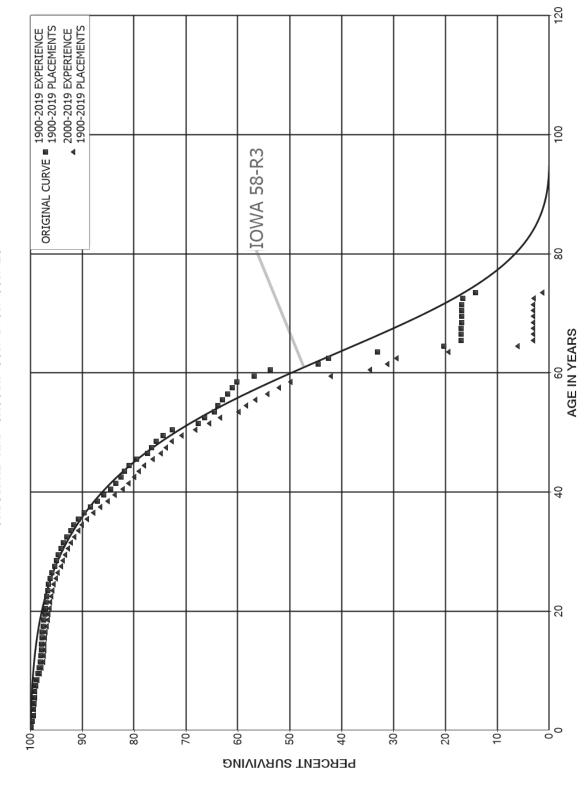
ACCOUNT 366 UNDERGROUND CONDUIT

PLACEMENT	BAND 1900-2019		EXPER	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	5,835,461 5,486,643 5,016,839 4,586,401 4,103,377 3,730,126 3,334,206 2,775,082 2,357,991 1,903,633	3,745 29,910 32,706 9,736 8,303 6,435 4,264 5,885 2,327 3,691	0.0006 0.0055 0.0065 0.0021 0.0020 0.0017 0.0013 0.0021 0.0010 0.0019	0.9994 0.9945 0.9935 0.9979 0.9980 0.9983 0.9987 0.9979 0.9990	99.33 99.26 98.72 98.08 97.87 97.67 97.51 97.38 97.17
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,596,317 1,497,525 1,310,918 1,191,160 1,075,466 1,012,718 923,044 837,069 786,495 766,626	2,430 1,970 955 32,860 11,574 32,819 8,789 1,570 9	0.0015 0.0013 0.0007 0.0276 0.0108 0.0324 0.0095 0.0019 0.0000 0.0059	0.9985 0.9987 0.9993 0.9724 0.9892 0.9676 0.9905 0.9981 1.0000 0.9941	96.89 96.74 96.62 96.54 93.88 92.87 89.86 89.01 88.84
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	741,149 712,945 693,701 663,732 607,310 540,684 661,236 600,205 570,392 523,706	25,944 8,391 31,733 7,519 35,941 3,152 16,530 12,636	0.0000 0.0364 0.0121 0.0000 0.0523 0.0139 0.0544 0.0053 0.0290 0.0241	1.0000 0.9636 0.9879 1.0000 0.9477 0.9861 0.9456 0.9947 0.9710	88.32 88.32 85.10 84.07 84.07 79.68 78.57 74.30 73.91 71.77
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	477,793 362,331 323,052 321,014 315,050 937,961 926,437 798,016 785,413 743,799	67 32,271 5,664 20,478 9,413 122,584 11,461 33,241 11,392	0.0001 0.0891 0.0000 0.0176 0.0650 0.0100 0.1323 0.0144 0.0423 0.0153	0.9999 0.9109 1.0000 0.9824 0.9350 0.9900 0.8677 0.9856 0.9577	70.04 70.03 63.79 63.79 62.67 58.59 58.01 50.33 49.61 47.51

ACCOUNT 366 UNDERGROUND CONDUIT

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	704,844 699,144 646,117 646,097 644,478 653,480 653,480 653,480 653,480	381	0.0000 0.0005 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9995 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	46.78 46.75 46.75 46.75 46.75 46.75 46.75 46.75 46.75
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	653,480 519,316 392,934 90,857 58,488 11,674 11,674 11,674 11,674	134,164 126,382 302,077 32,368 34,750	0.2053 0.2434 0.7688 0.3563 0.5941 0.0000 0.0000 0.0000 0.0000	0.7947 0.7566 0.2312 0.6437 0.4059 1.0000 1.0000 1.0000	46.75 37.16 28.11 6.50 4.18 1.70 1.70 1.70
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	11,041 11,041 3,391 3,391 3,323 2,738 2,738 2,738 2,738	7,650 68 2,672	0.0000 0.6929 0.0000 0.0200 0.0000 0.0000 0.0000 0.9759 0.0000	1.0000 0.3071 1.0000 0.9800 1.0000 1.0000 1.0000 0.0241 1.0000	1.60 1.60 0.49 0.49 0.48 0.48 0.48 0.48 0.48
109.5 110.5 111.5 112.5 113.5 114.5	66 66 66 66	66	0.0000 0.0000 0.0000 0.0000 1.0000	1.0000 1.0000 1.0000 1.0000	0.01 0.01 0.01 0.01 0.01

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
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	320,830,830	375,610	0.0012	0.9988	100.00
0.5	294,935,193	689,736	0.0023	0.9977	99.88
1.5	276,958,017	592,927	0.0021	0.9979	99.65
2.5	256,044,646	239,494	0.0009	0.9991	99.44
3.5	243,670,396	177,921	0.0007	0.9993	99.34
4.5	217,777,366	95,386	0.0004	0.9996	99.27
5.5	164,077,679	151,962	0.0009	0.9991	99.23
6.5	158,304,673	219,245	0.0014	0.9986	99.14
7.5	143,418,715	253,485	0.0018	0.9982	99.00
8.5	135,508,002	446,981	0.0033	0.9967	98.82
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	117,321,177 98,357,207 92,474,991 90,253,899 88,911,776 86,457,473 83,160,426 77,162,360 73,724,901 68,914,003	293,264 222,669 91,993 64,788 41,231 43,917 47,271 185,851 92,259 90,077	0.0025 0.0023 0.0010 0.0007 0.0005 0.0005 0.0006 0.0024 0.0013 0.0013	0.9975 0.9977 0.9990 0.9993 0.9995 0.9995 0.9994 0.9976 0.9987	98.50 98.25 98.03 97.93 97.86 97.81 97.77 97.71 97.35
19.5	61,070,621	90,780	0.0015	0.9985	97.23
20.5	57,168,917	71,047	0.0012	0.9988	97.08
21.5	53,443,188	81,712	0.0015	0.9985	96.96
22.5	49,715,921	96,644	0.0019	0.9981	96.81
23.5	47,638,344	85,360	0.0018	0.9982	96.62
24.5	44,474,497	142,132	0.0032	0.9968	96.45
25.5	42,232,361	129,568	0.0031	0.9969	96.14
26.5	38,704,847	227,318	0.0059	0.9941	95.85
27.5	36,230,150	133,411	0.0037	0.9963	95.28
28.5	32,764,611	128,243	0.0039	0.9961	94.93
29.5	30,404,554	154,842	0.0051	0.9949	94.56
30.5	27,992,587	151,599	0.0054	0.9946	94.08
31.5	26,197,066	160,777	0.0061	0.9939	93.57
32.5	24,272,393	202,290	0.0083	0.9917	93.00
33.5	22,673,351	139,489	0.0062	0.9938	92.22
34.5	21,575,891	222,805	0.0103	0.9897	91.65
35.5	20,325,974	244,825	0.0120	0.9880	90.71
36.5	18,461,548	260,772	0.0141	0.9859	89.62
37.5	16,600,733	246,444	0.0148	0.9852	88.35
38.5	15,037,968	210,278	0.0140	0.9860	87.04

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	13,912,738 12,348,645 11,213,366 10,116,696 9,093,204 7,820,246 6,660,295 6,057,117 4,799,459 3,788,210	219,332 144,319 126,329 90,384 98,163 134,375 174,881 65,564 52,553 68,936	0.0158 0.0117 0.0113 0.0089 0.0108 0.0172 0.0263 0.0108 0.0109 0.0182	0.9842 0.9883 0.9887 0.9911 0.9892 0.9828 0.9737 0.9892 0.9891 0.9818	85.82 84.47 83.48 82.54 81.80 80.92 79.53 77.44 76.60 75.76
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	3,209,869 2,828,543 2,332,101 2,042,169 1,875,926 1,758,250 1,679,081 1,582,278 1,558,714 1,534,963	76,155 195,112 40,550 58,399 19,985 23,268 27,114 23,565 23,751 83,888	0.0237 0.0690 0.0174 0.0286 0.0107 0.0132 0.0161 0.0149 0.0152 0.0547	0.9763 0.9310 0.9826 0.9714 0.9893 0.9868 0.9839 0.9851 0.9848 0.9453	74.39 72.62 67.61 66.44 64.54 63.85 63.00 61.99 61.06 60.13
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	1,451,075 1,371,059 431,355 285,574 222,076 136,332 114,001 106,716 106,715 105,740	80,016 235,396 19,485 63,498 85,744 22,331 16 1 975	0.0551 0.1717 0.0452 0.2224 0.3861 0.1638 0.0001 0.0000 0.0091 0.0006	0.9449 0.8283 0.9548 0.7776 0.6139 0.8362 0.9999 1.0000 0.9909	56.85 53.71 44.49 42.48 33.03 20.28 16.96 16.96 16.96
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	105,681 105,681 105,681 99,854 85,580 85,479 77,590 75,357 75,298	1,216 14,274 100 7,890 2,232 60	0.0000 0.0000 0.0115 0.1429 0.0012 0.0923 0.0288 0.0008 0.0000	1.0000 1.0000 0.9885 0.8571 0.9988 0.9077 0.9712 0.9992 1.0000 1.0000	16.79 16.79 16.79 16.60 14.23 14.21 12.90 12.53 12.52



ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019				RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	75,298 75,298 75,298 75,298 75,298 75,298 75,298 75,298 75,298	246	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0033 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9967 1.0000	12.52 12.52 12.52 12.52 12.52 12.52 12.52 12.52 12.52 12.52
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	75,052 75,052 75,052 75,052 75,052 74,797 74,647 62,843 62,843 62,843	150 11,804	0.0000 0.0000 0.0000 0.0000 0.0020 0.1581 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9980 0.8419 1.0000 1.0000	12.48 12.48 12.48 12.48 12.48 12.45 10.48 10.48 10.48
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	62,843 62,843 62,843 62,843 62,843 62,843 62,843 62,843 3,016 3,016	59,827 3,016	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.9520 0.0000 1.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.0480 1.0000	10.48 10.48 10.48 10.48 10.48 10.48 10.48 10.48 0.50

109.5

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT H	BAND 1900-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	259,491,160 237,490,644 223,245,908 206,026,441 195,673,207 172,939,813 121,401,097 119,173,551 106,591,541 102,166,932	375,610 689,736 592,927 239,494 177,921 95,386 151,962 219,245 253,485 446,981	0.0014 0.0029 0.0027 0.0012 0.0009 0.0006 0.0013 0.0018 0.0024 0.0044	0.9986 0.9971 0.9973 0.9988 0.9991 0.9994 0.9987 0.9982 0.9976 0.9956	100.00 99.86 99.57 99.30 99.19 99.10 99.04 98.92 98.73 98.50
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	86,325,410 69,845,695 65,741,153 65,419,504 65,597,849 64,252,591 62,095,866 57,868,514 56,231,989 52,953,670	293,264 222,669 91,993 64,788 41,231 43,917 47,271 185,851 92,259 90,077	0.0034 0.0032 0.0014 0.0010 0.0006 0.0007 0.0008 0.0032 0.0016 0.0017	0.9966 0.9968 0.9986 0.9990 0.9994 0.9993 0.9992 0.9968 0.9984 0.9983	98.07 97.74 97.42 97.29 97.19 97.13 97.06 96.99 96.68 96.52
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	46,219,761 44,013,400 41,552,957 39,005,991 38,002,730 36,148,897 35,024,534 32,085,140 30,931,843 28,644,691	90,780 71,047 81,712 96,644 85,360 142,132 129,568 227,318 133,411 128,243	0.0020 0.0016 0.0020 0.0025 0.0022 0.0039 0.0037 0.0071 0.0043 0.0045	0.9980 0.9984 0.9980 0.9975 0.9978 0.9961 0.9963 0.9929 0.9957	96.36 96.17 96.01 95.82 95.59 95.37 95.00 94.64 93.97 93.57
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	26,910,991 24,871,742 23,479,169 21,911,619 20,470,797 19,515,965 18,355,687 16,595,182 14,734,367 13,171,601	154,842 151,599 160,777 202,290 139,489 222,805 244,825 260,772 246,444 210,278	0.0058 0.0061 0.0068 0.0092 0.0068 0.0114 0.0133 0.0157 0.0167	0.9942 0.9939 0.9932 0.9908 0.9932 0.9886 0.9867 0.9843 0.9833 0.9840	93.15 92.61 92.05 91.42 90.57 89.96 88.93 87.74 86.37 84.92

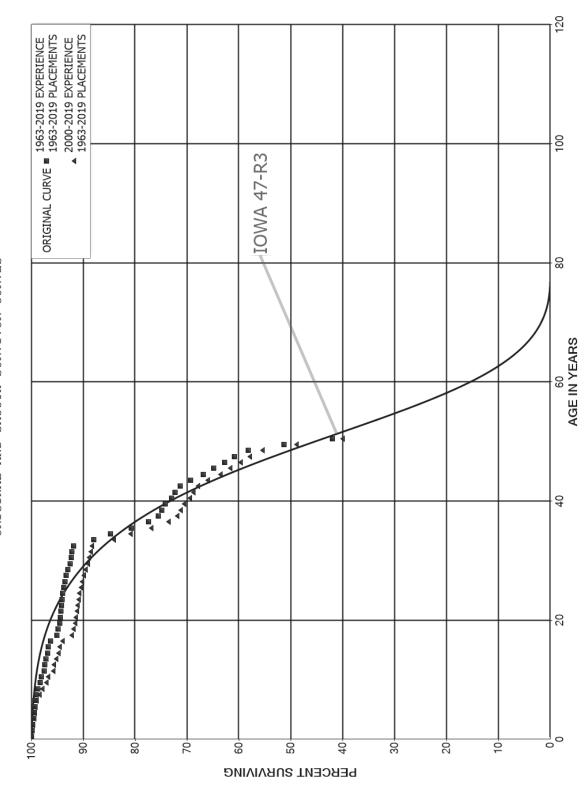
ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	12,046,371 10,482,279 9,346,999 8,642,107 7,618,615 6,345,656 5,185,706 4,897,056 3,639,397 2,628,148	219,332 144,319 126,329 90,384 98,163 134,375 110,098 65,564 52,553 68,936	0.0182 0.0138 0.0135 0.0105 0.0129 0.0212 0.0212 0.0134 0.0144 0.0262	0.9818 0.9862 0.9865 0.9895 0.9871 0.9788 0.9788 0.9866 0.9856	83.57 82.04 80.91 79.82 78.99 77.97 76.32 74.70 73.70 72.63
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	2,049,807 1,668,481 1,299,666 1,030,666 864,423 746,746 667,578 570,775 555,638 531,887	76,155 67,485 40,550 58,399 19,985 23,268 27,114 23,565 23,751 83,888	0.0372 0.0404 0.0312 0.0567 0.0231 0.0312 0.0406 0.0413 0.0427 0.1577	0.9628 0.9596 0.9688 0.9433 0.9769 0.9688 0.9594 0.9587 0.9573 0.8423	70.73 68.10 65.35 63.31 59.72 58.34 56.52 54.23 51.99 49.76
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	447,999 367,983 332,590 186,809 123,312 45,552 38,704 31,419 31,418 30,443	80,016 35,393 19,485 63,498 85,744 22,331 16 1 975	0.1786 0.0962 0.0586 0.3399 0.6953 0.4902 0.0004 0.0000 0.0310 0.0020	0.8214 0.9038 0.9414 0.6601 0.3047 0.5098 0.9996 1.0000 0.9690 0.9980	41.92 34.43 31.12 29.29 19.34 5.89 3.00 3.00 3.00 2.91
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	30,383 30,383 30,383 24,556 10,282 10,182 2,292 60	1,216 14,274 100 7,890 2,232 60	0.0000 0.0000 0.0400 0.5813 0.0098 0.7749 0.9739 1.0000	1.0000 1.0000 0.9600 0.4187 0.9902 0.2251 0.0261	2.90 2.90 2.90 2.79 1.17 1.16 0.26 0.01

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

PLACEMENT BAND 1900-2019			EXPER	IENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5					
84.5 85.5 86.5 87.5 88.5	12,454 12,454 12,454 12,454 12,209	246	0.0000 0.0000 0.0000 0.0197 0.0000		
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	12,209 12,209 12,209 12,209 11,954 11,804	150 11,804	0.0000 0.0000 0.0000 0.0000 0.0125 1.0000		
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	62,843 62,843 62,843 62,843 62,843 62,843 62,843 3,016 3,016	59,827 3,016	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.9520 0.0000 1.0000		
109.5					

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 368 LINE TRANSFORMERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 368 LINE TRANSFORMERS

PLACEMENT I	BAND 1963-2019		EXPE	RIENCE BAN	D 1963-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	190,496,006 183,149,348 176,453,347 172,436,275 168,489,382 160,380,009 154,558,409 150,776,883 145,811,677 140,784,700	86,842 266,422 155,553 155,814 161,346 120,508 200,595 460,036 433,221 689,984	0.0005 0.0015 0.0009 0.0009 0.0010 0.0008 0.0013 0.0031 0.0030 0.0049	0.9995 0.9985 0.9991 0.9991 0.9990 0.9987 0.9987 0.9969 0.9970	100.00 99.95 99.81 99.72 99.63 99.54 99.46 99.33 99.03 98.73
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	133,586,120 123,608,216 111,826,654 111,257,154 106,431,807 102,654,015 98,951,556 96,799,869 92,588,528 90,086,525	244,274 729,980 104,197 318,290 263,791 184,768 420,906 1,256,129 233,884 260,397	0.0018 0.0059 0.0009 0.0029 0.0025 0.0018 0.0043 0.0130 0.0025 0.0029	0.9982 0.9941 0.9991 0.9975 0.9975 0.9982 0.9957 0.9870 0.9975	98.25 98.07 97.49 97.40 97.12 96.88 96.71 96.30 95.05 94.81
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	86,386,356 82,299,706 80,281,794 76,437,397 74,019,677 71,371,617 68,623,974 65,960,499 62,284,319 57,915,786	81,105 99,504 104,418 97,935 132,099 150,183 157,923 185,847 179,649 261,087	0.0009 0.0012 0.0013 0.0013 0.0018 0.0021 0.0023 0.0028 0.0029 0.0045	0.9991 0.9988 0.9987 0.9987 0.9982 0.9979 0.9977 0.9971 0.9955	94.53 94.44 94.33 94.21 94.09 93.92 93.72 93.50 93.24 92.97
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	54,117,501 49,936,298 45,132,887 41,230,155 32,932,433 29,382,762 25,466,385 23,154,267 21,198,896 19,128,301	131,515 111,156 129,797 1,761,344 1,191,428 1,399,325 1,061,101 543,830 189,293 183,052	0.0024 0.0022 0.0029 0.0427 0.0362 0.0476 0.0417 0.0235 0.0089 0.0096	0.9976 0.9978 0.9971 0.9573 0.9638 0.9524 0.9583 0.9765 0.9911 0.9904	92.55 92.33 92.12 91.86 87.93 84.75 80.72 77.35 75.54 74.86



ACCOUNT 368 LINE TRANSFORMERS

PLACEMENT	EXPE	RIENCE BAN	D 1963-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	17,936,862 16,270,818 14,292,250 12,707,109 11,265,329 9,879,619 7,307,834 5,600,713 4,043,581 2,835,853	287,425 154,945 185,471 360,772 406,133 298,328 235,284 164,221 174,851 336,464	0.0160 0.0095 0.0130 0.0284 0.0361 0.0302 0.0322 0.0293 0.0432 0.1186	0.9840 0.9905 0.9870 0.9716 0.9639 0.9698 0.9678 0.9707 0.9568 0.8814	74.15 72.96 72.26 71.32 69.30 66.80 64.78 62.70 60.86 58.23
49.5 50.5 51.5 52.5	1,365,551 75,579 15,411	249,717 35,249	0.1829 0.4664 0.0000	0.8171 0.5336 1.0000	51.32 41.93 22.38 22.38

ACCOUNT 368 LINE TRANSFORMERS

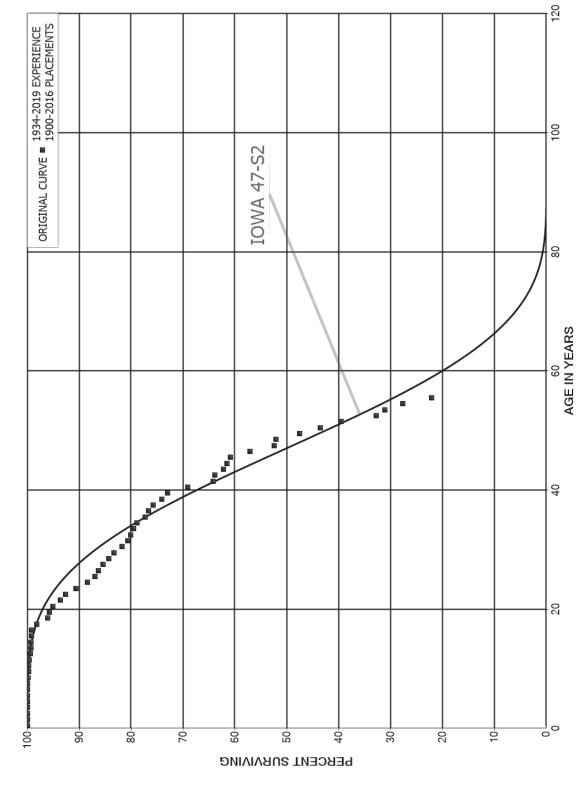
PLACEMENT F	BAND 1963-2019		EXPEF	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	103,145,061 99,817,859 95,143,141 94,932,083 93,360,466 87,904,989 84,745,758 83,533,380 82,139,863 81,439,107	86,842 266,422 155,553 155,814 161,346 120,508 200,595 460,036 433,221 689,984	0.0008 0.0027 0.0016 0.0016 0.0017 0.0014 0.0024 0.0055 0.0053	0.9992 0.9973 0.9984 0.9984 0.9983 0.9986 0.9976 0.9945 0.9947 0.9915	100.00 99.92 99.65 99.49 99.32 99.15 99.02 98.78 98.24 97.72
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	77,948,507 72,142,332 65,297,297 68,632,983 70,583,964 69,274,266 68,221,520 67,370,036 64,658,366 64,226,665	244,274 729,980 104,197 318,290 263,791 184,768 420,906 1,256,129 233,884 260,397	0.0031 0.0101 0.0016 0.0046 0.0037 0.0027 0.0062 0.0186 0.0036 0.0041	0.9969 0.9899 0.9984 0.9954 0.9963 0.9973 0.9938 0.9814 0.9964 0.9959	96.89 96.59 95.61 95.46 95.01 94.66 94.41 93.82 92.08 91.74
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	61,610,907 59,067,466 59,095,353 56,856,495 55,679,966 54,210,590 54,134,931 53,240,958 51,230,936 48,122,862	81,105 99,504 104,418 97,935 132,099 150,183 157,923 185,847 179,649 261,087	0.0013 0.0017 0.0018 0.0017 0.0024 0.0028 0.0029 0.0035 0.0035	0.9987 0.9983 0.9982 0.9983 0.9976 0.9972 0.9971 0.9965 0.9946	91.37 91.25 91.10 90.94 90.78 90.56 90.31 90.05 89.73
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	45,683,098 43,064,070 39,306,878 37,164,241 30,456,272 28,190,487 25,026,429 23,154,267 21,198,896 19,128,301	131,515 111,156 129,797 1,761,344 1,191,428 1,399,325 1,061,101 543,830 189,293 183,052	0.0029 0.0026 0.0033 0.0474 0.0391 0.0496 0.0424 0.0235 0.0089 0.0096	0.9971 0.9974 0.9967 0.9526 0.9609 0.9504 0.9576 0.9765 0.9911 0.9904	88.93 88.68 88.45 88.16 83.98 80.69 76.69 73.44 71.71



ACCOUNT 368 LINE TRANSFORMERS

PLACEMENT BAND 1963-2019 EXPERIENCE BAND 2000-2019					D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	17,936,862 16,270,818 14,292,250 12,707,109 11,265,329 9,879,619 7,307,834 5,600,713 4,043,581 2,835,853	287,425 154,945 185,471 360,772 406,133 298,328 235,284 164,221 174,851 336,464	0.0160 0.0095 0.0130 0.0284 0.0361 0.0302 0.0322 0.0293 0.0432 0.1186	0.9840 0.9905 0.9870 0.9716 0.9639 0.9698 0.9678 0.9707 0.9568 0.8814	70.39 69.26 68.60 67.71 65.79 63.42 61.50 59.52 57.78 55.28
49.5 50.5 51.5 52.5	1,365,551 75,579 15,411	249,717 35,249	0.1829 0.4664 0.0000	0.8171 0.5336 1.0000	48.72 39.81 21.24 21.24

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 369.1 SERVICES - UNDERGROUND
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 369.1 SERVICES - UNDERGROUND

PLACEMENT E	BAND 1900-2016		EXPE	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	14,724,015 14,724,316 14,732,268 14,731,067 14,729,248 14,728,055 7,681,151 7,575,243 6,381,098 5,749,692	203 1,201 397 1,193 1,631 1,627 2,309 6,288 2,795	0.0000 0.0000 0.0001 0.0000 0.0001 0.0001 0.0002 0.0003 0.0010 0.0005	1.0000 1.0000 0.9999 1.0000 0.9999 0.9999 0.9997 0.9990 0.9995	100.00 100.00 100.00 99.99 99.99 99.98 99.97 99.95 99.92 99.82
9.5	5,040,125	2,647 3,592 9,493 2,142 3,200 2,658 2,426 27,458 57,099 9,979	0.0005	0.9995	99.77
10.5	4,108,501		0.0009	0.9991	99.72
11.5	3,926,580		0.0024	0.9976	99.63
12.5	3,917,086		0.0005	0.9995	99.39
13.5	3,914,944		0.0008	0.9992	99.34
14.5	3,911,745		0.0007	0.9993	99.25
15.5	3,879,997		0.0006	0.9994	99.19
16.5	2,724,111		0.0101	0.9899	99.12
17.5	2,696,653		0.0212	0.9788	98.13
18.5	2,654,126		0.0038	0.9962	96.05
19.5	2,642,803	16,874 40,139 28,382 47,673 49,021 30,176 13,430 15,621 19,409 15,882	0.0064	0.9936	95.69
20.5	2,625,929		0.0153	0.9847	95.08
21.5	2,556,429		0.0111	0.9889	93.62
22.5	2,210,378		0.0216	0.9784	92.58
23.5	1,983,255		0.0247	0.9753	90.59
24.5	1,920,781		0.0157	0.9843	88.35
25.5	1,740,175		0.0077	0.9923	86.96
26.5	1,543,264		0.0101	0.9899	86.29
27.5	1,490,114		0.0130	0.9870	85.41
28.5	1,372,423		0.0116	0.9884	84.30
29.5	1,164,057	21,648	0.0186	0.9814	83.33
30.5	1,100,951	16,042	0.0146	0.9854	81.78
31.5	1,034,391	7,197	0.0070	0.9930	80.59
32.5	993,900	6,451	0.0065	0.9935	80.02
33.5	927,798	8,402	0.0091	0.9909	79.51
34.5	835,017	16,304	0.0195	0.9805	78.79
35.5	750,702	5,921	0.0079	0.9921	77.25
36.5	682,285	8,136	0.0119	0.9881	76.64
37.5	617,549	13,639	0.0221	0.9779	75.72
38.5	562,397	8,777	0.0156	0.9844	74.05



ACCOUNT 369.1 SERVICES - UNDERGROUND

PLACEMENT E	BAND 1900-2016		EXPER	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	524,939 442,654 381,006 358,169 298,904 265,404 244,805 204,284 175,121 158,970	27,768 31,537 1,532 9,306 3,258 2,967 15,060 16,965 988 13,887	0.0529 0.0712 0.0040 0.0260 0.0109 0.0112 0.0615 0.0830 0.0056 0.0874	0.9471 0.9288 0.9960 0.9740 0.9891 0.9888 0.9385 0.9170 0.9944 0.9126	72.90 69.04 64.12 63.86 62.20 61.53 60.84 57.10 52.35 52.06
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	138,554 121,134 107,602 87,036 78,742 63,415 43,841 36,593 31,341 19,643	11,537 11,128 18,628 4,432 8,645 12,712 5,998 3,418 5,584 1,398	0.0833 0.0919 0.1731 0.0509 0.1098 0.2005 0.1368 0.0934 0.1782 0.0712	0.9167 0.9081 0.8269 0.9491 0.8902 0.7995 0.8632 0.9066 0.8218 0.9288	47.51 43.55 39.55 32.71 31.04 27.63 22.09 19.07 17.29 14.21
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	17,946 17,446 13,617 9,763 8,215 8,083 6,406 6,276 6,098 4,592	213 1,432 2,286 364 228 2 62 1,506	0.0119 0.0821 0.1678 0.0373 0.0000 0.0282 0.0004 0.0099 0.2470 0.0000	0.9881 0.9179 0.8322 0.9627 1.0000 0.9718 0.9996 0.9901 0.7530 1.0000	13.20 13.04 11.97 9.96 9.59 9.59 9.32 9.32 9.32
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	4,592 4,592 4,592 4,592 2,584 2,572 1,786 283 270 95	2,008 12 786 1,503 12 175	0.0000 0.0000 0.0000 0.4373 0.0047 0.3056 0.8417 0.0441 0.6492 0.0000	1.0000 1.0000 1.0000 0.5627 0.9953 0.6944 0.1583 0.9559 0.3508 1.0000	6.95 6.95 6.95 3.91 3.89 2.70 0.43 0.41 0.14

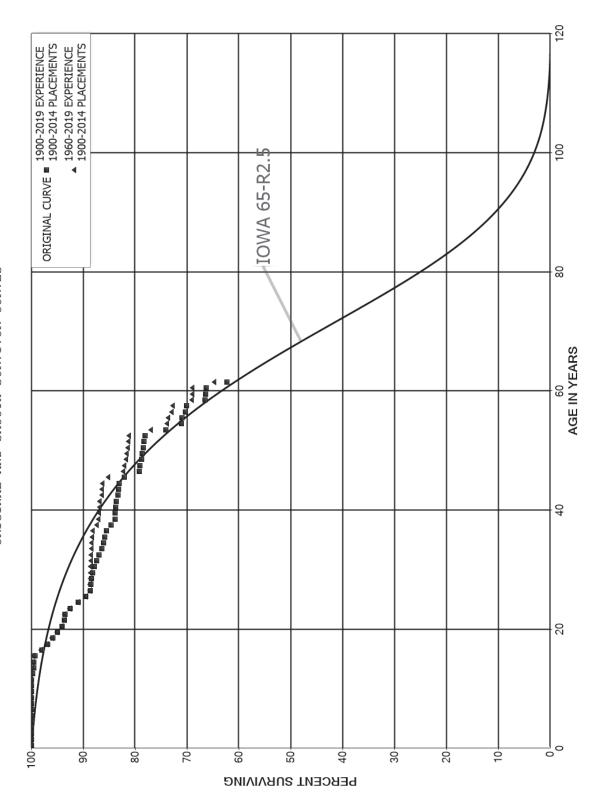
ACCOUNT 369.1 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016 EXPERIENCE BAND 1934-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT BEGIN OF SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 95 0.0000 1.0000 0.14 80.5 95 0.0000 1.0000 0.14 81.5 95 0.0000 1.0000 0.14 82.5 95 0.0000 1.0000 0.14 83.5 95 0.0000 1.0000 0.14 84.5 95 0.0000 1.0000 0.14 85.5 95 0.0000 1.0000 0.14 86.5 95 0.0000 1.0000 0.14 87.5 95 0.0000 1.0000 0.14 88.5 95 0.0000 1.0000 0.14 95 89.5 95 1.0000 0.14

90.5

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 369.2 SERVICES - OVERHEAD
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 369.2 SERVICES - OVERHEAD

PLACEMENT E	BAND 1900-2014		EXPEF	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	29,030,326 29,071,229 29,071,210 29,071,103 29,070,808 29,070,162 25,948,535 25,946,876 24,447,212 24,444,331	19 107 294 647 1,060 1,658 2,321 2,882 3,475	0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001 0.0001	1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 0.9999 0.9999	100.00 100.00 100.00 100.00 100.00 100.00 99.99 99.99 99.98 99.97
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	24,254,231 24,250,218 24,245,733 24,195,010 24,144,695 24,139,109 24,094,201 23,166,881 22,905,754 22,399,349	4,013 4,485 50,723 50,315 5,585 44,909 315,961 260,881 246,382 216,276	0.0002 0.0002 0.0021 0.0021 0.0002 0.0019 0.0131 0.0113 0.0108 0.0097	0.9998 0.9998 0.9979 0.9979 0.9998 0.9981 0.9869 0.9887 0.9892 0.9903	99.95 99.93 99.92 99.71 99.50 99.48 99.29 97.99 96.89 95.84
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	22,042,709 21,307,044 20,588,096 19,716,519 18,699,642 17,441,248 16,422,326 15,580,299 14,752,717 13,994,014	209,784 100,339 6,741 213,830 313,190 287,212 153,280 33,304 8,513 38,269	0.0095 0.0047 0.0003 0.0108 0.0167 0.0165 0.0093 0.0021 0.0006 0.0027	0.9905 0.9953 0.9997 0.9892 0.9833 0.9835 0.9907 0.9979	94.92 94.02 93.57 93.54 92.53 90.98 89.48 88.64 88.46
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	13,297,190 12,669,079 12,010,147 11,241,559 10,363,259 9,582,073 8,697,166 7,891,925 7,132,870 6,462,769	51,278 62,495 65,258 73,977 37,019 25,680 29,416 78,786 65,070 7,788	0.0039 0.0049 0.0054 0.0066 0.0036 0.0027 0.0034 0.0100 0.0091 0.0012	0.9961 0.9951 0.9946 0.9934 0.9964 0.9973 0.9966 0.9900 0.9909	88.16 87.82 87.39 86.91 86.34 86.03 85.80 85.51 84.66 83.89



ACCOUNT 369.2 SERVICES - OVERHEAD

		,			
PLACEMENT	BAND 1900-2014		EXPEF	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	5,871,288 5,340,738 4,850,454 4,393,626 3,980,454 3,615,684 3,272,783 2,849,077 2,560,814 2,304,966	5,307 4,298 21,420 6,548 4,869 44,135 113,381 5,249 10,596 3,842	0.0009 0.0008 0.0044 0.0015 0.0012 0.0122 0.0346 0.0018 0.0041 0.0017	0.9991 0.9992 0.9956 0.9985 0.9988 0.9878 0.9654 0.9982 0.9959 0.9983	83.79 83.71 83.64 83.27 83.15 83.05 82.03 79.19 79.05 78.72
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,101,360 1,881,095 1,679,696 1,488,310 1,218,266 974,257 797,316 651,071 604,264 550,597	4,748 4,028 2,700 76,332 49,230 2,825 7,107 2,418 30,758 647	0.0023 0.0021 0.0016 0.0513 0.0404 0.0029 0.0089 0.0037 0.0509 0.0012	0.9977 0.9979 0.9984 0.9487 0.9596 0.9971 0.9963 0.9491 0.9988	78.59 78.41 78.24 78.12 74.11 71.12 70.91 70.28 70.02 66.45
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	535,586 492,848 441,482 427,624 424,065 422,824 412,601 396,139 391,572 330,696	337 30,019 123 84 16 2,039 1,277 604 31,644 19,789	0.0006 0.0609 0.0003 0.0002 0.0000 0.0048 0.0031 0.0015 0.0808 0.0598	0.9994 0.9391 0.9997 0.9998 1.0000 0.9952 0.9969 0.9985 0.9192 0.9402	66.37 66.33 62.29 62.27 62.26 62.26 61.96 61.77 61.67 56.69
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	294,340 265,692 264,252 237,781 232,028 213,651 197,711 184,015 138,177 124,029	195 191 103 79 708 387 17,035 183 71	0.0007 0.0007 0.0004 0.0003 0.0000 0.0033 0.0020 0.0926 0.0013 0.0006	0.9993 0.9993 0.9996 0.9997 1.0000 0.9967 0.9980 0.9074 0.9987 0.9994	53.30 53.26 53.22 53.20 53.19 53.19 53.01 52.91 48.01 47.94



ACCOUNT 369.2 SERVICES - OVERHEAD

PLACEMENT H	BAND 1900-2014		EXPEF	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	101,036 64,995 64,622 45,266 44,189 25,666 21,066 21,034 21,022 21,010	10,366 49 27 20 86 32 12 13 5	0.1026 0.0008 0.0004 0.0004 0.0000 0.0034 0.0015 0.0006 0.0006	0.8974 0.9992 0.9996 0.9996 1.0000 0.9966 0.9985 0.9994 0.9998	47.92 43.00 42.97 42.95 42.93 42.93 42.79 42.72 42.70 42.67
90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	20,907 10,953 10,947 10,941 3,619 3,618 3,616 3,615 3,615	9,954 6 6 1 2 1	0.4761 0.0005 0.0006 0.0005 0.0003 0.0005 0.0002 0.0002	0.5239 0.9995 0.9994 0.9995 0.9997 0.9995 0.9998 0.9998	42.46 22.25 22.23 22.22 22.21 22.20 22.19 22.19 22.18
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	3,615 3,615 3,615 3,615 3,615 202 202 202 202 202		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18
109.5 110.5 111.5 112.5 113.5 114.5 115.5 116.5 117.5 118.5	202 202 202 202 202 32 32 32 32 32 32		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18 22.18

ACCOUNT 369.2 SERVICES - OVERHEAD

PLACEMENT I	BAND 1900-2014		EXPEF	RIENCE BAN	D 1960-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	25,864,755 26,103,929 26,328,036 26,581,336 26,882,695 27,135,081 24,223,081 24,401,098 23,049,465 23,193,903	19 107 294 647 1,060 1,658 2,321 2,882 3,475	0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.0001 0.0001	1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 0.9999 0.9999	100.00 100.00 100.00 100.00 100.00 100.00 99.99 99.99 99.98 99.96
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	23,115,426 23,216,614 23,306,031 23,330,727 23,323,208 23,338,488 23,310,974 22,398,938 22,171,084 21,700,511	4,013 4,485 4,923 50,315 5,585 44,909 315,961 260,881 246,382 216,276	0.0002 0.0002 0.0002 0.0022 0.0002 0.0019 0.0136 0.0116 0.0111	0.9998 0.9998 0.9978 0.9978 0.9998 0.9981 0.9864 0.9884 0.9889	99.95 99.93 99.91 99.89 99.68 99.65 99.46 98.11 96.97 95.89
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	21,370,674 20,665,224 19,985,534 19,149,305 18,161,338 16,925,341 15,980,319 15,155,579 14,351,330 13,592,627	209,784 100,339 6,741 213,830 313,190 269,485 135,993 9,971 8,513 7,323	0.0098 0.0049 0.0003 0.0112 0.0172 0.0159 0.0085 0.0007 0.0006	0.9902 0.9951 0.9997 0.9888 0.9828 0.9841 0.9915 0.9993 0.9994	94.94 94.00 93.55 93.52 92.47 90.88 89.43 88.67 88.61
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	12,926,749 12,342,861 11,739,527 11,029,183 10,217,608 9,489,727 8,625,249 7,841,117 7,088,438 6,450,444	7,054 6,898 7,014 7,252 6,379 5,250 8,307 72,411 32,963 3,784	0.0005 0.0006 0.0006 0.0007 0.0006 0.0010 0.0092 0.0047 0.0006	0.9995 0.9994 0.9993 0.9994 0.9994 0.9990 0.9908 0.9953 0.9994	88.51 88.46 88.41 88.36 88.30 88.25 88.20 88.11 87.30 86.89

ACCOUNT 369.2 SERVICES - OVERHEAD

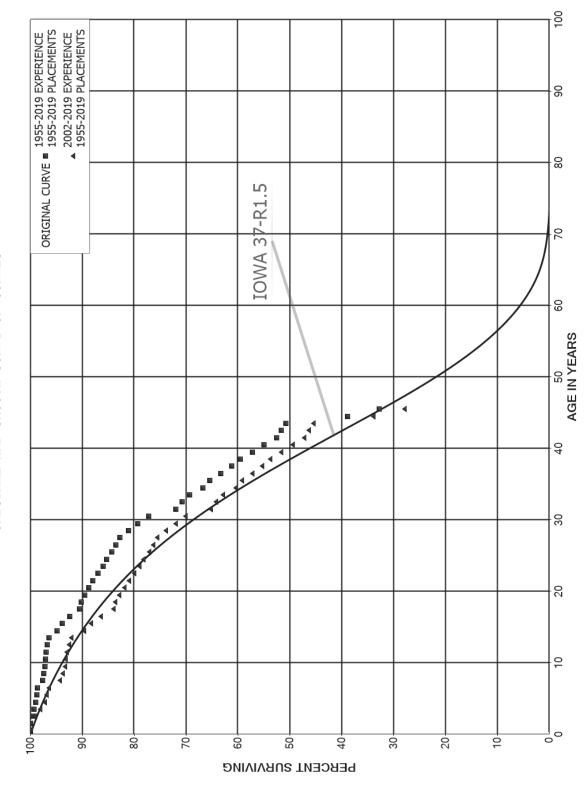
PLACEMENT	BAND 1900-2014		EXPER	RIENCE BAN	D 1960-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	5,862,966 5,332,416 4,842,133 4,385,305 3,974,881 3,615,186 3,272,284 2,848,579 2,560,316 2,304,468	5,307 4,298 21,420 3,800 4,869 44,135 113,381 5,249 10,596 3,842	0.0009 0.0008 0.0044 0.0009 0.0012 0.0122 0.0346 0.0018 0.0041	0.9991 0.9992 0.9956 0.9991 0.9988 0.9878 0.9654 0.9982 0.9959 0.9983	86.84 86.76 86.69 86.31 86.23 86.13 85.08 82.13 81.98 81.64
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,100,862 1,880,597 1,679,198 1,487,812 1,217,768 974,085 797,144 650,899 604,091 550,425	4,748 4,028 2,700 76,332 49,230 2,825 7,107 2,418 30,758 647	0.0023 0.0021 0.0016 0.0513 0.0404 0.0029 0.0089 0.0037 0.0509 0.0012	0.9977 0.9979 0.9984 0.9487 0.9596 0.9971 0.9963 0.9491 0.9988	81.50 81.32 81.14 81.01 76.86 73.75 73.54 72.88 72.61 68.91
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	535,586 492,848 441,482 427,624 424,065 422,824 412,601 396,139 391,572 330,696	337 30,019 123 84 16 2,039 1,277 604 31,644 19,789	0.0006 0.0609 0.0003 0.0002 0.0000 0.0048 0.0031 0.0015 0.0808 0.0598	0.9994 0.9391 0.9997 0.9998 1.0000 0.9952 0.9969 0.9985 0.9192 0.9402	68.83 68.79 64.60 64.58 64.57 64.57 64.26 64.06 63.96 58.79
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	294,340 265,692 264,252 237,781 232,028 213,651 197,711 184,015 138,177 124,029	195 191 103 79 708 387 17,035 183 71	0.0007 0.0007 0.0004 0.0003 0.0000 0.0033 0.0020 0.0926 0.0013 0.0006	0.9993 0.9993 0.9996 0.9997 1.0000 0.9967 0.9980 0.9074 0.9987 0.9994	55.27 55.24 55.20 55.17 55.16 55.16 54.97 54.87 49.79



ACCOUNT 369.2 SERVICES - OVERHEAD

PLACEMENT I	BAND 1900-2014		EXPEF	RIENCE BAN	D 1960-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	101,036 64,995 64,622 45,266 44,189 25,666 21,066 21,034 21,022 21,010	10,366 49 27 20 86 32 12 13 5	0.1026 0.0008 0.0004 0.0004 0.0000 0.0034 0.0015 0.0006 0.0006	0.8974 0.9992 0.9996 0.9996 1.0000 0.9966 0.9985 0.9994 0.9994	49.69 44.59 44.56 44.54 44.52 44.52 44.37 44.30 44.28 44.25
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	21,005 20,907 10,953 10,947 10,941 3,619 3,618 3,616 3,615 3,615	98 9,954 6 6 6 1 2 1	0.0047 0.4761 0.0005 0.0006 0.0005 0.0003 0.0005 0.0002 0.0002	0.9953 0.5239 0.9995 0.9994 0.9995 0.9997 0.9998 0.9998 1.0000	44.24 44.04 23.07 23.06 23.04 23.03 23.03 23.01 23.01 23.01
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	3,615 3,615 3,615 3,615 3,615 202 202 202 202 202		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	23.01 23.01 23.01 23.01 23.01 23.01 23.01 23.01 23.01 23.01
109.5 110.5 111.5 112.5 113.5 114.5 115.5 116.5 117.5 118.5	202 202 202 202 202 32 32 32 32 32		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	23.01 23.01 23.01 23.01 23.01 23.01 23.01 23.01 23.01 23.01

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 370 METERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 370 METERS

PLACEMENT H	BAND 1955-2019		EXPER	RIENCE BAN	D 1955-2019
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	50,315,530	2,430	0.0000	1.0000	100.00
0.5	49,168,349	38,518	0.0008	0.9992	100.00
1.5	48,562,981	127,610	0.0026	0.9974	99.92
2.5	48,092,278	204,668	0.0043	0.9957	99.65
3.5	47,451,300	162,502	0.0034	0.9966	99.23
4.5	47,051,899	71,068	0.0015	0.9985	98.89
5.5	43,442,710	74,762	0.0017	0.9983	98.74
6.5	42,653,819	418,983	0.0098	0.9902	98.57
7.5	41,360,073	106,229	0.0026	0.9974	97.60
8.5	40,807,133	87,313	0.0021	0.9979	97.35
9.5	39,869,906	28,952	0.0007	0.9993	97.14
10.5	37,474,289	39,203	0.0010	0.9990	97.07
11.5	37,204,940	103,873	0.0028	0.9972	96.97
12.5	37,053,191	107,236	0.0029	0.9971	96.70
13.5	36,106,901	598,510	0.0166	0.9834	96.42
14.5	34,233,441	348,433	0.0102	0.9898	94.82
15.5	33,186,125	514,263	0.0155	0.9845	93.86
16.5	31,726,763	667,075	0.0210	0.9790	92.40
17.5	29,909,487	95,166	0.0032	0.9968	90.46
18.5	29,023,057	222,001	0.0076	0.9924	90.17
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	27,932,553 26,757,182 25,942,626 24,514,228 23,392,611 20,629,808 19,617,151 18,469,977 17,145,756 15,898,626	242,372 238,548 291,136 262,269 189,760 244,944 178,733 166,236 343,857 359,817	0.0087 0.0089 0.0112 0.0107 0.0081 0.0119 0.0091 0.0090 0.0201 0.0226	0.9913 0.9911 0.9888 0.9893 0.9919 0.9881 0.9909 0.9910 0.9799	89.48 88.71 87.92 86.93 86.00 85.30 84.29 83.52 82.77 81.11
29.5	14,363,679 11,989,352 9,892,015 8,278,684 7,124,140 6,479,140 5,727,929 5,048,379 4,395,694 3,490,532	383,669	0.0267	0.9733	79.27
30.5		813,336	0.0678	0.9322	77.16
31.5		157,411	0.0159	0.9841	71.92
32.5		169,496	0.0205	0.9795	70.78
33.5		267,317	0.0375	0.9625	69.33
34.5		125,837	0.0194	0.9806	66.73
35.5		186,673	0.0326	0.9674	65.43
36.5		166,428	0.0330	0.9670	63.30
37.5		118,788	0.0270	0.9730	61.21
38.5		136,738	0.0392	0.9608	59.56

ACCOUNT 370 METERS

PLACEMENT BAND 1955-2019 EXPERIENCE BAND 195					D 1955-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	3,009,272 2,432,525 1,941,810 1,566,287 1,260,704 930,630 772,607	122,395 104,356 35,957 26,947 295,555 145,260 19,172	0.0407 0.0429 0.0185 0.0172 0.2344 0.1561 0.0248	0.9593 0.9571 0.9815 0.9828 0.7656 0.8439 0.9752	57.22 54.90 52.54 51.57 50.68 38.80 32.74
46.5 47.5 48.5 49.5 50.5	300,393 110,421 2,663 1,414	52,582 107,758 1,249	0.1750 0.9759 0.4690 1.0000	0.8250 0.0241 0.5310	31.93 26.34 0.64

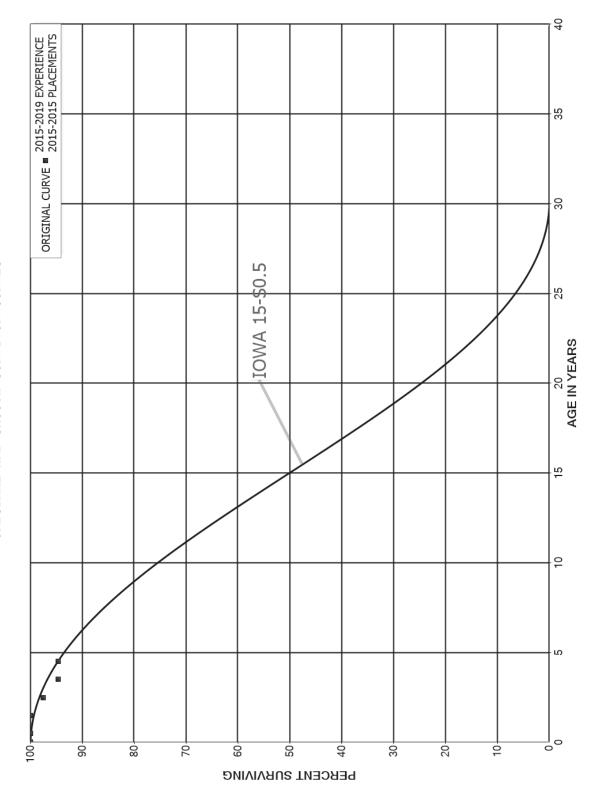
ACCOUNT 370 METERS

PLACEMENT H	BAND 1955-2019		EXPER	RIENCE BAN	D 2002-2019
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	17,768,494	2,430	0.0001	0.9999	100.00
0.5	17,746,025	38,518	0.0022	0.9978	99.99
1.5	18,261,116	127,610	0.0070	0.9930	99.77
2.5	18,508,983	204,668	0.0111	0.9889	99.07
3.5	18,401,049	162,502	0.0088	0.9912	97.98
4.5	19,106,324	71,068	0.0037	0.9963	97.11
5.5	16,545,614	74,762	0.0045	0.9955	96.75
6.5	18,743,993	418,983	0.0224	0.9776	96.31
7.5	18,169,117	106,229	0.0058	0.9942	94.16
8.5	19,128,220	87,313	0.0046	0.9954	93.61
9.5	19,980,710 18,684,134 19,771,751 22,000,738 22,757,249 23,297,944 24,428,090 23,591,904 22,691,687 22,513,445	28,952	0.0014	0.9986	93.18
10.5		39,203	0.0021	0.9979	93.05
11.5		103,873	0.0053	0.9947	92.85
12.5		107,236	0.0049	0.9951	92.36
13.5		598,510	0.0263	0.9737	91.91
14.5		348,433	0.0150	0.9850	89.50
15.5		514,263	0.0211	0.9789	88.16
16.5		667,075	0.0283	0.9717	86.30
17.5		95,166	0.0042	0.9958	83.86
18.5		222,001	0.0099	0.9901	83.51
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	22,075,518 21,859,718 21,558,513 20,771,027 20,218,790 17,952,749 17,333,892 16,233,611 14,968,424 14,555,450	242,372 238,548 291,136 262,269 189,760 244,944 178,733 166,236 343,857 359,817	0.0110 0.0109 0.0135 0.0126 0.0094 0.0136 0.0103 0.0102 0.0230 0.0247	0.9890 0.9891 0.9865 0.9874 0.9906 0.9864 0.9897 0.9898 0.9770	82.69 81.78 80.89 79.79 78.79 78.05 76.98 76.19 75.41 73.68
29.5	14,175,735	383,669	0.0271	0.9729	71.85
30.5	11,802,661	813,336	0.0689	0.9311	69.91
31.5	9,706,555	157,411	0.0162	0.9838	65.09
32.5	8,094,651	169,496	0.0209	0.9791	64.04
33.5	6,941,730	267,317	0.0385	0.9615	62.70
34.5	6,319,899	125,837	0.0199	0.9801	60.28
35.5	5,589,941	186,673	0.0334	0.9666	59.08
36.5	4,928,100	166,428	0.0338	0.9662	57.11
37.5	4,278,027	118,788	0.0278	0.9722	55.18
38.5	3,374,320	136,738	0.0405	0.9595	53.65

ACCOUNT 370 METERS

PLACEMENT BAND 1955-2019 EXPERIENCE BAND 2002-2					D 2002-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,894,476 2,319,131 1,829,905 1,455,866 1,151,744 822,919 666,310 300,393 110,421 2,663	122,395 104,356 35,957 26,947 295,555 145,260 19,172 52,582 107,758 1,249	0.0423 0.0450 0.0196 0.0185 0.2566 0.1765 0.0288 0.1750 0.9759 0.4690	0.9577 0.9550 0.9804 0.9815 0.7434 0.8235 0.9712 0.8250 0.0241 0.5310	51.47 49.30 47.08 46.15 45.30 33.67 27.73 26.93 22.22 0.54
49.5 50.5	1,414	1,414	1.0000		0.28

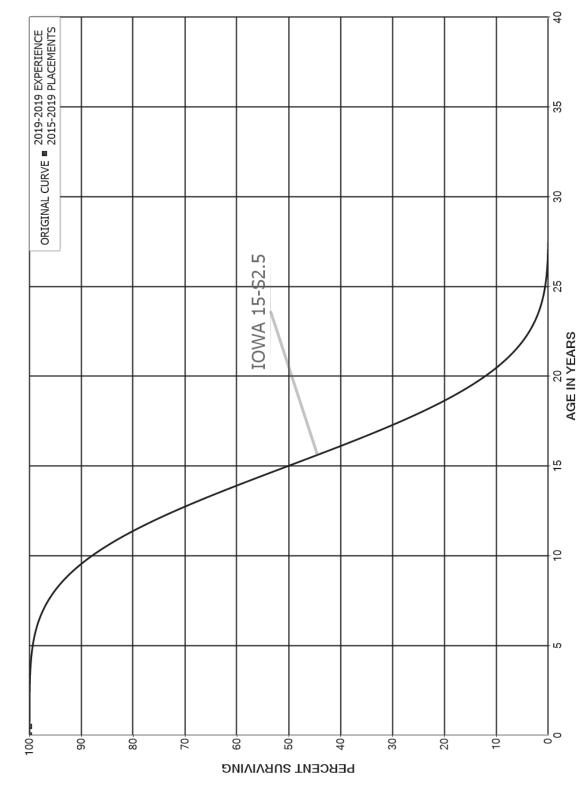
LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 370.01 METERS - AMS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 370.01 METERS - AMS

PLACEMENT BAND 2015-2015 EXPERIENCE BAND 2015-					D 2015-2019
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 0.5 1.5 2.5 3.5 4.5	3,179,620 3,179,620 3,179,620 3,101,967 3,009,801	77,652 92,167 1	0.0000 0.0000 0.0244 0.0297 0.0000	1.0000 1.0000 0.9756 0.9703 1.0000	100.00 100.00 100.00 97.56 94.66

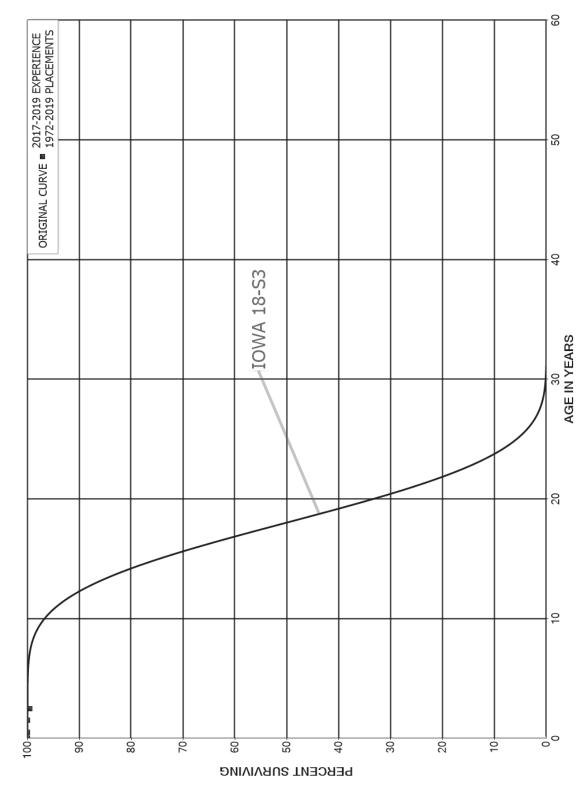
LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 370.11 METERS - AMI
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 370.11 METERS - AMI

PLACEMENT	BAND 2015-2019		EXPER	RIENCE BAN	D 2019-2019
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 0.5	72,632		0.0000	1.0000	100.00

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 370.2 METERS - CT AND PT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 370.2 METERS - CT AND PT

PLACEMENT E	BAND 1972-2019		EXPEF	RIENCE BAN	ID 2017-2019
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 0.5 1.5 2.5	229,224 145,496 145,496	773	0.0000 0.0000 0.0053	1.0000 1.0000 0.9947	100.00 100.00 100.00 99.47
3.5 4.5 5.5 6.5 7.5 8.5	341,783 463,070 381,887 298,167 178,287 250,368	730 13,951 32,181	0.0000 0.0016 0.0365 0.1079 0.0000		
9.5 10.5 11.5	109,648 9,983		0.0000		
12.5 13.5 14.5 15.5 16.5 17.5	57,859 64,761 259,378 482,196 423,752 223,635	439 113	0.0000 0.0068 0.0000 0.0000 0.0000		
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	39,033 45,922 285,675 388,018 585,242 499,564 327,881 575,292 593,336 625,879	175 1,134 581 1,427 2,068 1,966 2,329	0.0000 0.0038 0.0040 0.0015 0.0000 0.0000 0.0044 0.0036 0.0033 0.0037		
28.5 29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	561,697 517,878 599,252 620,282 435,694 238,186 193,706 116,991 94,409 94,171 86,082	1,609 2,398 2,692 3,373 1,219 1,307 864 644 679 611 657	0.0029 0.0046 0.0045 0.0054 0.0028 0.0055 0.0045 0.0055 0.0072 0.0065 0.0076		

ACCOUNT 370.2 METERS - CT AND PT

ND 1972-2019		EXPER	IENCE BAN	D 2017-2019
EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
74,756 67,405 62,986 56,827 63,884 69,245 46,408 12,443	533 703 582 598 823 873 320 286	0.0071 0.0104 0.0092 0.0105 0.0129 0.0126 0.0069 0.0230		
	EXPOSURES AT BEGINNING OF AGE INTERVAL 74,756 67,405 62,986 56,827 63,884 69,245 46,408	EXPOSURES AT RETIREMENTS BEGINNING OF DURING AGE AGE INTERVAL 74,756 533 67,405 703 62,986 582 56,827 598 63,884 823 69,245 873 46,408 320	EXPOSURES AT RETIREMENTS BEGINNING OF DURING AGE RETMT AGE INTERVAL INTERVAL RATIO 74,756 533 0.0071 67,405 703 0.0104 62,986 582 0.0092 56,827 598 0.0105 63,884 823 0.0129 69,245 873 0.0126 46,408 320 0.0069	EXPOSURES AT RETIREMENTS BEGINNING OF DURING AGE RETMT SURV AGE INTERVAL INTERVAL RATIO RATIO 74,756 533 0.0071 67,405 703 0.0104 62,986 582 0.0092 56,827 598 0.0105 63,884 823 0.0129 69,245 873 0.0126 46,408 320 0.0069

ACCOUNT 371.01 INSTALLATIONS ON CUSTOMERS' PREMISES - EV CHARGING STATIONS ORIGINAL AND SMOOTH SURVIVOR CURVES LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

40 ORIGINAL CURVE = 2019-2019 PLACEMENTS 30 IOWA 10-53 25 AGE IN YEARS 5 9 Ŋ اه 100₽ 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING

ACCOUNT 371.01 INSTALLATIONS ON CUSTOMERS' PREMISES - EV CHARGING STATIONS

PLACEMENT	BAND 2019-2019		EXPER	RIENCE BAN	ID 2019-2019
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 0.5	175,551		0.0000	1.0000	100.00

LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

1960-2019 EXPERIENCE 1900-2019 PLACEMENTS ORIGINAL CURVE = 1935-2019 EXPERIENCE 1900-2019 PLACEMENTS 2000-2019 EXPERIENCE 1934-2019 PLACEMENTS ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS IOWA 35-R1.5 ORIGINAL AND SMOOTH SURVIVOR CURVES

80

8

70

20

10

100

8

8

2

9

AGE IN YEARS

40

30

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-09

40

20 РЕВСЕИТ SURVIVING 30-

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT H	BAND 1900-2019		EXPER	RIENCE BAN	D 1935-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	152,570,180 148,507,589 146,383,707 145,966,875 144,790,209 129,748,548 104,615,738 101,658,801 95,811,289 90,967,453	301,360 2,074,130 484,046 1,086,235 805,067 747,789 666,323 581,621 633,441 679,809	0.0020 0.0140 0.0033 0.0074 0.0056 0.0058 0.0064 0.0057 0.0066 0.0075	0.9980 0.9860 0.9967 0.9926 0.9944 0.9942 0.9936 0.9943 0.9934 0.9925	100.00 99.80 98.41 98.08 97.35 96.81 96.25 95.64 95.09 94.47
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	78,757,869 76,155,679 73,129,694 71,793,320 70,915,956 65,373,693 62,160,270 57,972,561 52,531,052 48,183,266	784,666 767,856 622,984 765,876 839,904 855,456 1,019,416 988,333 1,724,914 945,745	0.0100 0.0101 0.0085 0.0107 0.0118 0.0131 0.0164 0.0170 0.0328 0.0196	0.9900 0.9899 0.9915 0.9893 0.9882 0.9869 0.9836 0.9830 0.9672 0.9804	93.76 92.82 91.89 91.11 90.13 89.07 87.90 86.46 84.99 82.20
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	45,001,251 42,152,134 39,273,869 34,250,789 29,552,006 26,300,913 22,702,420 18,850,112 16,811,714 14,139,509	1,156,316 1,007,855 1,025,123 891,297 920,385 934,083 509,097 393,083 271,893 309,971	0.0257 0.0239 0.0261 0.0260 0.0311 0.0355 0.0224 0.0209 0.0162 0.0219	0.9743 0.9761 0.9739 0.9740 0.9689 0.9645 0.9776 0.9791 0.9838 0.9781	80.58 78.51 76.63 74.63 72.69 70.43 67.93 66.40 65.02 63.97
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	11,728,115 10,610,928 9,581,592 8,569,171 7,636,138 7,154,674 6,482,278 5,656,425 4,840,174 4,348,448	265,942 291,087 220,462 252,877 225,752 268,127 281,607 283,785 113,126 143,486	0.0227 0.0274 0.0230 0.0295 0.0296 0.0375 0.0434 0.0502 0.0234 0.0330	0.9773 0.9726 0.9770 0.9705 0.9704 0.9625 0.9566 0.9498 0.9766 0.9670	62.56 61.15 59.47 58.10 56.39 54.72 52.67 50.38 47.85 46.73



ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT	BAND 1900-2019		EXPEF	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	3,919,499 3,452,404 3,072,492 2,534,882 1,920,353 1,333,886 1,005,791 829,671 682,714 505,106	190,305 92,714 166,040 292,316 250,223 170,860 142,660 63,106 28,901 99,308	0.0486 0.0269 0.0540 0.1153 0.1303 0.1281 0.1418 0.0761 0.0423 0.1966	0.9514 0.9731 0.9460 0.8847 0.8697 0.8719 0.8582 0.9239 0.9577 0.8034	45.19 43.00 41.84 39.58 35.02 30.45 26.55 22.79 21.05 20.16
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	322,214 225,890 164,335 115,988 80,147 71,793 59,701 40,873 32,906 29,932	48,862 59,639 43,694 29,463 7,345 9,176 13,692 5,188 1,996	0.1516 0.2640 0.2659 0.2540 0.0916 0.1278 0.2293 0.1269 0.0606 0.0000	0.8484 0.7360 0.7341 0.7460 0.9084 0.8722 0.7707 0.8731 0.9394 1.0000	16.20 13.74 10.11 7.42 5.54 5.03 4.39 3.38 2.95 2.77
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	29,932 28,752 28,752 11,018 10,886 10,886 1,570 1,570 1,570	1,181 17,734 132 9,316	0.0394 0.0000 0.6168 0.0120 0.0000 0.8558 0.0000 0.0000 0.0846 0.0000	0.9606 1.0000 0.3832 0.9880 1.0000 0.1442 1.0000 1.0000 0.9154 1.0000	2.77 2.66 2.66 1.02 1.01 1.01 0.15 0.15 0.15
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,437 1,437 1,437 1,437 1,437 1,437 551 224 224	886 327	0.0000 0.0000 0.0000 0.0000 0.0000 0.6164 0.5937 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.3836 0.4063 1.0000 1.0000	0.13 0.13 0.13 0.13 0.13 0.13 0.05 0.02 0.02



ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1935-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGINNING OF BEGIN OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 224 0.0000 1.0000 0.02 80.5 224 0.0000 0.02 1.0000 81.5 224 0.0000 1.0000 0.02 82.5 224 0.0000 1.0000 0.02 83.5 224 0.0000 1.0000 0.02 84.5 224 0.0000 1.0000 0.02 85.5 224 0.0000 1.0000 0.02 86.5 224 0.0000 1.0000 0.02 87.5 224 0.0000 1.0000 0.02 88.5 224 0.0000 1.0000 0.02 89.5 224 224 1.0000 0.02 90.5

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1960-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	151,474,600 147,350,405 145,408,586 145,050,242 143,925,154 128,918,619 103,809,541 100,869,592 95,068,399 90,240,968	301,360 2,074,130 482,555 1,086,235 805,067 743,865 666,323 581,621 633,441 649,022	0.0020 0.0141 0.0033 0.0075 0.0056 0.0058 0.0064 0.0058 0.0067	0.9980 0.9859 0.9967 0.9925 0.9944 0.9942 0.9936 0.9942 0.9933 0.9928	100.00 99.80 98.40 98.07 97.34 96.79 96.23 95.61 95.06 94.43
9.5	77,691,428 75,247,582 72,342,238 71,023,994 70,154,960 64,637,744 61,485,805 57,330,209 51,904,788 47,608,594	692,492	0.0089	0.9911	93.75
10.5		656,509	0.0087	0.9913	92.92
11.5		620,434	0.0086	0.9914	92.10
12.5		761,716	0.0107	0.9893	91.31
13.5		825,104	0.0118	0.9882	90.34
14.5		800,135	0.0124	0.9876	89.27
15.5		996,246	0.0162	0.9838	88.17
16.5		975,704	0.0170	0.9830	86.74
17.5		1,703,723	0.0328	0.9672	85.26
18.5		945,745	0.0199	0.9801	82.46
19.5	44,295,590	1,156,316	0.0261	0.9739	80.83
20.5	41,453,187	1,006,067	0.0243	0.9757	78.72
21.5	38,611,044	1,025,123	0.0265	0.9735	76.81
22.5	33,604,956	884,227	0.0263	0.9737	74.77
23.5	28,915,869	920,385	0.0318	0.9682	72.80
24.5	25,675,864	934,083	0.0364	0.9636	70.48
25.5	22,077,699	509,097	0.0231	0.9769	67.92
26.5	18,225,390	384,365	0.0211	0.9789	66.35
27.5	16,279,666	271,893	0.0167	0.9833	64.95
28.5	13,607,460	309,971	0.0228	0.9772	63.87
29.5	11,196,066	265,942	0.0238	0.9762	62.41
30.5	10,078,879	291,087	0.0289	0.9711	60.93
31.5	9,049,544	220,462	0.0244	0.9756	59.17
32.5	8,037,122	252,512	0.0314	0.9686	57.73
33.5	7,104,454	225,752	0.0318	0.9682	55.92
34.5	6,877,028	261,600	0.0380	0.9620	54.14
35.5	6,211,160	281,358	0.0453	0.9547	52.08
36.5	5,385,556	269,636	0.0501	0.9499	49.72
37.5	4,583,454	109,168	0.0238	0.9762	47.23
38.5	4,095,685	143,486	0.0350	0.9650	46.11

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT	BAND 1900-2019		EXPER	RIENCE BAN	D 1960-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	3,666,736 3,199,642 2,821,588 2,284,550 1,733,889 1,233,870 905,774 729,655 582,697 405,090	190,305 90,855 165,468 228,449 210,673 170,860 142,660 63,106 28,901 79,321	0.0519 0.0284 0.0586 0.1000 0.1215 0.1385 0.1575 0.0865 0.0496 0.1958	0.9481 0.9716 0.9414 0.9000 0.8785 0.8615 0.8425 0.9135 0.9504 0.8042	44.49 42.18 40.98 38.58 34.72 30.50 26.28 22.14 20.23 19.22
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	242,185 162,906 103,864 74,538 43,447 35,094 24,045 17,227 13,775 10,802	31,816 57,126 24,673 24,713 7,345 8,132 1,682 673 1,996	0.1314 0.3507 0.2375 0.3315 0.1691 0.2317 0.0699 0.0391 0.1449 0.0000	0.8686 0.6493 0.7625 0.6685 0.8309 0.7683 0.9301 0.9609 0.8551 1.0000	15.46 13.43 8.72 6.65 4.44 3.69 2.84 2.64 2.54
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	29,932 28,752 28,752 11,018 10,886 10,886 1,570 1,570 1,570	1,181 17,734 132 9,316	0.0394 0.0000 0.6168 0.0120 0.0000 0.8558 0.0000 0.0000 0.0846 0.0000	0.9606 1.0000 0.3832 0.9880 1.0000 0.1442 1.0000 1.0000 0.9154 1.0000	2.17 2.08 2.08 0.80 0.79 0.79 0.11 0.11 0.11
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,437 1,437 1,437 1,437 1,437 1,437 551 224 224	886 327	0.0000 0.0000 0.0000 0.0000 0.0000 0.6164 0.5937 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.3836 0.4063 1.0000 1.0000	0.10 0.10 0.10 0.10 0.10 0.10 0.04 0.02 0.02



ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1960-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGINNING OF BEGIN OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 224 0.0000 1.0000 0.02 80.5 224 0.0000 0.02 1.0000 81.5 224 0.0000 1.0000 0.02 82.5 224 0.0000 1.0000 0.02 83.5 224 0.0000 1.0000 0.02 84.5 224 0.0000 1.0000 0.02 85.5 224 0.0000 1.0000 0.02 86.5 224 0.0000 1.0000 0.02 87.5 224 0.0000 1.0000 0.02 88.5 224 0.0000 1.0000 0.02 224 89.5 224 1.0000 0.02 90.5

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT I	BAND 1934-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	95,709,436 93,542,849 93,739,798 97,905,710 101,419,971 89,583,192 68,224,870 69,854,112 66,719,061 65,583,483	252,958 1,930,588 268,598 790,803 434,794 308,438 181,398 47,681 55,518 71,618	0.0026 0.0206 0.0029 0.0081 0.0043 0.0034 0.0027 0.0007 0.0008 0.0011	0.9974 0.9794 0.9971 0.9919 0.9957 0.9966 0.9973 0.9993 0.9992	100.00 99.74 97.68 97.40 96.61 96.20 95.87 95.61 95.55
9.5	56,385,147	125,787	0.0022	0.9978	95.36
10.5	56,408,878	120,130	0.0021	0.9979	95.15
11.5	55,131,136	127,248	0.0023	0.9977	94.95
12.5	55,427,686	251,293	0.0045	0.9955	94.73
13.5	56,026,508	367,781	0.0066	0.9934	94.30
14.5	51,496,945	377,371	0.0073	0.9927	93.68
15.5	49,381,463	487,596	0.0099	0.9901	92.99
16.5	46,488,501	613,669	0.0132	0.9868	92.07
17.5	42,192,271	694,045	0.0164	0.9836	90.86
18.5	39,396,851	615,877	0.0156	0.9844	89.36
19.5	37,015,808	720,003	0.0195	0.9805	87.97
20.5	35,056,673	672,232	0.0192	0.9808	86.26
21.5	32,963,654	692,289	0.0210	0.9790	84.60
22.5	28,867,922	584,354	0.0202	0.9798	82.82
23.5	25,110,123	571,637	0.0228	0.9772	81.15
24.5	22,672,533	757,820	0.0334	0.9666	79.30
25.5	19,608,788	342,648	0.0175	0.9825	76.65
26.5	16,383,658	295,210	0.0180	0.9820	75.31
27.5	14,840,967	200,850	0.0135	0.9865	73.95
28.5	12,464,009	250,363	0.0201	0.9799	72.95
29.5	10,265,619	219,274	0.0214	0.9786	71.49
30.5	9,273,685	250,186	0.0270	0.9730	69.96
31.5	8,352,892	169,856	0.0203	0.9797	68.07
32.5	7,447,959	213,300	0.0286	0.9714	66.69
33.5	6,594,238	191,119	0.0290	0.9710	64.78
34.5	6,054,196	149,250	0.0247	0.9753	62.90
35.5	5,530,422	126,642	0.0229	0.9771	61.35
36.5	4,886,812	246,794	0.0505	0.9495	59.95
37.5	4,154,166	96,148	0.0231	0.9769	56.92
38.5	3,698,714	134,707	0.0364	0.9636	55.60

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

PLACEMENT I	BAND 1934-2019		EXPER	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5	3,286,942 2,907,498 2,534,678 2,003,655 1,459,569 944,733 651,592 585,293 443,343	,	0.0300 0.0634 0.1107 0.1224 0.1439 0.0504 0.0993 0.0281	0.9683 0.9700 0.9366 0.8893 0.8776 0.8561 0.9496 0.9007 0.9719	53.58 51.88 50.32 47.13 41.91 36.78 31.49 29.91 26.94
48.5 49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	282,167 170,841 102,068 57,794 33,501 18,256 16,080 9,881 4,059 1,409 431	•	0.0983 0.1247 0.4150 0.3422 0.2647 0.0727 0.2041 0.0694 0.0010 0.0000 0.0000	0.9017 0.8753 0.5850 0.6578 0.7353 0.9273 0.7959 0.9306 0.9990 1.0000 1.0000	26.18 23.61 20.66 12.09 7.95 5.85 5.42 4.31 4.02 4.01 4.01
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	431 431 431 423 291 293 462 462 462 329	8 132 159	0.0000 0.0000 0.0186 0.3114 0.0000 0.5404 0.0000 0.0000 0.2873 0.0000	1.0000 1.0000 0.9814 0.6886 1.0000 0.4596 1.0000 1.0000 0.7127 1.0000	4.01 4.01 4.01 3.94 2.71 2.71 1.25 1.25 0.89
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5	329 329 329 329 329 329 327	2 327	0.0000 0.0000 0.0000 0.0000 0.0000 0.0063 1.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9937	0.89 0.89 0.89 0.89 0.89 0.89



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

ORIGINAL CURVE = 2015-2019 EXPERIENCE 1994-2019 PLACEMENTS ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS IOWA 14-\$2 30 ORIGINAL AND SMOOTH SURVIVOR CURVES 25 AGE IN YEARS 9 2 اه 1001 9 80 70 -09 50-40 30 20 10

40

РЕВСЕИТ SURVIVING

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

PLACEMENT E	EXPERIENCE BAND 2015-2019				
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	941,872 728,307 683,229 523,299 642,819 613,463 436,645 433,828 338,154 124,707	32,313 17,884 18,137	0.0000 0.0000 0.0000 0.0000 0.0527 0.0000 0.0529 0.1454	1.0000 1.0000 1.0000 1.0000 0.9473 1.0000 1.0000 0.9471 0.8546	100.00 100.00 100.00 100.00 100.00 100.00 94.73 94.73 94.73 89.72
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	75,215 54,730 47,740 47,740 47,740 9,461 9,461	10,651	0.1416 0.0000 0.0000 0.0000 0.0000 0.0000	0.8584 1.0000 1.0000 1.0000 1.0000 1.0000	76.67 65.82 65.82 65.82 65.82 65.82 65.82 65.82
19.5 20.5 21.5 22.5 23.5 24.5 25.5	12,839 12,839 12,839 12,839 12,839		0.0000 0.0000 0.0000 0.0000		

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER
ORIGINAL AND SMOOTH SURVIVOR CURVES

4 ORIGINAL CURVE ■ 1981-2019 EXPERIENCE 1981-2019 PLACEMENTS **▲** 2000-2019 EXPERIENCE **1981-2019 PLACEMENTS** IOWA 13-R2 30 25 AGE IN YEARS 5 9 Ŋ اه 100 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ SURVIVING

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

PLACEMENT I	BAND 1981-2019		EXPE	RIENCE BAN	D 1981-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	21,862,464 21,216,083 20,566,537 20,200,452 19,554,847 17,395,341 15,718,687 15,370,979 14,855,541 13,595,628	16,303 84,478 218,814 224,345 615,967 263,371 360,541 487,845 142,317	0.0000 0.0008 0.0041 0.0108 0.0115 0.0354 0.0168 0.0235 0.0328 0.0105	1.0000 0.9992 0.9959 0.9892 0.9885 0.9646 0.9832 0.9765 0.9672 0.9895	100.00 100.00 99.92 99.51 98.43 97.31 93.86 92.29 90.12 87.16
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	13,377,534 12,642,436 11,897,964 10,579,382 9,520,116 8,733,524 7,133,325 6,745,728 5,884,030 4,748,575	754,869 718,333 1,303,147 1,059,265 716,158 1,600,200 350,100 861,698 1,099,216 160,638	0.0564 0.0568 0.1095 0.1001 0.0752 0.1832 0.0491 0.1277 0.1868 0.0338	0.9436 0.9432 0.8905 0.8999 0.9248 0.8168 0.9509 0.8723 0.8132 0.9662	86.25 81.38 76.76 68.35 61.51 56.88 46.46 44.18 38.54 31.34
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	4,587,937 4,505,005 4,298,450 3,165,024 1,716,682 1,549,912 1,472,479 1,456,862 441,372 108,453	46,311 180,749 1,028,407 1,347,507 166,770 10,478 1,015,490 325,950	0.0101 0.0401 0.2393 0.4257 0.0971 0.0068 0.0000 0.6970 0.7385 0.0000	0.9899 0.9599 0.7607 0.5743 0.9029 0.9932 1.0000 0.3030 0.2615 1.0000	30.28 29.97 28.77 21.89 12.57 11.35 11.27 11.27 3.41 0.89
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	108,453 86,751 86,751 75,808 18,374 663 663 663	21,702 10,943 21,585 17,712	0.2001 0.0000 0.1261 0.2847 0.9639 0.0000 0.0000 0.0000	0.7999 1.0000 0.8739 0.7153 0.0361 1.0000 1.0000	0.89 0.71 0.71 0.62 0.45 0.02 0.02 0.02 0.02

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

PLACEMENT I	BAND 1981-2019		EXPEF	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	7,156,904 7,377,200 8,431,629 9,693,020 9,328,403 7,659,592 6,446,219 7,938,380 10,289,307 9,756,604	16,303 84,478 218,814 224,345 615,967 263,371 360,541 487,845 142,317	0.0000 0.0022 0.0100 0.0226 0.0240 0.0804 0.0409 0.0454 0.0474	1.0000 0.9978 0.9900 0.9774 0.9760 0.9196 0.9591 0.9546 0.9526 0.9854	100.00 100.00 99.78 98.78 96.55 94.23 86.65 83.11 79.34 75.57
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	9,578,486 8,843,388 11,024,104 10,230,721 9,219,556 8,663,613 7,071,663 6,684,066 5,865,655 4,748,575	754,869 718,333 1,303,147 1,059,265 716,158 1,600,200 350,100 861,698 1,099,216 160,638	0.0788 0.0812 0.1182 0.1035 0.0777 0.1847 0.0495 0.1289 0.1874 0.0338	0.9212 0.9188 0.8818 0.8965 0.9223 0.8153 0.9505 0.8711 0.8126 0.9662	74.47 68.60 63.03 55.58 49.82 45.95 37.47 35.61 31.02 25.21
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	4,587,937 4,505,005 4,298,450 3,165,024 1,716,682 1,549,912 1,472,479 1,456,862 441,372 108,453	46,311 180,749 1,028,407 1,347,507 166,770 10,478 1,015,490 325,950	0.0101 0.0401 0.2393 0.4257 0.0971 0.0068 0.0000 0.6970 0.7385 0.0000	0.9899 0.9599 0.7607 0.5743 0.9029 0.9932 1.0000 0.3030 0.2615 1.0000	24.35 24.11 23.14 17.60 10.11 9.13 9.07 9.07 2.75 0.72
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	108,453 86,751 86,751 75,808 18,374 663 663 663 663	21,702 10,943 21,585 17,712	0.2001 0.0000 0.1261 0.2847 0.9639 0.0000 0.0000 0.0000	0.7999 1.0000 0.8739 0.7153 0.0361 1.0000 1.0000	0.72 0.57 0.57 0.50 0.36 0.01 0.01 0.01



LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES

9 ORIGINAL CURVE ■ 1941-2019 EXPERIENCE 1941-2019 PLACEMENTS 1990-2019 EXPERIENCE 1941-2019 PLACEMENTS 20 IOWA 23-S2. AGE IN YEARS 20 9 1001 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ SURVIVING

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

PLACEMENT E	BAND 1941-2019		EXPER	RIENCE BAN	D 1941-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	829,948 826,879 842,137 719,008 705,624 675,499 703,465 694,846 626,517	36,800	0.0000 0.0000 0.0000 0.0522 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9478 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 94.78 94.78 94.78 94.78
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	595,596 535,158 539,977 539,977 549,810 515,457 522,209 501,069 416,468 414,049	2,418 12,265 31,271 6,089	0.0102 0.0000 0.0000 0.0045 0.0223 0.0000 0.0599 0.0000 0.0146 0.0000	0.9898 1.0000 1.0000 0.9955 0.9777 1.0000 0.9401 1.0000 0.9854 1.0000	94.78 93.82 93.82 93.82 93.40 91.32 91.32 85.85 85.85
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	408,480 324,405 315,505 288,470 179,427 165,290 158,615 155,235 157,887 137,515	108,488 11,743 27,035 108,424 15,258 6,675 6,564 3,704 28,392 30,447	0.2656 0.0362 0.0857 0.3759 0.0850 0.0404 0.0414 0.0239 0.1798 0.2214	0.7344 0.9638 0.9143 0.6241 0.9150 0.9596 0.9586 0.9761 0.8202 0.7786	84.59 62.13 59.88 54.75 34.17 31.26 30.00 28.76 28.07 23.03
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	114,624 73,095 73,095 53,068 53,333 29,541 28,994 24,049 24,049 22,567	41,529 23,796 1,699 23,792 9,403 6,746 1,009 1,483 705	0.3623 0.0000 0.3255 0.0320 0.4461 0.3183 0.2327 0.0420 0.0617 0.0312	0.6377 1.0000 0.6745 0.9680 0.5539 0.6817 0.7673 0.9580 0.9383 0.9688	17.93 11.43 11.43 7.71 7.46 4.13 2.82 2.16 2.07 1.94

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	BAND 1941-2019		EXPE	RIENCE BAN	D 1941-2019
AGE AT BEGIN OF INTERVAL		RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5	22,567 12,739 9,999 9,999	11,993 2,864 115	0.2249 0.0000 0.0115	0.4686 0.7751 1.0000 0.9885	1.88 0.88 0.68 0.68
43.5 44.5 45.5 46.5 47.5	9,999 9,999 9,999 9,094 9,094	905		1.0000 1.0000 0.9095 1.0000 0.9623	0.68 0.68 0.68 0.61 0.61
48.5 49.5 50.5 51.5 52.5	8,752 6,788 5,087 4,260 738	1,964 1,701 827 3,522	0.2244 0.2506 0.1626 0.8268 0.0000	0.7756 0.7494 0.8374 0.1732 1.0000	0.59 0.46 0.34 0.29 0.05
53.5 54.5 55.5 56.5 57.5	738 738 738 738 738	543	0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.2645	0.05 0.05 0.05 0.05 0.05
58.5 59.5 60.5 61.5 62.5 63.5	195 195 195 195 195 195		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	0.01 0.01 0.01 0.01 0.01 0.01
63.5 64.5	195 195	195	0.0000 1.0000	1.0000	0.01

65.5

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

PLACEMENT BAND 1941-2019			EXPERIENCE BAND 1990-2019		
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	828,867 825,798 841,056 717,927 704,543 674,418 702,384 693,765 625,436	36,800	0.0000 0.0000 0.0000 0.0522 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9478 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 94.78 94.78 94.78 94.78
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	594,516 534,077 538,897 538,897 548,729 514,376 521,128 499,988 415,387 412,968	2,418 12,265 31,271 6,089	0.0102 0.0000 0.0000 0.0045 0.0224 0.0000 0.0600 0.0000 0.0147 0.0000	0.9898 1.0000 1.0000 0.9955 0.9776 1.0000 0.9400 1.0000 0.9853 1.0000	94.78 93.81 93.81 93.39 91.30 91.30 85.82 85.82 84.57
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	407,399 323,324 314,425 287,390 178,346 164,210 157,535 154,154 156,807 136,434	108,488 11,743 27,035 108,424 15,258 6,675 6,564 3,704 28,392 30,447	0.2663 0.0363 0.0860 0.3773 0.0856 0.0406 0.0417 0.0240 0.1811 0.2232	0.7337 0.9637 0.9140 0.6227 0.9144 0.9594 0.9583 0.9760 0.8189 0.7768	84.57 62.05 59.79 54.65 34.03 31.12 29.86 28.61 27.92 22.87
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	113,543 72,014 72,357 52,330 52,595 28,803 28,256 23,311 23,311 21,829	41,529 23,796 1,699 23,792 9,403 6,746 1,009 1,483 705	0.3658 0.0000 0.3289 0.0325 0.4524 0.3265 0.2387 0.0433 0.0636 0.0323	0.6342 1.0000 0.6711 0.9675 0.5476 0.6735 0.7613 0.9567 0.9364 0.9677	17.77 11.27 11.27 7.56 7.32 4.01 2.70 2.05 1.97 1.84

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

PLACEMENT BAND 1941-2019 EXPERIENCE BAND 1990-2019					D 1990-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5	21,829 12,001 9,804 9,804 9,804 9,804 9,804 8,899	11,993 2,864 115	0.5494 0.2387 0.0000 0.0117 0.0000 0.0000 0.0923 0.0000	0.4506 0.7613 1.0000 0.9883 1.0000 1.0000 0.9077 1.0000	1.78 0.80 0.61 0.61 0.60 0.60 0.60
47.5 48.5	8,899 8,752	343 1,964	0.0385 0.2244	0.9615 0.7756	0.55 0.53
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	6,788 5,087 4,260 738 738 738 738 738 738 738	1,701 827 3,522	0.2506 0.1626 0.8268 0.0000 0.0000 0.0000 0.0000 0.7355 0.0000	0.7494 0.8374 0.1732 1.0000 1.0000 1.0000 1.0000 0.2645 1.0000	0.41 0.31 0.26 0.04 0.04 0.04 0.04 0.04 0.04
59.5 60.5 61.5 62.5 63.5 64.5 65.5	195 195 195 195 195	195	0.0000 0.0000 0.0000 0.0000 0.0000 1.0000	1.0000 1.0000 1.0000 1.0000 1.0000	0.01 0.01 0.01 0.01 0.01 0.01

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY
ORIGINAL AND SMOOTH SURVIVOR CURVES

▲ 2000-2019 EXPERIENCE 1961-2019 PLACEMENTS ORIGINAL CURVE ■ 1961-2019 PLACEMENTS 20 IOWA 22-S1 AGE IN YEARS 20 9 1001 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИ

9

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

PLACEMENT E	BAND 1961-2019		EXPEF	RIENCE BAN	D 1961-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	4,143,486 3,838,007 3,629,832 3,609,379 3,441,363 3,243,502 3,166,965 3,158,701 3,132,244 3,108,714	12,803 11,420 8,263 26,457 23,530 78,631	0.0000 0.0000 0.0000 0.0035 0.0033 0.0000 0.0026 0.0084 0.0075 0.0253	1.0000 1.0000 1.0000 0.9965 0.9967 1.0000 0.9974 0.9916 0.9925 0.9747	100.00 100.00 100.00 100.00 99.65 99.31 99.31 99.06 98.23 97.49
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	2,873,020 2,791,915 2,390,608 2,332,265 2,277,097 2,190,625 2,190,625 2,045,829 1,954,647 1,692,241	81,105 337,436 26,090 55,168 86,472 144,796 41,395 262,406	0.0282 0.1209 0.0109 0.0237 0.0380 0.0000 0.0661 0.0202 0.1342 0.0000	0.9718 0.8791 0.9891 0.9763 0.9620 1.0000 0.9339 0.9798 0.8658 1.0000	95.02 92.34 81.18 80.29 78.39 75.42 75.42 70.43 69.01 59.74
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	1,562,012 1,309,581 1,268,261 1,186,754 1,236,595 1,071,060 863,867 822,139 685,973 421,065	101,570 6,893 53,383 107,751 29,980 63,759 254,425 30,818	0.0650 0.0000 0.0054 0.0450 0.0871 0.0280 0.0000 0.0776 0.3709 0.0732	0.9350 1.0000 0.9946 0.9550 0.9129 0.9720 1.0000 0.9224 0.6291 0.9268	59.74 55.86 55.86 55.55 53.06 48.43 47.08 47.08 43.43 27.32
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	382,116 363,833 285,525 203,035 69,759 54,134 54,134 54,134 54,134	15,626	0.0000 0.0000 0.0000 0.0000 0.2240 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.7760 1.0000 1.0000 1.0000 1.0000	25.32 25.32 25.32 25.32 25.32 19.65 19.65 19.65 19.65



ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1961-2019 EXPERIENCE BAND 1961-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 54,134 8,938 0.1651 0.8349 19.65 40.5 45,196 0.0000 1.0000 16.40 41.5 45,196 0.0000 1.0000 16.40 42.5 45,196 0.0000 1.0000 16.40 43.5 45,196 0.0000 1.0000 16.40 44.5 45,196 0.0000 1.0000 16.40 45.5 45,196 5,497 0.1216 0.8784 16.40 39,699 46.5 0.0000 1.0000 14.41 47.5 39,699 7,141 0.1799 0.8201 14.41 1.0000 48.5 32,558 0.0000 11.82 49.5 32,558 0.0000 1.0000 11.82 32,558 7,357 0.2260 0.7740 50.5 11.82 51.5 25,201 25,201 1.0000 9.15 52.5

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

PLACEMENT E	BAND 1961-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	1,583,294 1,493,816 1,326,960 1,554,404 1,413,514 1,348,366 1,618,397 1,694,417 1,750,021 1,996,667	12,803 11,420 8,263 26,457 23,530 78,631	0.0000 0.0000 0.0000 0.0082 0.0081 0.0000 0.0051 0.0156 0.0134 0.0394	1.0000 1.0000 1.0000 0.9918 0.9919 1.0000 0.9949 0.9844 0.9866 0.9606	100.00 100.00 100.00 100.00 99.18 98.38 98.38 97.87 96.34 95.05
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	1,769,103 2,133,112 1,897,679 2,129,230 2,207,338 2,120,866 2,120,866 1,976,070 1,884,888 1,622,482	81,105 337,436 26,090 55,168 86,472 144,796 41,395 262,406	0.0458 0.1582 0.0137 0.0259 0.0392 0.0000 0.0683 0.0209 0.1392 0.0000	0.9542 0.8418 0.9863 0.9741 0.9608 1.0000 0.9317 0.9791 0.8608 1.0000	91.31 87.12 73.34 72.33 70.46 67.70 67.70 63.07 61.75 53.16
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,492,253 1,239,822 1,198,502 1,132,620 1,182,462 1,016,927 809,733 776,943 640,777 375,869	101,570 6,893 53,383 107,751 29,980 63,759 254,425 30,818	0.0681 0.0000 0.0058 0.0471 0.0911 0.0295 0.0000 0.0821 0.3971 0.0820	0.9319 1.0000 0.9942 0.9529 0.9089 0.9705 1.0000 0.9179 0.6029 0.9180	53.16 49.54 49.54 49.25 46.93 42.66 41.40 41.40 38.00 22.91
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	336,920 318,637 240,329 163,336 30,060 21,576 21,576 21,576 28,933 54,134	15,626	0.0000 0.0000 0.0000 0.5198 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.4802 1.0000 1.0000 1.0000 1.0000	21.03 21.03 21.03 21.03 21.03 10.10 10.10 10.10

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1961-2019 EXPERIENCE BAND 2000-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE SURV BEGIN OF RETMT INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 54,134 8,938 0.1651 0.8349 10.10 1.0000 40.5 45,196 0.0000 8.43 41.5 45,196 0.0000 1.0000 8.43 42.5 45,196 0.0000 1.0000 8.43 43.5 45,196 0.0000 1.0000 8.43 44.5 45,196 0.0000 1.0000 8.43 45.5 45,196 5,497 0.1216 0.8784 8.43 39,699 7.41 46.5 0.0000 1.0000 47.5 39,699 7,141 0.1799 0.8201 7.41 1.0000 48.5 32,558 0.0000 6.07 49.5 32,558 0.0000 1.0000 6.07 32,558 7,357 0.2260 0.7740 6.07 50.5 51.5 25,201 25,201 1.0000 4.70 52.5

LOUISVILLE GAS AND ELECTRIC COMPANY
ELECTRIC PLANT
ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER
ORIGINAL AND SMOOTH SURVIVOR CURVES

9 ORIGINAL CURVE = 1926-2019 EXPERIENCE 1926-2013 PLACEMENTS 20 IOWA 23-S1 AGE IN YEARS 20 9 100₽ 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

PLACEMENT E	BAND 1926-2013		EXPE	RIENCE BAN	D 1926-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	445,428 445,211 444,774 444,708 443,921 442,899 433,815 379,675 377,428 341,486	217 437 66 787 1,022 9,084 8,979 1,263 4,548 2,222	0.0005 0.0010 0.0001 0.0018 0.0023 0.0205 0.0207 0.0033 0.0120 0.0065	0.9995 0.9990 0.9999 0.9982 0.9977 0.9795 0.9793 0.9967 0.9880 0.9935	100.00 99.95 99.85 99.84 99.66 99.43 97.39 95.38 95.06 93.91
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	266,210 263,656 246,430 241,930 239,508 232,177 217,766 213,235 204,947 203,098	2,554 17,226 4,500 2,422 7,331 14,411 4,531 8,288 1,849 2,282	0.0096 0.0653 0.0183 0.0100 0.0306 0.0621 0.0208 0.0389 0.0090 0.0112	0.9904 0.9347 0.9817 0.9900 0.9694 0.9379 0.9792 0.9611 0.9910 0.9888	93.30 92.41 86.37 84.79 83.94 81.38 76.32 74.74 71.83 71.18
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	200,816 197,398 193,553 191,035 189,453 183,910 180,239 162,278 137,967 130,141	3,418 3,845 2,518 1,582 2,553 3,098 1,053 2,182 3,787 1,000	0.0170 0.0195 0.0130 0.0083 0.0135 0.0168 0.0058 0.0134 0.0274 0.0077	0.9830 0.9805 0.9870 0.9917 0.9865 0.9832 0.9942 0.9866 0.9726 0.9923	70.38 69.19 67.84 66.96 66.40 65.51 64.40 64.03 63.17 61.43
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	129,141 116,208 115,631 111,666 38,945 9,118 8,052 4,159 3,587 3,587	12,933 577 3,965 72,721 29,827 1,066 3,892 572	0.1001 0.0050 0.0343 0.6512 0.7659 0.1169 0.4834 0.1376 0.0000	0.8999 0.9950 0.9657 0.3488 0.2341 0.8831 0.5166 0.8624 1.0000	60.96 54.85 54.58 52.71 18.38 4.30 3.80 1.96 1.69

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2013 EXPERIENCE BAND 1926-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 3,587 120 0.0335 0.9665 1.69 40.5 0.0000 3,467 1.0000 1.64 41.5 3,467 0.0000 1.0000 1.64 42.5 3,467 554 0.1598 0.8402 1.64 43.5 2,913 0.0000 1.0000 1.38 44.5 2,913 0.0000 1.0000 1.38 1.0000 45.5 2,913 0.0000 1.38 46.5 2,913 2,025 0.6952 0.3048 1.38 47.5 888 33 0.0372 0.9628 0.42 1.0000 48.5 0.0000 855 0.40 49.5 855 0.0000 1.0000 0.40 50.5 0.0000 1.0000 855 0.40 51.5 855 0.0000 1.0000 0.40 52.5 855 0.0000 1.0000 0.40 53.5 855 0.0000 1.0000 0.40 54.5 855 0.0000 1.0000 0.40 55.5 855 0.0000 1.0000 0.40 56.5 855 0.0000 1.0000 0.40 57.5 855 0.0000 1.0000 0.40 58.5 855 0.0000 1.0000 0.40 59.5 855 0.0000 1.0000 0.40 60.5 855 0.0000 1.0000 0.40 61.5 855 0.0000 1.0000 0.40 62.5 855 0.0000 1.0000 0.40 599 0.7006 63.5 0.40 855 0.2994 64.5 256 0.0000 1.0000 0.12 65.5 256 256 1.0000 0.12

66.5

GAS PLANT



ORIGINAL CURVE = 1949-2019 EXPERIENCE 1949-2013 PLACEMENTS 100 **IOWA 65-R4** ORIGINAL AND SMOOTH SURVIVOR CURVES 8 LOUISVILLE GAS AND ELECTRIC COMPANY ACCOUNT 350.2 RIGHTS OF WAY AGE IN YEARS GAS PLANT 9 20 ||0 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING



120

ACCOUNT 350.2 RIGHTS OF WAY

PLACEMENT	BAND 1949-2013		EXPE	RIENCE BAN	D 1949-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	104,869 104,869 104,869 104,869 104,869 104,869 104,869 95,614 95,614		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	95,614 63,678 63,678 63,678 63,678 60,021 60,021 60,021 17,099		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	17,099 17,099 17,099 17,099 17,099 17,099 17,099 17,099 17,099		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

ACCOUNT 350.2 RIGHTS OF WAY

PLACEMENT E	BAND 1949-2013		EXPE	RIENCE BAN	D 1949-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325 2,325		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
69.5 70.5	2,302		0.0000	1.0000	100.00

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES

120 ORIGINAL CURVE ■ 1930-2019 EXPERIENCE 1930-2019 PLACEMENTS 100 IOWA 60-R2. 8 AGE IN YEARS 9 20 9 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING

ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

PLACEMENT E	BAND 1930-2019		EXPE	RIENCE BAN	D 1930-2019
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 0.5 1.5 2.5 3.5	10,732,940 10,319,407 10,335,792 10,291,545 9,812,755	13,816 261	0.0000 0.0013 0.0000 0.0000	1.0000 0.9987 1.0000 1.0000	100.00 100.00 99.87 99.86 99.86
4.5 5.5 6.5 7.5 8.5	9,812,755 5,870,185 5,714,102 5,473,337 5,457,890	386 18,216 61,904	0.0000 0.0000 0.0032 0.0000 0.0113	1.0000 1.0000 0.9968 1.0000 0.9887	99.86 99.86 99.86 99.54 99.54
9.5 10.5 11.5 12.5 13.5 14.5	1,924,049 1,694,657 1,641,392 1,654,343 1,641,299 1,491,236 1,198,050	8,175 22,854 2,549 6,253 5,272	0.0042 0.0135 0.0000 0.0000 0.0016 0.0042 0.0044	0.9958 0.9865 1.0000 1.0000 0.9984 0.9958 0.9956	98.41 97.99 96.67 96.67 96.67 96.52 96.12
16.5 17.5 18.5	1,000,699 1,017,179 862,259	926	0.0000 0.0000 0.0011	1.0000 1.0000 0.9989	95.69 95.69 95.69
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	812,767 811,757 851,998 672,213 482,897 482,897 473,964 469,580 467,461 459,292	1,413 3,466 2,120 8,933 4,384 2,120 168	0.0017 0.0000 0.0041 0.0032 0.0000 0.0185 0.0093 0.0045 0.0004	0.9983 1.0000 0.9959 0.9968 1.0000 0.9815 0.9907 0.9955 0.9996 1.0000	95.59 95.43 95.43 95.04 94.74 94.74 92.99 92.13 91.71 91.68
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	459,292 448,378 443,975 398,828 398,357 395,707 395,707 379,478 309,559 309,559	925 1,500 471 2,651 10,152	0.0020 0.0000 0.0034 0.0012 0.0067 0.0000 0.0257 0.0000 0.0000	0.9980 1.0000 0.9966 0.9988 0.9933 1.0000 0.9743 1.0000 1.0000	91.68 91.49 91.49 91.18 91.08 90.47 90.47 88.15 88.15



ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

PLACEMENT E	BAND 1930-2019		EXPER	RIENCE BAN	D 1930-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	309,559 297,078 297,049 295,660 295,660 292,967 276,487 276,487 274,955	29 627 746 995	0.0000 0.0001 0.0021 0.0000 0.0000 0.0000 0.0000 0.0027 0.0000 0.0036	1.0000 0.9999 0.9979 1.0000 1.0000 1.0000 0.9973 1.0000 0.9964	88.15 88.14 87.95 87.95 87.95 87.95 87.95 87.72
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	226,112 224,728 224,728 224,728 224,728 221,288 176,732 176,732 129,807 129,438	1,384 3,440 695 14 369	0.0061 0.0000 0.0000 0.0000 0.0153 0.0031 0.0000 0.0001 0.0028 0.0000	0.9939 1.0000 1.0000 0.9847 0.9969 1.0000 0.9999 0.9972 1.0000	87.40 86.86 86.86 86.86 85.53 85.26 85.26 85.26
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5 70.5 71.5 72.5	129,042 58,501 55,055 55,049 53,460 51,931 51,097 47,404 25,149 18,944 14,744 10,403 10,403 8,798	5,336 6 206 1,529 834 1,672 6,205 4,200	0.0414 0.0000 0.0001 0.0037 0.0286 0.0161 0.0000 0.0353 0.2467 0.2217 0.0000 0.0000 0.0000	0.9586 1.0000 0.9999 0.9963 0.9714 0.9839 1.0000 0.9647 0.7533 0.7783 1.0000 1.0000 1.0000 0.9795	85.02 81.50 81.50 81.49 81.19 78.86 77.60 74.86 56.39 43.89 43.89 43.89
73.5 74.5 75.5 76.5 77.5	8,618 8,618 4,808 4,756	515 52 25	0.0000 0.0598 0.0109 0.0053	1.0000 0.9402 0.9891 0.9947	42.99 42.99 40.42 39.98 39.76

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES

ORIGINAL CURVE ■ 1948-2019 EXPERIENCE 1948-2010 PLACEMENTS 100 **IOWA 65-R3** 8 AGE IN YEARS 9 20 |0 1001 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ SURVIVING

120

ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES

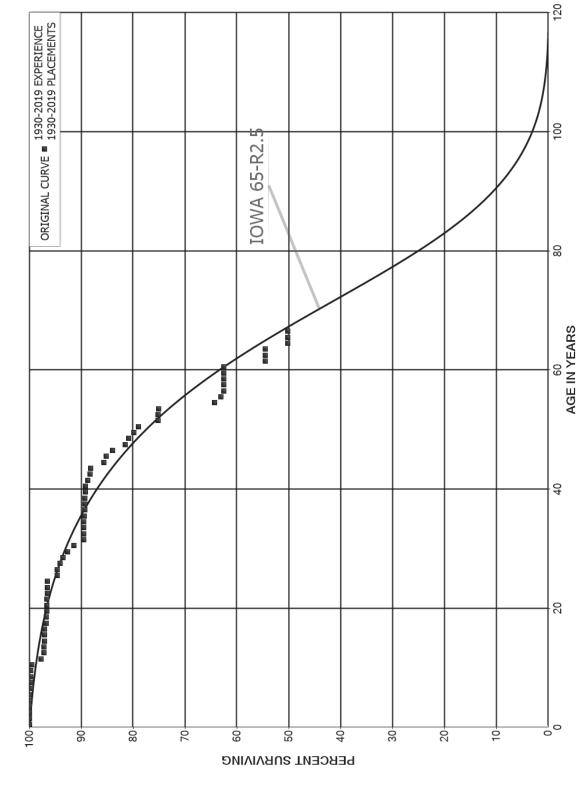
PLACEMENT E	BAND 1948-2010		EXPE	RIENCE BAN	D 1948-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	35,912 35,912 35,912 35,912 35,912 35,912 35,912 35,912 35,912		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	13,640 13,640 13,640 13,640 13,331 11,634 11,634 11,634 10,880	309	0.0000 0.0000 0.0000 0.0000 0.0227 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9773 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 97.73 97.73 97.73 97.73
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	10,880 10,880 10,880 10,880 10,880 5,303 10,880 10,880 10,880		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	97.73 97.73 97.73 97.73 97.73 97.73 97.73 97.73 97.73
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	10,880 10,880 10,880 10,880 10,880 10,880 10,880 10,880 10,880		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	97.73 97.73 97.73 97.73 97.73 97.73 97.73 97.73 97.73

ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1948-2010 EXPERIENCE BAND 1948-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 10,880 0.0000 1.0000 97.73 40.5 10,880 1.0000 97.73 0.0000 41.5 10,880 0.0000 1.0000 97.73 42.5 10,880 0.0000 1.0000 97.73 43.5 10,880 0.0000 1.0000 97.73 10,880 44.5 0.0000 1.0000 97.73 10,880 1.0000 45.5 0.0000 97.73 10,880 46.5 0.0000 1.0000 97.73 47.5 10,880 0.0000 1.0000 97.73 1.0000 48.5 10,880 0.0000 97.73 49.5 10,880 109 0.0100 0.9900 97.73 10,771 50.5 0.0000 1.0000 96.76 10,406 51.5 0.0000 1.0000 96.76 52.5 10,406 0.0000 1.0000 96.76 53.5 10,275 0.0000 1.0000 96.76 54.5 4,698 0.0000 1.0000 96.76 96.76 55.5 4,698 0.0000 1.0000 56.5 4,698 0.0000 1.0000 96.76 57.5 4,698 0.0000 1.0000 96.76 58.5 4,698 0.0000 1.0000 96.76 59.5 3,000 0.0000 1.0000 96.76 60.5 96.76

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 351.4 OTHER STRUCTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 351.4 OTHER STRUCTURES

PLACEMENT E	BAND 1930-2019		EXPER	RIENCE BAN	D 1930-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	7,494,411 6,883,729 6,748,251 6,011,923 5,206,788 4,895,106 4,260,432 2,777,607 2,726,252 2,247,604	499 2,848 2,089 5,469 365 635	0.0000 0.0000 0.0001 0.0005 0.0000 0.0004 0.0013 0.0000 0.0001 0.0003	1.0000 1.0000 0.9999 0.9995 1.0000 0.9996 0.9987 1.0000 0.9999	100.00 100.00 100.00 99.99 99.95 99.95 99.77 99.77
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	1,753,034 1,374,184 1,358,538 1,285,111 1,271,069 1,239,590 1,201,777 1,177,847 1,115,482 1,092,511	4,885 23,515 7,953 1,070 210 5,000	0.0028 0.0171 0.0059 0.0000 0.0008 0.0002 0.0000 0.0042 0.0000 0.0009	0.9972 0.9829 0.9941 1.0000 0.9992 0.9998 1.0000 0.9958 1.0000 0.9991	99.73 99.45 97.75 97.18 97.18 97.10 97.08 97.08 96.67
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	775,138 773,962 707,532 706,448 684,962 703,838 686,604 631,053 618,853 615,232	559 156 13,601 400 3,223 3,621 6,137	0.0000 0.0000 0.0008 0.0002 0.0000 0.0193 0.0006 0.0051 0.0059 0.0100	1.0000 1.0000 0.9992 0.9998 1.0000 0.9807 0.9994 0.9949 0.9941 0.9900	96.58 96.58 96.51 96.49 96.49 94.62 94.57 94.08 93.53
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	615,232 579,110 488,873 482,972 480,422 476,206 475,400 474,739 467,693 467,693	7,982 11,992 806 661	0.0130 0.0207 0.0000 0.0000 0.0000 0.0017 0.0014 0.0000 0.0000	0.9870 0.9793 1.0000 1.0000 0.9983 0.9986 1.0000 1.0000	92.60 91.40 89.51 89.51 89.51 89.36 89.23 89.23

ACCOUNT 351.4 OTHER STRUCTURES

PLACEMENT E	BAND 1930-2019		EXPER	RIENCE BAN	D 1930-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	445,515 445,515 440,979 436,922 431,550 418,712 394,671 389,046 377,155 374,134	2,228 2,234 492 12,838 2,261 5,624 11,374 2,750 4,866	0.0000 0.0050 0.0051 0.0011 0.0297 0.0054 0.0143 0.0292 0.0073 0.0130	1.0000 0.9950 0.9949 0.9989 0.9703 0.9946 0.9857 0.9708 0.9927 0.9870	89.21 89.21 88.76 88.31 88.21 85.59 85.12 83.91 81.46 80.86
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	349,616 343,101 292,183 265,638 264,828 221,775 168,309 165,300 157,367 146,973	3,697 16,397 326 37,965 4,260 1,570	0.0106 0.0478 0.0000 0.0012 0.1434 0.0192 0.0093 0.0000 0.0000	0.9894 0.9522 1.0000 0.9988 0.8566 0.9808 0.9907 1.0000 1.0000	79.81 78.97 75.19 75.19 75.10 64.34 63.10 62.51 62.51
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	146,973 24,018 20,928 20,928 20,928 19,263 12,302 9,022 8,257 6,560	3,090 1,665	0.0000 0.1287 0.0000 0.0000 0.0796 0.0000 0.0000 0.0000 0.0000	1.0000 0.8713 1.0000 1.0000 0.9204 1.0000 1.0000 1.0000	62.51 62.51 54.47 54.47 50.14 50.14 50.14 50.14
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	6,560 6,560 5,806 5,761 5,761 5,761 5,761		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	50.14 50.14 50.14 50.14 50.14 50.14 50.14 50.14

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 352.1 STORAGE LEASEHOLDS AND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES

ORIGINAL CURVE = 1930-1998 PLACEMENTS 100 IOWA 75-R4 8 AGE IN YEARS 9 2 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING

120

ACCOUNT 352.1 STORAGE LEASEHOLDS AND RIGHTS

PLACEMENT E	BAND 1930-1998		EXPER	RIENCE BAN	D 1971-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	296,699 296,699 296,699 296,699 296,699 296,699 296,699 339,827 339,827		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	339,827 342,025 342,040 548,108 548,108 548,108 548,108 548,108 548,108 548,108		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	548,108 548,108 546,521 546,521 546,521 546,521 546,521 546,521 546,521		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	544,516 544,516 544,516 544,516 540,712 540,712 540,712 540,712 539,212 539,212	3,804	0.0000 0.0000 0.0000 0.0070 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9930 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 99.30 99.30 99.30 99.30 99.30

ACCOUNT 352.1 STORAGE LEASEHOLDS AND RIGHTS

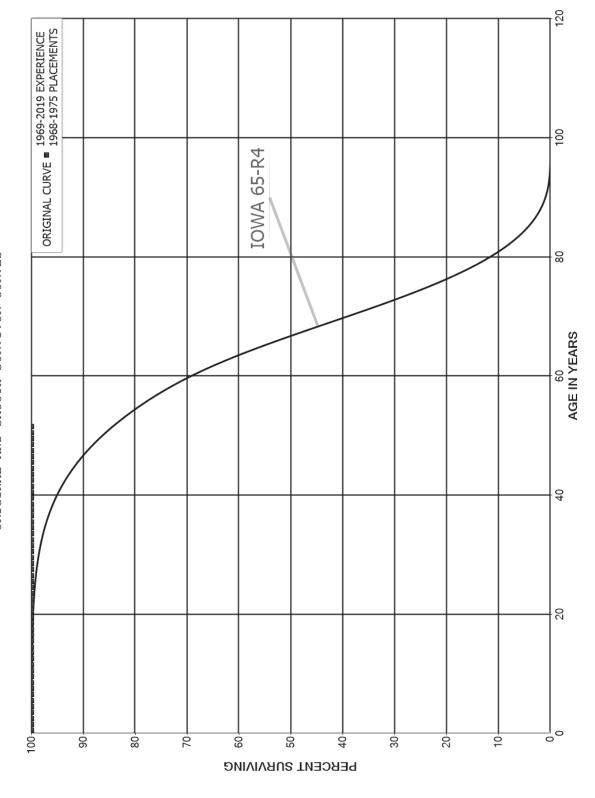
PLACEMENT E	BAND 1930-1998		EXPER	RIENCE BAN	D 1971-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	539,212 539,212 543,149 543,149 543,149 512,983 512,983 512,691 512,691 255,346		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	255,346 255,346 255,346 255,346 255,346 255,346 212,218 212,218 212,218 210,020		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	210,005 3,937 3,937 3,937 3,937 3,937 3,937 3,937 3,937		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	3,937 3,937 3,937 3,937 3,937 3,937 3,937 3,937		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30 99.30

ACCOUNT 352.1 STORAGE LEASEHOLDS AND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-1998 EXPERIENCE BAND 1971-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 0.0000 1.0000 3,937 99.30 80.5 3,937 1.0000 99.30 0.0000 81.5 3,937 0.0000 1.0000 99.30 82.5 3,937 0.0000 1.0000 99.30 83.5 3,937 0.0000 1.0000 99.30 84.5 3,937 0.0000 1.0000 99.30 85.5 3,937 1.0000 0.0000 99.30 86.5 3,937 0.0000 1.0000 99.30 87.5 3,937 0.0000 1.0000 99.30 88.5 3,937 0.0000 1.0000 99.30 89.5 99.30

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 352.2 RESERVOIRS
ORIGINAL AND SMOOTH SURVIVOR CURVES



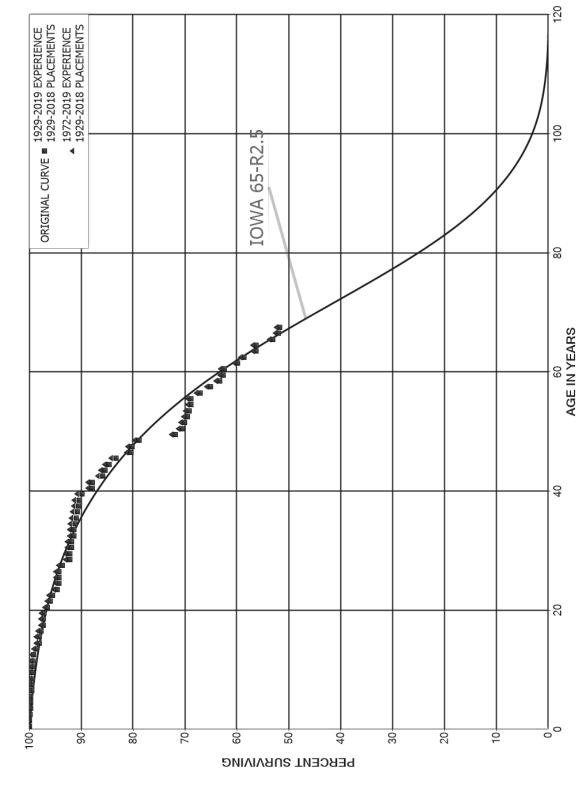
ACCOUNT 352.2 RESERVOIRS

PLACEMENT E	BAND 1968-1975		EXPER	RIENCE BAN	D 1969-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	400,511 400,511 400,511 400,511 400,511 400,511 400,511 400,511 400,511		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	400,511 400,511 400,511 400,511 400,511 400,511 400,511 400,511 400,511		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	400,511 371,355 400,511 315,976 400,511 400,511 400,511 400,511 400,511		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	400,511 400,511 400,511 400,511 400,511 400,511 400,511 400,511 400,511		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

ACCOUNT 352.2 RESERVOIRS

PLACEMENT BAND 1968-1975 EXPERIENCE BAND 1969-					D 1969-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	400,511 400,511 400,511 400,511 400,511 375,012 375,012 375,012 336,860 226,092		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
49.5 50.5 51.5	196,936 84,535		0.0000	1.0000	100.00 100.00 100.00

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 352.4 WELL DRILLING
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 352.4 WELL DRILLING

PLACEMENT E	BAND 1929-2018		EXPEF	RIENCE BAN	D 1929-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	6,527,831 6,520,840 6,563,535 6,494,886 6,484,932 6,474,193 5,958,940 4,660,243 2,828,146 2,824,719	7,030 2,289 9,954 1,684 8,301 3,427	0.0011 0.0000 0.0003 0.0015 0.0003 0.0000 0.0014 0.0000 0.0012 0.0000	0.9989 1.0000 0.9997 0.9985 0.9997 1.0000 0.9986 1.0000 0.9988 1.0000	100.00 99.89 99.86 99.70 99.68 99.68 99.54 99.54
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	2,855,162 2,821,874 2,821,874 2,833,086 2,820,140 2,785,977 2,760,518 2,703,153 2,637,214 2,580,678	2,843 3,216 16,509 16,172 1,498 6,804 13,728	0.0010 0.0000 0.0011 0.0058 0.0057 0.0005 0.0025 0.0051 0.0000 0.0014	0.9990 1.0000 0.9989 0.9942 0.9943 0.9995 0.9975 0.9949 1.0000 0.9986	99.42 99.32 99.32 99.21 98.63 98.06 98.01 97.77 97.27
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,391,164 2,325,905 2,378,049 2,030,901 2,303,102 2,295,262 2,282,554 2,284,051 2,279,217 2,245,316	16,178 14,271 9,014 19,639 7,840 16,046 33,901 1,822	0.0068 0.0061 0.0038 0.0097 0.0034 0.0000 0.0000 0.0070 0.0149 0.0008	0.9932 0.9939 0.9962 0.9903 0.9966 1.0000 1.0000 0.9930 0.9851 0.9992	97.14 96.48 95.89 95.53 94.60 94.28 94.28 94.28 93.62 92.23
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,243,494 2,235,514 2,227,611 2,205,159 2,138,571 2,061,900 2,026,195 2,020,683 1,905,828 1,880,821	7,980 11,602 4,355 4,175 5,512 5,899 1,465 12,313	0.0036 0.0000 0.0052 0.0000 0.0020 0.0020 0.0027 0.0029 0.0008 0.0065	0.9964 1.0000 0.9948 1.0000 0.9980 0.9973 0.9971 0.9992 0.9935	92.15 91.82 91.35 91.35 91.16 90.97 90.73 90.46 90.39

ACCOUNT 352.4 WELL DRILLING

PLACEMENT E	BAND 1929-2018		EXPE	RIENCE BAN	D 1929-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,868,509 1,801,649 1,743,296 1,652,408 1,618,380 1,576,537 1,526,284 1,419,883 1,386,419 1,314,307	41,751 38,482 9,926 14,275 23,751 52,688 4,141 22,922 117,997	0.0223 0.0000 0.0221 0.0060 0.0088 0.0151 0.0345 0.0029 0.0165 0.0898	0.9777 1.0000 0.9779 0.9940 0.9912 0.9849 0.9655 0.9971 0.9835 0.9102	89.80 87.79 87.79 85.86 85.34 84.59 83.31 80.44 80.20 78.88
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,086,378 1,066,848 719,999 682,583 650,377 617,034 567,719 503,902 439,667 391,213	19,530 6,495 5,367 3,472 3,938 13,786 15,016 12,259 4,222	0.0180 0.0061 0.0075 0.0051 0.0061 0.0000 0.0243 0.0298 0.0279 0.0108	0.9820 0.9939 0.9925 0.9949 0.9939 1.0000 0.9757 0.9702 0.9721 0.9892	71.80 70.50 70.08 69.55 69.20 68.78 68.78 67.11 65.11 63.29
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	357,558 191,224 176,381 148,739 123,177 102,626 91,347 82,215 53,984 38,081 35,740 27,083 9,185	1,162 7,859 3,742 5,865 5,744 1,979 328	0.0032 0.0411 0.0212 0.0394 0.0000 0.0560 0.0217 0.0040 0.0000 0.0000	0.9968 0.9589 0.9788 0.9606 1.0000 0.9440 0.9783 0.9960 1.0000 1.0000	62.61 62.41 59.84 58.57 56.26 56.26 53.12 51.96 51.76 51.76
72.5 73.5 74.5 75.5	2,107 2,107 2,107		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	51.76 51.76 51.76 51.76

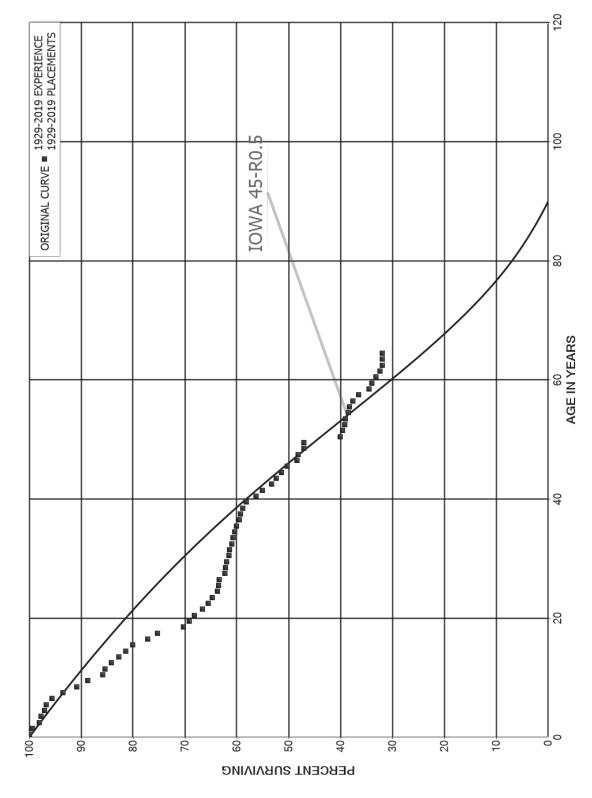
ACCOUNT 352.4 WELL DRILLING

PLACEMENT	BAND 1929-2018		EXPER	RIENCE BAN	D 1972-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	4,723,628 4,837,360 4,925,480 5,574,747 5,622,503 5,643,813 5,178,700 3,930,043 2,142,094 2,197,844	6,884 1,684 3,427	0.0000 0.0000 0.0000 0.0012 0.0003 0.0000 0.0000 0.0000 0.0016 0.0000	1.0000 1.0000 1.0000 0.9988 0.9997 1.0000 1.0000 0.9984 1.0000	100.00 100.00 100.00 100.00 99.88 99.85 99.85 99.85 99.85
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	2,277,525 2,290,051 2,325,570 2,534,204 2,536,421 2,532,367 2,531,844 2,503,385 2,453,490 2,412,822	2,843 3,216 8,329 13,201 6,804 13,728 3,528	0.0012 0.0000 0.0014 0.0033 0.0052 0.0000 0.0027 0.0055 0.0000 0.0015	0.9988 1.0000 0.9986 0.9967 0.9948 1.0000 0.9973 0.9945 1.0000 0.9985	99.69 99.56 99.56 99.42 99.10 98.58 98.58 98.78 97.78
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,256,122 2,210,750 2,289,883 1,963,693 2,266,793 2,266,031 2,253,323 2,254,820 2,258,277 2,225,882	16,178 9,483 9,014 19,639 7,840 12,632 32,395	0.0072 0.0043 0.0039 0.0100 0.0035 0.0000 0.0056 0.0143 0.0000	0.9928 0.9957 0.9961 0.9900 0.9965 1.0000 1.0000 0.9944 0.9857 1.0000	97.64 96.94 96.52 96.14 95.18 94.85 94.85 94.85 94.85 94.32 92.96
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,230,050 2,222,070 2,214,167 2,193,110 2,127,025 2,051,589 2,015,884 2,010,372 1,895,517 1,870,510	7,980 10,207 3,120 4,175 5,512 5,899 1,465 12,313	0.0036 0.0000 0.0046 0.0000 0.0015 0.0020 0.0027 0.0029 0.0008 0.0066	0.9964 1.0000 0.9954 1.0000 0.9985 0.9980 0.9973 0.9971 0.9992 0.9934	92.96 92.63 92.63 92.20 92.20 92.07 91.88 91.63 91.36 91.29

ACCOUNT 352.4 WELL DRILLING

PLACEMENT BAND 1929-2018			EXPE	RIENCE BAN	ID 1972-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,858,198 1,793,291 1,737,435 1,652,408 1,618,380 1,576,537 1,526,284 1,419,883 1,386,419 1,314,307	41,751 38,482 9,926 14,275 23,751 52,688 4,141 22,922 117,997	0.0225 0.0000 0.0221 0.0060 0.0088 0.0151 0.0345 0.0029 0.0165 0.0898	0.9775 1.0000 0.9779 0.9940 0.9912 0.9849 0.9655 0.9971 0.9835 0.9102	90.69 88.65 88.65 86.69 86.17 85.41 84.12 81.22 80.98 79.64
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	1,086,378 1,066,848 719,999 682,583 650,377 617,034 567,719 503,902 439,667 391,213	19,530 6,495 5,367 3,472 3,938 13,786 15,016 12,259 4,222	0.0180 0.0061 0.0075 0.0051 0.0061 0.0000 0.0243 0.0298 0.0279 0.0108	0.9820 0.9939 0.9925 0.9949 0.9939 1.0000 0.9757 0.9702 0.9721 0.9892	72.49 71.19 70.76 70.23 69.87 69.45 69.45 67.76 65.74 63.91
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5 70.5 71.5 72.5 73.5 74.5	357,558 191,224 176,381 148,739 123,177 102,626 91,347 82,215 53,984 38,081 35,740 27,083 9,185 2,107 2,107 2,107	1,162 7,859 3,742 5,865 5,744 1,979 328	0.0032 0.0411 0.0212 0.0394 0.0000 0.0560 0.0217 0.0040 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9968 0.9589 0.9788 0.9606 1.0000 0.9440 0.9783 0.9960 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	63.22 63.01 60.42 59.14 56.81 53.63 52.47 52.26 52.26 52.26 52.26 52.26 52.26 52.26 52.26

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 352.5 WELL EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 352.5 WELL EQUIPMENT

PLACEMENT H	BAND 1929-2019		EXPER	RIENCE BAN	D 1929-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	19,435,831 18,054,312 17,152,834 16,044,912 15,199,143 15,006,312 14,738,864 12,909,864 10,229,960 8,850,561	4,008 109,398 217,571 54,823 118,496 42,817 166,151 290,290 295,167 204,026	0.0002 0.0061 0.0127 0.0034 0.0078 0.0029 0.0113 0.0225 0.0289 0.0231	0.9998 0.9939 0.9873 0.9966 0.9922 0.9971 0.9887 0.9775 0.9711	100.00 99.98 99.37 98.11 97.78 97.02 96.74 95.65 93.50 90.80
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	7,385,792 5,834,464 5,814,063 5,713,064 5,602,754 5,180,187 4,715,645 4,680,113 4,285,249 3,751,293	241,825 24,379 88,216 96,468 88,503 86,464 168,754 115,264 285,107 62,007	0.0327 0.0042 0.0152 0.0169 0.0158 0.0167 0.0358 0.0246 0.0665 0.0165	0.9673 0.9958 0.9848 0.9831 0.9842 0.9833 0.9642 0.9754 0.9335 0.9835	88.71 85.80 85.44 84.15 82.73 81.42 80.06 77.20 75.29 70.28
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	3,399,239 3,253,268 3,245,187 2,788,045 3,036,495 2,910,845 2,782,300 2,591,317 2,554,311 2,296,929	46,734 72,113 57,562 30,635 46,946 10,966 5,659 45,117 6,405 8,075	0.0137 0.0222 0.0177 0.0110 0.0155 0.0038 0.0020 0.0174 0.0025 0.0035	0.9863 0.9778 0.9823 0.9890 0.9845 0.9962 0.9980 0.9826 0.9975 0.9965	69.12 68.17 66.66 65.48 64.76 63.76 63.52 63.39 62.29 62.13
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,172,802 2,143,063 2,133,081 2,039,555 1,920,962 1,820,888 1,720,344 1,704,709 1,644,138 1,581,518	14,900 4,346 14,283 9,132 10,096 9,727 15,363 6,369 13,257 17,367	0.0069 0.0020 0.0067 0.0045 0.0053 0.0053 0.0089 0.0037 0.0081 0.0110	0.9931 0.9980 0.9933 0.9955 0.9947 0.9947 0.9911 0.9963 0.9919 0.9890	61.91 61.49 61.36 60.95 60.68 60.36 60.04 59.50 59.28 58.80



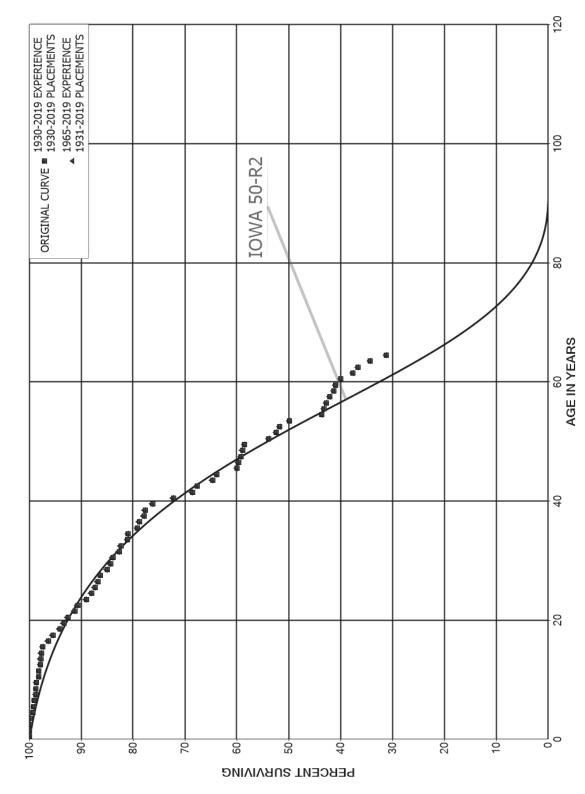
ACCOUNT 352.5 WELL EQUIPMENT

PLACEMENT H	BAND 1929-2019		EXPEF	RIENCE BAN	D 1929-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,564,151 1,504,739 1,419,117 1,279,592 1,247,182 1,189,378 1,080,126 983,797 971,262 904,591	50,543 33,259 44,347 22,875 22,426 25,029 42,072 3,599 23,137 235	0.0323 0.0221 0.0312 0.0179 0.0180 0.0210 0.0390 0.0037 0.0238 0.0003	0.9677 0.9779 0.9688 0.9821 0.9820 0.9790 0.9610 0.9963 0.9762 0.9997	58.15 56.28 55.03 53.31 52.36 51.42 50.34 48.37 48.20 47.05
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	807,257 640,485 571,651 525,269 479,087 431,176 375,148 316,055 262,239 235,693	7,853 5,923 2,418 6,479 1,975 6,778	0.1474 0.0123 0.0104 0.0046 0.0135 0.0046 0.0181 0.0285 0.0546 0.0164	0.8526 0.9877 0.9896 0.9954 0.9865 0.9954 0.9819 0.9715 0.9454 0.9836	47.04 40.11 39.61 39.20 39.02 38.50 38.32 37.63 36.55 34.56
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	211,069 106,202 110,598 95,283 87,758 64,150 62,999 55,719 34,243 22,319	4,796 2,482 1,517 165 3,454 1,106 133	0.0227 0.0234 0.0137 0.0017 0.0000 0.0538 0.0176 0.0024 0.0000	0.9773 0.9766 0.9863 0.9983 1.0000 0.9462 0.9824 0.9976 1.0000	33.99 33.22 32.45 32.00 31.94 31.94 30.22 29.69 29.62
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	17,522 11,845 2,311 2,311 2,311 2,311 619 2,355 1,086 1,086	955 650	0.0000 0.0806 0.0000 0.0000 0.0000 0.0000 0.2761 0.0000 0.0000	1.0000 0.9194 1.0000 1.0000 1.0000 1.0000 0.7239 1.0000 1.0000	29.62 29.62 27.24 27.24 27.24 27.24 27.24 27.24 19.72

ACCOUNT 352.5 WELL EQUIPMENT

PLACEMENT 1	BAND 1929-2019		EXPE	RIENCE BAN	ID 1929-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5	1,086 1,086 1,086 1,086 1,086		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	19.72 19.72 19.72 19.72 19.72 19.72

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 353 LINES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 353 LINES

PLACEMENT E	BAND 1930-2019		EXPE	RIENCE BAN	D 1930-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	28,037,870 27,394,172 26,771,688 26,893,582 25,523,532 24,009,847 20,654,144 18,075,451 16,775,201 16,107,908	251 11,252 20,599 162,499 24,299 22,935 50,311 7,494 14,541	0.0000 0.0000 0.0004 0.0008 0.0064 0.0010 0.0011 0.0028 0.0004 0.0009	1.0000 1.0000 0.9996 0.9992 0.9936 0.9990 0.9989 0.9972 0.9996 0.9991	100.00 100.00 100.00 99.96 99.88 99.24 99.14 99.03 98.76 98.71
9.5	15,398,272	77,397	0.0050	0.9950	98.63
10.5	13,890,249	499	0.0000	1.0000	98.13
11.5	13,878,787	38,576	0.0028	0.9972	98.13
12.5	13,898,126	17,931	0.0013	0.9987	97.85
13.5	13,503,255	15,456	0.0011	0.9989	97.73
14.5	12,951,799	34,317	0.0026	0.9974	97.62
15.5	11,640,406	122,882	0.0106	0.9894	97.36
16.5	11,300,526	106,003	0.0094	0.9906	96.33
17.5	10,997,103	158,846	0.0144	0.9856	95.43
18.5	10,017,706	86,534	0.0086	0.9914	94.05
19.5	9,945,761	79,774 138,900 55,011 166,432 92,633 60,458 49,949 41,668 120,556 52,931	0.0080	0.9920	93.23
20.5	9,575,428		0.0145	0.9855	92.49
21.5	9,420,728		0.0058	0.9942	91.14
22.5	9,015,645		0.0185	0.9815	90.61
23.5	8,240,605		0.0112	0.9888	88.94
24.5	8,084,122		0.0075	0.9925	87.94
25.5	7,912,584		0.0063	0.9937	87.28
26.5	7,913,014		0.0053	0.9947	86.73
27.5	7,653,876		0.0158	0.9842	86.27
28.5	6,650,668		0.0080	0.9920	84.92
29.5	6,391,518	31,957	0.0050	0.9950	84.24
30.5	6,130,457	88,939	0.0145	0.9855	83.82
31.5	5,938,908	25,113	0.0042	0.9958	82.60
32.5	5,145,927	77,638	0.0151	0.9849	82.25
33.5	4,534,176	6,790	0.0015	0.9985	81.01
34.5	3,940,991	85,857	0.0218	0.9782	80.89
35.5	3,639,661	19,315	0.0053	0.9947	79.13
36.5	3,431,795	38,241	0.0111	0.9889	78.71
37.5	2,901,539	6,228	0.0021	0.9979	77.83
38.5	2,410,436	45,802	0.0190	0.9810	77.66



ACCOUNT 353 LINES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2019 EXPERIENCE BAND 1930-2019 RETIREMENTS PCT SURV AGE AT EXPOSURES AT DURING AGE BEGIN OF BEGINNING OF RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO INTERVAL RATIO 39.5 1,770,744 92,578 0.0523 0.9477 76.19 40.5 1,580,128 80,680 0.0511 0.9489 72.21 1,171,320 41.5 16,131 0.0138 0.9862 68.52 42.5 1,125,033 48,762 0.0433 0.9567 67.58 43.5 1,063,248 12,801 0.0120 0.9880 64.65 62,648 44.5 1,014,577 0.0617 0.9383 63.87 45.5 928,727 4,219 0.0045 0.9955 59.92 8,015 0.0087 46.5 924,225 0.9913 59.65 3,838 0.0043 0.9957 895,391 47.5 59.13 48.5 866,432 6,018 0.0069 0.9931 58.88 49.5 620,276 49,136 0.0792 0.9208 58.47 50.5 571,140 15,411 0.0270 0.9730 53.84 421,723 0.0121 52.39 51.5 5,108 0.9879 52.5 285,307 10,474 0.0367 0.9633 51.75 53.5 261,379 32,733 0.1252 0.8748 49.85 215,970 54.5 2,336 0.0108 0.9892 43.61 55.5 209,947 1,988 0.0095 0.9905 43.14 56.5 202,779 2,927 0.0144 0.9856 42.73 57.5 3,332 0.0185 180,344 0.9815 42.11 58.5 1,466 0.0103 41.34 141,668 0.9897 59.5 131,666 3,204 0.0243 0.9757 40.91 60.5 106,728 6,188 0.0580 0.9420 39.91 61.5 100,189 2,715 0.0271 0.9729 37.60 62.5 57,651 3,541 0.0614 0.9386 36.58 52,196 63.5 34.33 4,790 0.0918 0.9082 64.5 40,143 0.0000 1.0000 31.18 55 0.0015 0.9985 65.5 36,369 31.18 66.5 0.0000 1.0000 35,926 31.13 67.5 31.13



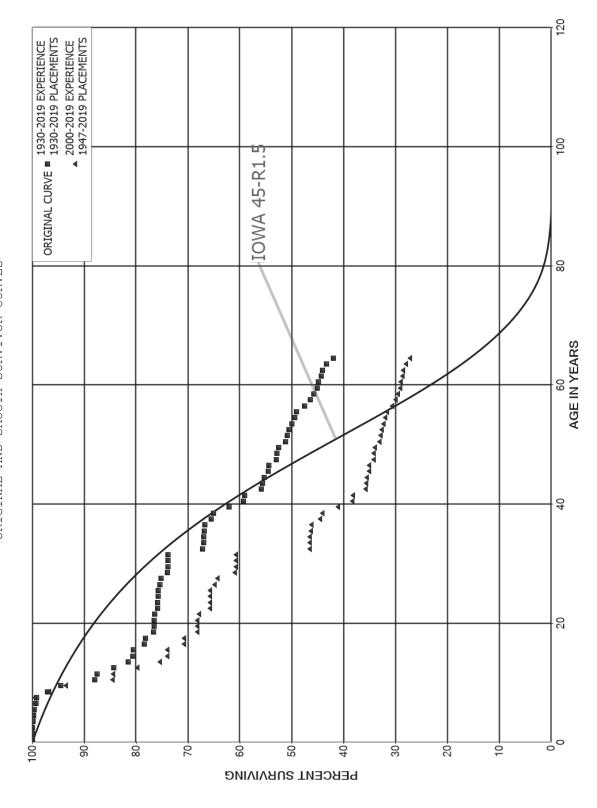
ACCOUNT 353 LINES

PLACEMENT H	BAND 1931-2019		EXPE	RIENCE BAN	D 1965-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	27,238,748 26,613,537 25,750,702 25,766,908 24,502,002 22,968,578 20,032,951 17,456,777 16,238,651 15,582,731	121 19,715 161,761 20,414 21,760 46,658 4,817 13,034	0.0000 0.0000 0.0000 0.0008 0.0066 0.0009 0.0011 0.0027 0.0003 0.0008	1.0000 1.0000 1.0000 0.9992 0.9934 0.9991 0.9989 0.9973 0.9997	100.00 100.00 100.00 100.00 99.92 99.26 99.18 99.07 98.80 98.77
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	14,969,634 13,488,999 13,482,214 13,622,396 13,243,452 12,712,248 11,620,930 11,293,600 10,990,922 10,011,903	71,749 189 36,903 5,694 12,200 34,183 120,123 105,434 158,468 85,600	0.0048 0.0000 0.0027 0.0004 0.0009 0.0027 0.0103 0.0093 0.0144 0.0085	0.9952 1.0000 0.9973 0.9996 0.9991 0.9973 0.9897 0.9856 0.9915	98.69 98.22 98.22 97.95 97.91 97.82 97.55 96.54 95.64 94.26
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	9,940,892 9,570,591 9,415,891 9,010,927 8,235,887 8,082,199 7,910,661 7,911,969 7,652,831 6,649,623	79,742 138,900 54,924 166,432 92,108 60,458 49,071 41,668 120,556 52,931	0.0080 0.0145 0.0058 0.0185 0.0112 0.0075 0.0062 0.0053 0.0158 0.0080	0.9920 0.9855 0.9942 0.9815 0.9888 0.9925 0.9938 0.9947 0.9842 0.9920	93.46 92.71 91.36 90.83 89.15 88.16 87.50 86.95 86.50 85.13
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	6,390,473 6,129,412 5,937,863 5,144,882 4,534,008 3,940,991 3,639,661 3,431,795 2,901,539 2,410,436	31,957 88,939 25,113 77,543 6,622 85,857 19,315 38,241 6,228 45,802	0.0050 0.0145 0.0042 0.0151 0.0015 0.0218 0.0053 0.0111 0.0021 0.0190	0.9950 0.9855 0.9958 0.9849 0.9985 0.9782 0.9947 0.9889 0.9979 0.9810	84.46 84.03 82.81 82.46 81.22 81.10 79.34 78.91 78.03 77.87

ACCOUNT 353 LINES

PLACEMENT E	BAND 1931-2019		EXPE	RIENCE BAN	D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,770,744 1,580,128 1,171,320 1,125,033 1,063,248 1,014,577 928,727 924,225 895,391 866,432 620,276	92,578 80,680 16,131 48,762 12,801 62,648 4,219 8,015 3,838 6,018	0.0523 0.0511 0.0138 0.0433 0.0120 0.0617 0.0045 0.0087 0.0043 0.0069	0.9477 0.9489 0.9862 0.9567 0.9880 0.9383 0.9955 0.9913 0.9957 0.9931	76.39 72.39 68.70 67.75 64.82 64.03 60.08 59.81 59.29 59.03
50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	571,140 421,723 285,307 261,379 215,970 209,947 202,779 180,344 141,668	15,411 5,108 10,474 32,733 2,336 1,988 2,927 3,332 1,466	0.0792 0.0270 0.0121 0.0367 0.1252 0.0108 0.0095 0.0144 0.0185 0.0103	0.9208 0.9730 0.9879 0.9633 0.8748 0.9892 0.9905 0.9856 0.9815 0.9897	53.98 52.52 51.89 49.98 43.72 43.25 42.84 42.22 41.44
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5	131,666 106,728 100,189 57,651 52,196 40,143 36,369 35,926	3,204 6,188 2,715 3,541 4,790	0.0243 0.0580 0.0271 0.0614 0.0918 0.0000 0.0015 0.0000	0.9757 0.9420 0.9729 0.9386 0.9082 1.0000 0.9985 1.0000	41.01 40.02 37.70 36.67 34.42 31.26 31.26 31.22 31.22

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 354 COMPRESSOR STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

PLACEMENT F	BAND 1930-2019		EXPEF	RIENCE BAN	D 1930-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	70,376,852 65,467,246 63,660,505 60,402,458 51,263,996 50,291,264 22,682,647 21,421,015 20,824,686 19,463,044	756 1,578 44,564 59,499 60,425 25,251 90,199 18,547 435,231 526,215	0.0000 0.0000 0.0007 0.0010 0.0012 0.0005 0.0040 0.0009 0.0209 0.0270	1.0000 1.0000 0.9993 0.9990 0.9988 0.9995 0.9960 0.9991 0.9791	100.00 100.00 100.00 99.93 99.83 99.71 99.66 99.26 99.18 97.11
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	17,214,917 13,798,785 13,623,615 12,037,054 11,570,787 11,257,615 11,179,569 10,813,672 10,191,509 8,506,849	1,198,944 65,755 493,529 407,135 126,742 5,894 288,884 32,814 200,448 14,225	0.0696 0.0048 0.0362 0.0338 0.0110 0.0005 0.0258 0.0030 0.0197 0.0017	0.9304 0.9952 0.9638 0.9662 0.9890 0.9995 0.9742 0.9970 0.9803 0.9983	94.48 87.90 87.48 84.31 81.46 80.57 80.53 78.44 78.21 76.67
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	5,807,952 5,811,101 5,744,554 5,659,525 5,377,632 5,401,366 5,144,495 5,004,943 4,786,703 4,625,172	808 9,239 43,685 1,250 3,625 25,701 16,366 76,394 2,977	0.0001 0.0016 0.0076 0.0002 0.0007 0.0000 0.0050 0.0033 0.0160 0.0006	0.9999 0.9984 0.9924 0.9998 0.9993 1.0000 0.9950 0.9967 0.9840 0.9994	76.54 76.53 76.41 75.83 75.81 75.76 75.76 75.38 75.13 73.94
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	4,614,803 4,606,800 4,566,485 4,155,779 4,141,914 4,136,084 4,124,685 4,095,938 4,018,266 3,987,847	2,383 943 409,359 13,865 573 6,323 8,685 76,825 23,842 183,418	0.0005 0.0002 0.0896 0.0033 0.0001 0.0015 0.0021 0.0188 0.0059 0.0460	0.9995 0.9998 0.9104 0.9967 0.9999 0.9985 0.9979 0.9812 0.9941 0.9540	73.89 73.85 73.83 67.22 66.99 66.98 66.88 66.74 65.49 65.10



ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

PLACEMENT H	BAND 1930-2019		EXPE	RIENCE BAN	ID 1930-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	3,802,725 3,624,008 3,605,306 3,408,953 3,303,384 3,288,285 3,072,996 3,022,436 2,937,270 2,926,216	172,395 13,981 196,353 15,791 15,100 49,307 3,077 83,860 5,618 18,667	0.0453 0.0039 0.0545 0.0046 0.0046 0.0150 0.0010 0.0277 0.0019 0.0064	0.9547 0.9961 0.9455 0.9954 0.9954 0.9850 0.9990 0.9723 0.9981 0.9936	62.10 59.29 59.06 55.84 55.58 55.33 54.50 54.45 52.94 52.83
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,536,186 2,406,622 2,371,401 2,313,776 2,289,016 2,187,566 1,732,621 1,673,352 1,116,610 1,083,764	65,759 12,207 17,385 24,760 25,850 16,590 55,154 37,354 15,818 16,680	0.0259 0.0051 0.0073 0.0107 0.0113 0.0076 0.0318 0.0223 0.0142 0.0154	0.9741 0.9949 0.9927 0.9893 0.9887 0.9924 0.9682 0.9777 0.9858 0.9846	52.50 51.14 50.88 50.50 49.96 49.40 49.02 47.46 46.40 45.75
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	1,066,385 383,574 378,483 359,480 274,736 266,768 266,545 265,970 61,230 56,446	5,043 5,091 1,535 6,554 7,968	0.0047 0.0133 0.0041 0.0182 0.0290 0.0000 0.0021 0.0000 0.0000	0.9953 0.9867 0.9959 0.9818 0.9710 1.0000 0.9979 1.0000 1.0000	45.04 44.83 44.24 44.06 43.25 42.00 42.00 41.91 41.91
69.5 70.5 71.5 72.5	56,446 1,256 1,057		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	41.91 41.91 41.91 41.91

ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

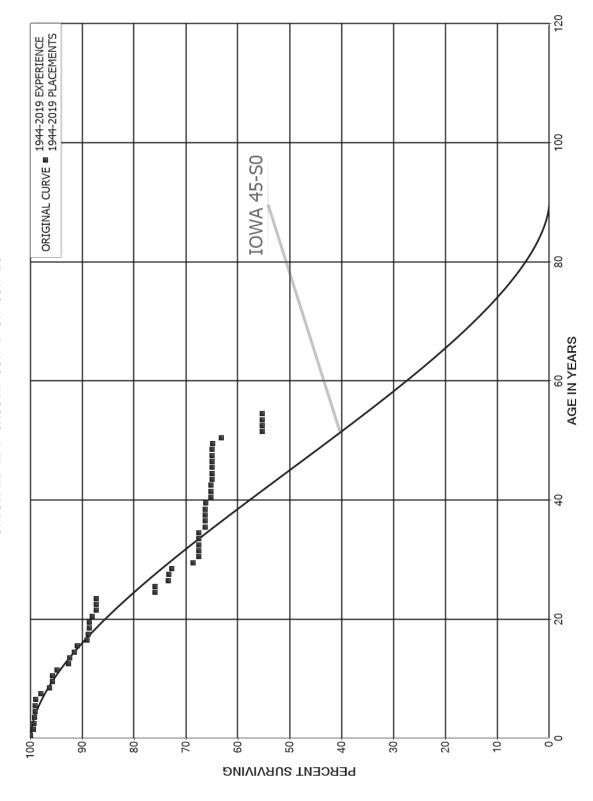
PLACEMENT H	BAND 1947-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	63,204,362 59,470,633 57,136,767 53,783,152 45,013,308 44,104,227 16,997,082 15,958,360 15,795,623 14,528,934	38,163 34,979 46,199 7,220 66,466 2,260 431,675 485,473	0.0000 0.0000 0.0007 0.0007 0.0010 0.0002 0.0039 0.0001 0.0273 0.0334	1.0000 1.0000 0.9993 0.9999 0.9990 0.9998 0.9961 0.9999 0.9727 0.9666	100.00 100.00 100.00 99.93 99.87 99.77 99.75 99.36 99.35 96.63
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	12,328,941 8,929,505 8,847,126 7,270,240 6,804,371 6,462,489 6,460,024 6,152,128 5,603,668 3,878,550	1,187,868 10,591 492,332 397,868 126,340 282,665	0.0963 0.0012 0.0556 0.0547 0.0186 0.0000 0.0438 0.0000 0.0357 0.0000	0.9037 0.9988 0.9444 0.9453 0.9814 1.0000 0.9562 1.0000 0.9643 1.0000	93.40 84.40 84.30 79.61 75.25 73.86 73.86 70.63 70.63 68.10
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	1,608,786 1,599,240 1,198,775 1,342,002 1,152,839 1,166,399 1,783,973 1,661,722 1,431,423 1,300,189	8,761 36,819 25,701 12,366 76,394 2,977	0.0000 0.0055 0.0307 0.0000 0.0000 0.0000 0.0144 0.0074 0.0534 0.0023	1.0000 0.9945 0.9693 1.0000 1.0000 0.9856 0.9926 0.9466 0.9977	68.10 68.10 67.73 65.65 65.65 65.65 64.71 64.22 60.80
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,668,711 1,741,559 1,731,837 1,413,957 1,439,714 1,511,013 2,009,142 2,023,918 2,708,364 2,695,965	2,106 404,455 573 6,323 7,885 72,825 23,842 183,418	0.0013 0.0000 0.2335 0.0000 0.0004 0.0042 0.0039 0.0360 0.0088 0.0680	0.9987 1.0000 0.7665 1.0000 0.9996 0.9958 0.9961 0.9640 0.9912 0.9320	60.66 60.58 60.58 46.43 46.41 46.22 46.04 44.38 43.99



ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

PLACEMENT E	BAND 1947-2019		EXPE	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,511,543 3,165,118 3,146,416 2,971,862 2,948,111 2,937,042 2,740,394 2,698,666 2,851,506 2,846,089	172,142 13,981 195,349 15,291 11,069 30,889 68,347 5,418 18,185	0.0685 0.0044 0.0621 0.0051 0.0038 0.0105 0.0000 0.0253 0.0019 0.0064	0.9315 0.9956 0.9379 0.9949 0.9962 0.9895 1.0000 0.9747 0.9981 0.9936	41.00 38.19 38.02 35.66 35.48 35.34 34.97 34.97 34.08 34.02
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	2,456,541 2,401,717 2,369,752 2,313,776 2,289,016 2,187,566 1,732,621 1,673,352 1,116,610 1,083,764	65,759 11,814 17,385 24,760 25,850 16,590 55,154 37,354 15,818 16,680	0.0268 0.0049 0.0073 0.0107 0.0113 0.0076 0.0318 0.0223 0.0142 0.0154	0.9732 0.9951 0.9927 0.9893 0.9887 0.9924 0.9682 0.9777 0.9858 0.9846	33.80 32.90 32.74 32.50 32.15 31.79 31.54 30.54 29.86 29.44
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	1,066,385 383,574 378,483 359,480 274,736 266,768 266,545 265,970 61,230 56,446	5,043 5,091 1,535 6,554 7,968	0.0047 0.0133 0.0041 0.0182 0.0290 0.0000 0.0021 0.0000 0.0000	0.9953 0.9867 0.9959 0.9818 0.9710 1.0000 0.9979 1.0000 1.0000	28.98 28.85 28.46 28.35 27.83 27.02 27.02 26.97 26.97
69.5 70.5 71.5 72.5	56,446 1,256 1,057		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	26.97 26.97 26.97 26.97

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT

PLACEMENT E	BAND 1944-2019		EXPER	RIENCE BAN	D 1944-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	2,911,927 2,646,803 2,630,301 2,146,196 2,123,531 883,257 720,772 681,040 604,160 582,616	16,502 1,145 3,878 2,217 89 1,072 6,811 9,678 3,866	0.0000 0.0062 0.0004 0.0018 0.0010 0.0001 0.0015 0.0100 0.0160 0.0066	1.0000 0.9938 0.9996 0.9982 0.9990 0.9999 0.9985 0.9900 0.9840 0.9934	100.00 100.00 99.38 99.33 99.15 99.05 99.04 98.89 97.90 96.34
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	464,081 452,701 448,507 438,239 425,569 421,453 419,152 396,974 358,944 316,321	4,194 10,268 1,331 4,116 2,301 8,886 1,140 464 317	0.0000 0.0093 0.0229 0.0030 0.0097 0.0055 0.0212 0.0029 0.0013 0.0010	1.0000 0.9907 0.9771 0.9970 0.9903 0.9945 0.9788 0.9971 0.9987 0.9990	95.70 95.70 94.81 92.64 92.36 91.46 90.97 89.04 88.78 88.67
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	315,098 314,356 311,288 301,560 311,288 268,839 238,109 262,954 262,739 260,672	1,648 3,068 40,157 8,177 215 2,067 14,915	0.0052 0.0098 0.0000 0.0000 0.1290 0.0000 0.0343 0.0008 0.0079 0.0572	0.9948 0.9902 1.0000 1.0000 0.8710 1.0000 0.9657 0.9992 0.9921 0.9428	88.58 88.11 87.25 87.25 87.25 76.00 76.00 73.39 73.33 72.75
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	213,644 157,543 157,543 145,972 140,882 140,882 138,373 133,905 133,905	3,276 2,509	0.0153 0.0000 0.0000 0.0000 0.0000 0.0178 0.0000 0.0000 0.0000	0.9847 1.0000 1.0000 1.0000 0.9822 1.0000 1.0000 1.0000	68.59 67.54 67.54 67.54 67.54 66.33 66.33 66.33



ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT H	BAND 1944-2019		EXPE	RIENCE BAN	D 1944-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	130,664 128,718 128,718 128,718 128,212 128,212 128,212 128,212 128,033 127,127	1,946 505	0.0149 0.0000 0.0000 0.0039 0.0000 0.0000 0.0000 0.0000 0.0000	0.9851 1.0000 1.0000 0.9961 1.0000 1.0000 1.0000 1.0000 0.9997	66.14 65.15 65.15 65.15 64.90 64.90 64.90 64.90 64.90
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	107,776 104,994 85,405 85,405 77,422 44,140 43,141 43,141 41,668 41,668	2,783 13,111 629	0.0258 0.1249 0.0000 0.0000 0.0000 0.0143 0.0000 0.0000 0.0000	0.9742 0.8751 1.0000 1.0000 0.9857 1.0000 1.0000 1.0000 0.9979	64.88 63.20 55.31 55.31 55.31 55.31 54.52 54.52 54.52 54.52
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5	41,580 6,879 6,451 2,728 2,728 2,726 1,152 1,152	1	0.0000 0.0000 0.0000 0.0005 0.0005 0.0000 0.0000	1.0000 1.0000 1.0000 0.9995 1.0000 1.0000 1.0000	54.41 54.41 54.41 54.41 54.41 54.38 54.38 54.38

68.5

54.38

120 2000-2019 EXPERIENCE 1953-2019 PLACEMENTS ORIGINAL CURVE = 1930-2019 EXPERIENCE 1930-2019 PLACEMENTS 100 **IOWA 49-R2** 8 AGE IN YEARS 9 20 9 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИ

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 356 PURIFICATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES

ACCOUNT 356 PURIFICATION EQUIPMENT

PLACEMENT E	BAND 1930-2019		EXPER	RIENCE BAN	D 1930-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	30,244,578 29,430,905 25,377,384 24,238,045 20,281,121 16,830,897 15,355,796 14,170,787 12,777,908 12,351,711	770 5,583 18,223 33,983 25,871 35,976 14,882 35,406 2,908 246,078	0.0000 0.0002 0.0007 0.0014 0.0013 0.0021 0.0010 0.0025 0.0002 0.0199	1.0000 0.9998 0.9993 0.9986 0.9987 0.9979 0.9990 0.9975 0.9998	100.00 100.00 99.98 99.91 99.77 99.64 99.43 99.33 99.08 99.06
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	10,625,383 10,336,846 10,320,621 10,274,862 10,126,098 10,001,911 9,570,501 8,920,895 8,233,067 6,769,132	33,162 16,225 40,225 118,965 31,039 154,897 210,240 3,900 8,492 19,391	0.0031 0.0016 0.0039 0.0116 0.0031 0.0155 0.0220 0.0004 0.0010 0.0029	0.9969 0.9984 0.9961 0.9884 0.9969 0.9845 0.9780 0.9996 0.9990	97.09 96.78 96.63 96.25 95.14 94.85 93.38 91.33 91.29 91.19
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	5,666,209 5,150,140 4,934,402 2,663,295 1,976,970 1,884,723 1,818,127 1,702,016 1,661,429 1,556,301	3,128 16,641 20,358 16,548 966 12,194 83,010 5,681	0.0113 0.0000 0.0006 0.0062 0.0103 0.0088 0.0005 0.0072 0.0500 0.0037	0.9887 1.0000 0.9994 0.9938 0.9897 0.9912 0.9995 0.9928 0.9500 0.9963	90.93 89.90 89.90 89.85 89.29 88.37 87.59 87.54 86.92 82.57
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,542,074 1,477,861 1,453,235 1,424,824 1,368,925 1,340,565 1,293,734 1,205,077 1,202,902 1,178,523	24,626 11,545 1,782 24,606 1,253 88,657 2,174 24,379 15,525	0.0000 0.0167 0.0079 0.0013 0.0180 0.0009 0.0685 0.0018 0.0203 0.0132	1.0000 0.9833 0.9921 0.9987 0.9820 0.9991 0.9315 0.9982 0.9797 0.9868	82.27 82.27 80.90 80.26 80.16 78.72 78.64 73.25 73.12 71.64



ACCOUNT 356 PURIFICATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1930-2019 EXPERIENCE BAND 1930-20					D 1930-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5	1,162,998 1,156,398 1,141,825	6,601 14,572	0.0057 0.0126 0.0000	0.9943 0.9874 1.0000	70.70 70.30 69.41
42.5 43.5 44.5	1,135,778 1,064,686 1,025,555	70,323 39,131 14,747	0.0619 0.0368 0.0144	0.9381 0.9632 0.9856	69.41 65.11 62.72
45.5 46.5 47.5	930,100 912,345 870,476	17,755 41,273 15,164	0.0191 0.0452 0.0174	0.9809 0.9548 0.9826	61.82 60.64 57.89
48.5 49.5	854,188 768,758	84,458 48,160	0.0989	0.9011	56.89
50.5 51.5 52.5 53.5	680,539 633,191 349,335 333,216	23,992 8,539 14,217 1,252	0.0353 0.0135 0.0407 0.0038	0.9647 0.9865 0.9593 0.9962	48.05 46.36 45.73 43.87
54.5 55.5 56.5	328,701 80,031 69,514	34,074 395 322	0.1038 0.1037 0.0049 0.0046	0.9962 0.8963 0.9951 0.9954	43.70 43.70 39.17 38.98
57.5 58.5	69,192 14,151	3,678	0.0532	0.9468	38.80 36.74
59.5	14,151		0.0000	1.0000	36.74

60.5

36.74

ACCOUNT 356 PURIFICATION EQUIPMENT

PLACEMENT H	BAND 1953-2019		EXPE	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	23,804,332 23,542,387 19,522,576 21,083,688 18,063,598 14,693,831 13,354,776 12,230,689 10,951,657 10,559,791	18,223 16,877 23,661 14,079 35,406	0.0000 0.0000 0.0009 0.0008 0.0013 0.0010 0.0000 0.0029 0.0000 0.0213	1.0000 1.0000 0.9991 0.9992 0.9987 0.9990 1.0000 0.9971 1.0000 0.9787	100.00 100.00 100.00 99.91 99.83 99.70 99.60 99.60 99.31
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	8,862,915 8,640,179 8,632,915 8,607,937 8,541,808 8,444,322 8,080,926 7,420,515 6,731,090 5,275,646	31,574 7,264 36,311 114,355 17,456 145,544 209,558 3,900	0.0036 0.0008 0.0042 0.0133 0.0020 0.0172 0.0259 0.0005 0.0000	0.9964 0.9992 0.9958 0.9867 0.9980 0.9828 0.9741 0.9995 1.0000	97.19 96.85 96.77 96.36 95.08 94.89 93.25 90.83 90.78
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	4,240,837 3,688,377 3,688,377 1,424,518 539,263 486,273 528,535 496,096 385,765 356,486	53,414 3,062 16,348 8,646	0.0126 0.0000 0.0008 0.0000 0.0000 0.0336 0.0000 0.0000 0.0224 0.0000	0.9874 1.0000 0.9992 1.0000 1.0000 0.9664 1.0000 1.0000 0.9776	90.78 89.64 89.64 89.57 89.57 89.57 86.56 86.56 86.56
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	353,519 332,568 510,195 764,438 712,223 702,832 926,286 957,416 955,242 1,112,651	24,626 4,208 9,849 1,253 9,777 2,174 23,490 13,145	0.0000 0.0740 0.0082 0.0000 0.0138 0.0018 0.0106 0.0023 0.0246 0.0118	1.0000 0.9260 0.9918 1.0000 0.9862 0.9982 0.9894 0.9977 0.9754 0.9882	84.62 84.62 78.35 77.70 77.70 76.63 76.49 75.68 75.51 73.66



ACCOUNT 356 PURIFICATION EQUIPMENT

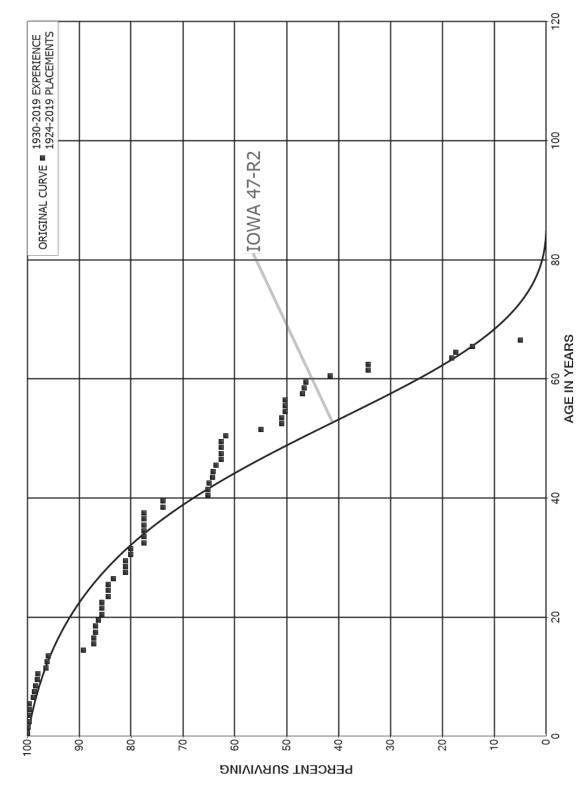
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1953-2019				RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5	1,099,506 1,155,639 1,141,066 1,135,019 1,063,927 1,024,796	6,601 14,572 70,323 39,131 14,747	0.0060 0.0126 0.0000 0.0620 0.0368 0.0144	0.9940 0.9874 1.0000 0.9380 0.9632 0.9856	72.79 72.35 71.44 71.44 67.01 64.55
45.5 46.5 47.5 48.5	929,341 911,586 869,717 853,429	17,755 41,273 15,164 84,458	0.0174 0.0990	0.9809 0.9547 0.9826 0.9010	63.62 62.40 59.58 58.54
49.5 50.5 51.5 52.5 53.5 54.5 55.5	767,999 679,780 633,191 349,335 333,216 328,701 80,031	48,160 23,233 8,539 14,217 1,252 34,074 395	0.0627 0.0342 0.0135 0.0407 0.0038 0.1037 0.0049	0.9373 0.9658 0.9865 0.9593 0.9962 0.8963 0.9951	52.74 49.44 47.75 47.10 45.19 45.02 40.35
56.5 57.5 58.5	69,514 69,192 14,151 14,151	322 3,678	0.0046 0.0532 0.0000 0.0000	0.9954 0.9468 1.0000	40.15 39.97 37.84

60.5

37.84

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 357 OTHER EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 357 OTHER EQUIPMENT

PLACEMENT E	BAND 1924-2019		EXPER	RIENCE BAN	D 1930-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	4,767,146 4,467,076 3,944,035 4,012,708 3,294,845 3,299,893 3,001,231 2,088,653 1,704,006 1,640,346	18 7,079 8,585 160 1,045 23,092 3,392 4,037 5,494	0.0000 0.0016 0.0022 0.0000 0.0003 0.0000 0.0077 0.0016 0.0024 0.0033	1.0000 0.9984 0.9978 1.0000 0.9997 1.0000 0.9923 0.9984 0.9976 0.9967	100.00 100.00 99.84 99.62 99.62 99.59 99.59 98.82 98.66 98.43
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	1,363,395 1,223,216 1,169,410 1,149,590 1,025,450 919,064 856,868 859,006 524,046 301,105	1,783 19,204 3,452 2,414 72,583 19,847 363 3,594	0.0013 0.0157 0.0030 0.0021 0.0708 0.0216 0.0004 0.0042 0.0000 0.0058	0.9987 0.9843 0.9970 0.9979 0.9292 0.9784 0.9996 0.9958 1.0000 0.9942	98.10 97.97 96.43 96.15 95.95 89.15 87.23 87.19 86.83 86.83
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	299,369 296,880 295,994 281,910 281,865 235,123 230,298 228,490 170,226 136,548	2,489 4,007 2,869 6,324	0.0083 0.0000 0.0000 0.0142 0.0000 0.0000 0.0125 0.0277 0.0000 0.0000	0.9917 1.0000 1.0000 0.9858 1.0000 1.0000 0.9875 0.9723 1.0000	86.33 85.61 85.61 85.61 84.39 84.39 84.39 83.34 81.03
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	127,597 110,947 110,947 89,043 88,177 88,177 88,177 81,695 79,962 63,307	1,535 3,604 3,736	0.0120 0.0000 0.0325 0.0000 0.0000 0.0000 0.0000 0.0467 0.0000	0.9880 1.0000 0.9675 1.0000 1.0000 1.0000 1.0000 0.9533 1.0000	81.03 80.06 80.06 77.46 77.46 77.46 77.46 77.46 77.46 73.84



ACCOUNT 357 OTHER EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	EXPEF	RIENCE BAN	D 1930-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	63,307 55,838 55,838 55,724 55,127 54,993 54,504 53,677 53,677	7,469 114 596 134 489 827	0.1180 0.0000 0.0020 0.0107 0.0024 0.0089 0.0152 0.0000 0.0000	0.8820 1.0000 0.9980 0.9893 0.9976 0.9911 0.9848 1.0000 1.0000	73.84 65.13 65.13 64.99 64.30 64.14 63.57 62.61 62.61
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	53,402 49,939 40,154 33,433 33,433 31,909 31,786 24,654 24,033	763 5,426 2,957 463 2,101 186 140	0.0143 0.1087 0.0736 0.0000 0.0138 0.0000 0.0000 0.0661 0.0076 0.0058	0.9857 0.8913 0.9264 1.0000 0.9862 1.0000 1.0000 0.9339 0.9924 0.9942	62.61 61.71 55.01 50.96 50.96 50.25 50.25 46.93 46.58
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5	22,271 7,601 5,985 5,985 3,184 3,037 2,481 868 779	2,247 1,346 2,801 147 556 1,613 89 779	0.1009 0.1771 0.0000 0.4680 0.0462 0.1832 0.6502 0.1024 1.0000	0.8991 0.8229 1.0000 0.5320 0.9538 0.8168 0.3498 0.8976	46.30 41.63 34.26 34.26 18.23 17.38 14.20 4.97 4.46

68.5

ORIGINAL CURVE = 1941-1981 PLACEMENTS 100 IOWA 75-R4 8 ORIGINAL AND SMOOTH SURVIVOR CURVES LOUISVILLE GAS AND ELECTRIC COMPANY ACCOUNT 365.2 RIGHTS OF WAY AGE IN YEARS GAS PLANT 9 20 اه 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING



120

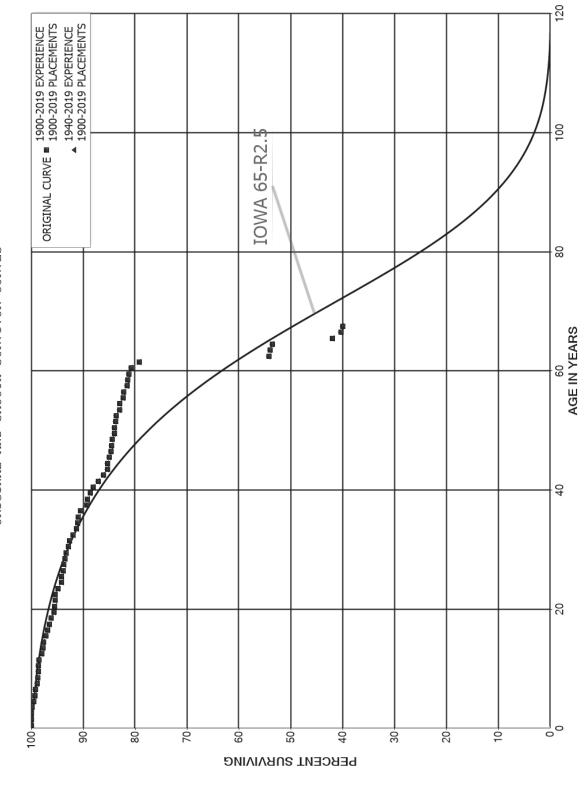
ACCOUNT 365.2 RIGHTS OF WAY

PLACEMENT H	BAND 1941-1981		EXPE	RIENCE BAN	D 1941-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,659 220,188		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

ACCOUNT 365.2 RIGHTS OF WAY

PLACEMENT H	BAND 1941-1981		EXPE	RIENCE BAN	D 1941-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	220,188 162,253 162,253 162,253 162,253 162,253 162,253 162,253 162,257 159,152		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	132,833 132,833 132,833 132,833 132,833 132,833 132,833 132,833 132,833 124,037		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	65,179 65,179 65,179 65,179 64,547 64,547 41,703 35,478		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	35,478 24,166 11,029 10,637 10,637 10,637 10,637 10,637		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 367 MAINS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 367 MAINS

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
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	59,008,818 56,434,071 54,899,066 54,005,205 51,739,622 51,471,451 36,313,374 24,738,998 19,717,692 18,575,428	10,547	0.0002	0.9998	100.00
0.5		36,654	0.0006	0.9994	99.98
1.5		2,695	0.0000	1.0000	99.92
2.5		31,930	0.0006	0.9994	99.91
3.5		162,953	0.0031	0.9969	99.85
4.5		156,377	0.0030	0.9970	99.54
5.5		7,670	0.0002	0.9998	99.24
6.5		88,987	0.0036	0.9964	99.22
7.5		30,925	0.0016	0.9984	98.86
8.5		6,377	0.0003	0.9997	98.70
9.5	15,546,794	11,124	0.0007	0.9993	98.67
10.5	15,007,296	9,943	0.0007	0.9993	98.60
11.5	14,996,436	90,167	0.0060	0.9940	98.53
12.5	14,889,540	26,484	0.0018	0.9982	97.94
13.5	14,849,469	19,121	0.0013	0.9987	97.77
14.5	14,639,981	67,225	0.0046	0.9954	97.64
15.5	14,546,924	50,981	0.0035	0.9965	97.19
16.5	13,452,368	52,968	0.0039	0.9961	96.85
17.5	13,392,095	39,019	0.0029	0.9971	96.47
18.5	14,089,433	81,067	0.0058	0.9942	96.19
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	13,957,193 13,870,285 13,480,089 11,569,008 12,333,734 12,434,346 12,432,097 12,388,287 12,371,499 11,071,360	26,533 2,154 4,723 66,902 90,388 2,249 45,342 16,787 24,488 26,730	0.0019 0.0002 0.0004 0.0058 0.0073 0.0002 0.0036 0.0014 0.0020 0.0024	0.9981 0.9998 0.9996 0.9942 0.9927 0.9998 0.9964 0.9986 0.9980	95.64 95.45 95.44 95.41 94.85 94.16 94.14 93.80 93.67 93.49
29.5	11,031,377	47,931	0.0043	0.9957	93.26
30.5	10,888,459	27,134	0.0025	0.9975	92.86
31.5	10,867,973	83,708	0.0077	0.9923	92.62
32.5	10,777,212	71,271	0.0066	0.9934	91.91
33.5	10,687,519	26,650	0.0025	0.9975	91.30
34.5	10,546,127	11,343	0.0011	0.9989	91.08
35.5	10,417,420	56,747	0.0054	0.9946	90.98
36.5	10,359,120	137,413	0.0133	0.9867	90.48
37.5	10,009,474	15,696	0.0016	0.9984	89.28
38.5	9,945,490	60,833	0.0061	0.9939	89.14

ACCOUNT 367 MAINS

PLACEMENT H	BAND 1900-2019		EXPE	RIENCE BAN	ID 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	9,862,148 9,685,165 9,527,076 9,308,227 9,222,163 9,217,337 9,186,008 8,332,546 7,218,356 7,082,382	62,001 103,086 110,948 85,579 2,272 31,328 41,208 10,297 10,867 35,076	0.0063 0.0106 0.0116 0.0092 0.0002 0.0034 0.0045 0.0012 0.0015 0.0050	0.9937 0.9894 0.9884 0.9908 0.9998 0.9966 0.9955 0.9988 0.9985	88.60 88.04 87.10 86.09 85.30 85.28 84.99 84.60 84.50 84.37
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,027,226 5,858,091 4,596,731 4,383,464 4,343,090 4,234,754 4,199,515 4,000,554 3,717,001 3,711,935	630 15,642 4,486 37,270 1,874 33,672 3,496 32,855 2,712 9,705	0.0001 0.0027 0.0010 0.0085 0.0004 0.0080 0.0008 0.0008 0.0007 0.0026	0.9999 0.9973 0.9990 0.9915 0.9996 0.9920 0.9992 0.9918 0.9993 0.9974	83.95 83.95 83.72 83.64 82.93 82.89 82.23 82.17 81.49 81.43
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	3,695,505 2,740,524 995,606 430,086 293,186 216,086 169,068 38,645 4,705	21,613 54,431 313,575 2,113 2,134 47,018 6,391 355	0.0058 0.0199 0.3150 0.0049 0.0073 0.2176 0.0378 0.0092 0.0000	0.9942 0.9801 0.6850 0.9951 0.9927 0.7824 0.9622 0.9908 1.0000	81.22 80.74 79.14 54.21 53.95 53.55 41.90 40.32 39.95
69.5 70.5 71.5 72.5	4,705 4,705 4,705	4,646	0.0000 0.0000 0.9874	1.0000 1.0000 0.0126	39.95 39.95 39.95 0.50



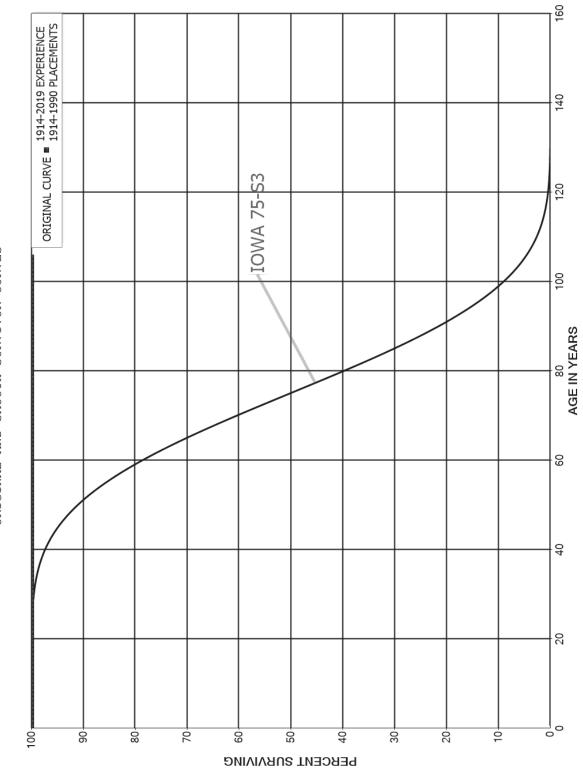
ACCOUNT 367 MAINS

PLACEMENT 1	BAND 1900-2019		EXPEF	RIENCE BAN	D 1940-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	58,480,172 55,905,736 54,376,102 53,483,886 51,218,303 50,950,132 35,802,419 24,228,578 19,211,439 18,069,175	10,547 36,654 2,695 31,930 162,953 156,298 7,670 88,987 30,925 6,377	0.0002 0.0007 0.0000 0.0006 0.0032 0.0031 0.0002 0.0037 0.0016 0.0004	0.9998 0.9993 1.0000 0.9994 0.9968 0.9969 0.9998 0.9984 0.9996	100.00 99.98 99.92 99.91 99.85 99.53 99.23 99.21 98.84 98.68
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	15,055,348 14,515,850 14,505,047 14,402,587 14,383,743 14,174,255 14,081,198 12,986,716 12,926,490 13,623,828	11,124 9,941 90,057 26,484 19,121 67,225 50,981 52,968 39,019 81,067	0.0007 0.0007 0.0062 0.0018 0.0013 0.0047 0.0036 0.0041 0.0030 0.0060	0.9993 0.9993 0.9938 0.9982 0.9987 0.9953 0.9964 0.9959 0.9970	98.65 98.58 98.51 97.90 97.72 97.59 97.12 96.77 96.38 96.09
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	13,491,681 13,404,777 13,014,886 11,104,143 11,869,734 11,970,488 12,301,115 12,257,305 12,240,517 10,940,378	26,533 2,154 4,723 66,902 90,246 2,249 45,342 16,787 24,488 26,730	0.0020 0.0002 0.0004 0.0060 0.0076 0.0002 0.0037 0.0014 0.0020 0.0024	0.9980 0.9998 0.9996 0.9940 0.9924 0.9998 0.9963 0.9986 0.9980	95.52 95.33 95.31 95.28 94.70 93.98 93.97 93.62 93.49 93.30
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	10,900,395 10,757,477 10,736,991 10,646,230 10,556,537 10,415,145 10,286,438 10,228,138 9,878,492 9,823,419	47,931 27,134 83,708 71,271 26,650 11,343 56,747 137,413 6,785 48,464	0.0044 0.0025 0.0078 0.0067 0.0025 0.0011 0.0055 0.0134 0.0007 0.0049	0.9956 0.9975 0.9922 0.9933 0.9975 0.9989 0.9945 0.9866 0.9993 0.9951	93.08 92.67 92.43 91.71 91.10 90.87 90.77 90.27 89.06 89.00

ACCOUNT 367 MAINS

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	ID 1940-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	9,862,148 9,685,165 9,527,076 9,308,227 9,222,163 9,217,337 9,186,008 8,332,546 7,218,356 7,082,382	62,001 103,086 110,948 85,579 2,272 31,328 41,208 10,297 10,867 35,076	0.0063 0.0106 0.0116 0.0092 0.0002 0.0034 0.0045 0.0012 0.0015 0.0050	0.9937 0.9894 0.9884 0.9908 0.9998 0.9966 0.9955 0.9988 0.9985	88.56 88.00 87.06 86.05 85.26 85.24 84.95 84.57 84.46
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	6,027,226 5,858,091 4,596,731 4,383,464 4,343,090 4,234,754 4,199,515 4,000,554 3,717,001 3,711,935	630 15,642 4,486 37,270 1,874 33,672 3,496 32,855 2,712 9,705	0.0001 0.0027 0.0010 0.0085 0.0004 0.0080 0.0008 0.0008 0.0007 0.0026	0.9999 0.9973 0.9990 0.9915 0.9996 0.9920 0.9992 0.9918 0.9993 0.9974	83.92 83.91 83.68 83.60 82.89 82.86 82.20 82.13 81.45 81.39
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	3,695,505 2,740,524 995,606 430,086 293,186 216,086 169,068 38,645 4,705	21,613 54,431 313,575 2,113 2,134 47,018 6,391 355	0.0058 0.0199 0.3150 0.0049 0.0073 0.2176 0.0378 0.0092 0.0000	0.9942 0.9801 0.6850 0.9951 0.9927 0.7824 0.9622 0.9908 1.0000	81.18 80.71 79.10 54.19 53.92 53.53 41.88 40.30 39.93
69.5 70.5 71.5 72.5	4,705 4,705 4,705	4,646	0.0000 0.0000 0.9874	1.0000 1.0000 0.0126	39.93 39.93 39.93 0.50

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 374.22 OTHER DISTRIBUTION LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 374.22 OTHER DISTRIBUTION LAND RIGHTS

PLACEMENT E	BAND 1914-1990		EXPE	RIENCE BAN	D 1914-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018 74,018		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	70,517 70,517 70,517 70,517 70,517 70,517 70,517 70,517 70,517		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

ACCOUNT 374.22 OTHER DISTRIBUTION LAND RIGHTS

PLACEMENT BAND 1914-1990			EXPE	D 1914-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	70,517 65,917 65,917 65,917 65,917 65,917 65,917 65,917 65,917		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	65,917 65,917 65,917 65,917 65,917 45,093 45,093 44,693		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	39,898 39,898 20,124 14,904 14,904 14,904 14,904 14,904 14,904		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	14,904 14,904 14,904 14,904 14,904 14,904 14,904 14,904		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00

ACCOUNT 374.22 OTHER DISTRIBUTION LAND RIGHTS

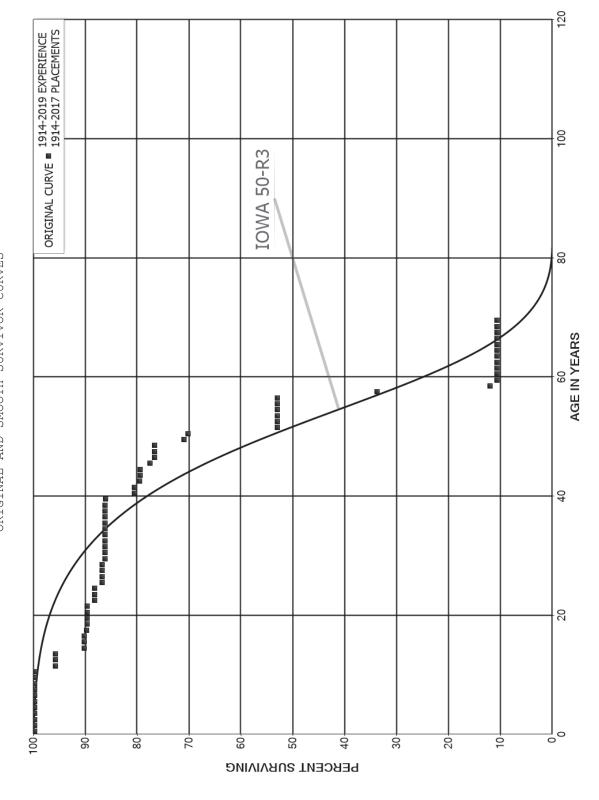
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1914-1990			EXPERIENCE BAND 1914-2019		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	14,904 14,904 14,904 14,904 14,904 14,904 14,904 14,904 14,904		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	14,904 14,904 14,904 14,904 14,904 14,904 14,904 14,904		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
99.5 100.5 101.5 102.5 103.5 104.5	14,904 14,904 14,904 14,904 14,904		0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00

105.5

100.00

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 375.1 STRUCTURES AND IMPROVEMENTS - CITY GATE STATION
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 375.1 STRUCTURES AND IMPROVEMENTS - CITY GATE STATION

PLACEMENT E	BAND 1914-2017		EXPER	RIENCE BAN	D 1914-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	583,099 581,791 583,664 563,144 591,503 591,503 408,347 407,822 407,822	1,308	0.0022 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9978 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 99.78 99.78 99.78 99.78 99.78 99.78 99.78 99.78
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	246,924 246,646 236,891 236,891 221,440 208,633 170,071 142,666 141,899 115,379	278 9,755 12,807 767 177	0.0011 0.0395 0.0000 0.0000 0.0578 0.0000 0.0054 0.0012 0.0000	0.9989 0.9605 1.0000 1.0000 0.9422 1.0000 1.0000 0.9946 0.9988 1.0000	99.78 99.66 95.72 95.72 95.72 90.19 90.19 90.19 89.70 89.59
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	115,379 113,465 108,739 106,406 106,406 106,406 85,386 96,165 96,165	1,749 1,762 525	0.0000 0.0000 0.0161 0.0000 0.0000 0.0166 0.0000 0.0000 0.0000	1.0000 1.0000 0.9839 1.0000 1.0000 0.9834 1.0000 1.0000 1.0000	89.59 89.59 89.59 88.15 88.15 88.69 86.69 86.69 86.69
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	95,641 95,641 95,641 95,641 90,700 89,767 89,767 89,767	201	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9978	86.22 86.22 86.22 86.22 86.22 86.22 86.22 86.22 86.22

ACCOUNT 375.1 STRUCTURES AND IMPROVEMENTS - CITY GATE STATION ORIGINAL LIFE TABLE, CONT.

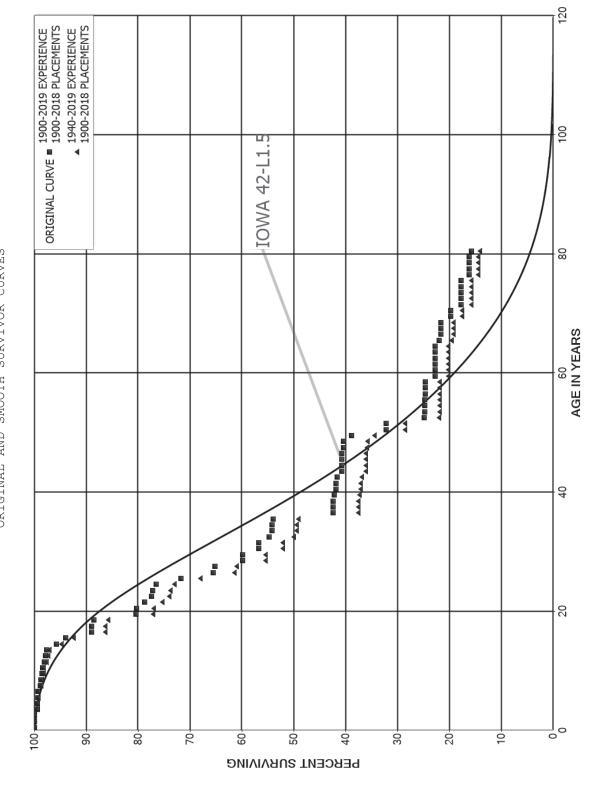
PLACEMENT BAND 1914-2017 EXPERIENCE BAND 1914-2019

AGE AT EXPOSURES AT RETIREMENTS PCT SURV

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	85,385 79,860 79,860 78,954 78,854 76,980 75,998 75,595 74,064	5,525 906 101 1,873 983 5,390	0.0647 0.0000 0.0113 0.0013 0.0000 0.0238 0.0128 0.0000 0.0000 0.0728	0.9353 1.0000 0.9887 0.9987 1.0000 0.9762 0.9872 1.0000 1.0000	86.02 80.46 80.46 79.54 79.44 77.56 76.57 76.57
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	67,748 42,001 31,682 31,682 31,682 26,293 26,293 26,293 16,094 5,674	751 10,319 9,523 10,420 597	0.0111 0.2457 0.0000 0.0000 0.0000 0.0000 0.0000 0.3622 0.6474 0.1053	0.9889 0.7543 1.0000 1.0000 1.0000 1.0000 0.6378 0.3526 0.8947	70.99 70.21 52.96 52.96 52.96 52.96 52.96 52.96 33.78 11.91
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	5,077 5,077 5,077 5,077 4,296 4,296 4,296 3,579 3,579		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	10.65 10.65 10.65 10.65 10.65 10.65 10.65 10.65 10.65

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

PLACEMENT E	BAND 1900-2018		EXPEF	RIENCE BAN	D 1900-2019
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 0.5 1.5	1,670,507 1,669,518 1,652,214	989	0.0006 0.0000 0.0000	0.9994 1.0000 1.0000	100.00 99.94 99.94
2.5 3.5 4.5 5.5	1,599,343 1,456,715 1,435,392 1,398,296	8,326 1,093 982	0.0052 0.0008 0.0007 0.0000	0.9948 0.9992 0.9993 1.0000	99.94 99.42 99.35 99.28
6.5 7.5 8.5	1,386,222 1,379,857 1,385,407	6,365 996 4,150	0.0046 0.0007 0.0030	0.9954 0.9993 0.9970	99.28 98.82 98.75
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	1,034,013 1,033,871 1,030,015 1,026,928 1,025,025 1,005,701 987,203 935,552 927,725	142 3,856 3,087 1,904 19,323 19,291 51,651	0.0001 0.0037 0.0030 0.0019 0.0189 0.0192 0.0523 0.0000 0.0058	0.9999 0.9963 0.9970 0.9981 0.9811 0.9808 0.9477 1.0000 0.9942	98.45 98.44 98.07 97.78 97.60 95.76 93.92 89.01 89.01
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	941,905 857,907 802,146 845,558 836,370 825,520 787,170 531,740 507,961 497,937 456,642	86,476 1,282 15,529 13,620 2,489 7,697 49,223 45,635 2,980 40,506	0.0918 0.0015 0.0194 0.0161 0.0030 0.0093 0.0625 0.0858 0.0059 0.0813 0.0000	0.9082 0.9985 0.9806 0.9839 0.9970 0.9907 0.9375 0.9142 0.9941 0.9187 1.0000	88.49 80.37 80.25 78.69 77.43 77.19 76.47 71.69 65.54 65.16 59.86
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	450,367 415,957 415,450 400,722 400,582 401,457 399,528 313,187 311,435 311,435	23,165 507 14,728 3,809 57 1,929 85,508 60 1,564	0.0514 0.0012 0.0355 0.0095 0.0001 0.0048 0.2140 0.0002 0.0000 0.0050	0.9486 0.9988 0.9645 0.9905 0.9999 0.9952 0.7860 0.9998 1.0000 0.9950	59.86 56.78 56.71 54.70 54.18 54.17 53.91 42.37 42.36 42.36

ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

PLACEMENT E	BAND 1900-2018		EXPER	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	314,051 311,883 311,563 308,930 301,502 292,978 292,978 292,978 291,185 290,912	2,168 320 1,315 7,114 1,793 273 11,329	0.0069 0.0010 0.0042 0.0230 0.0000 0.0000 0.0000 0.0061 0.0009 0.0389	0.9931 0.9990 0.9958 0.9770 1.0000 1.0000 0.9939 0.9991 0.9611	42.15 41.86 41.82 41.64 40.68 40.68 40.68 40.68 40.43
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	277,000 224,288 221,558 169,801 164,581 148,671 145,141 145,094 145,094	47,540 50,717 821 47	0.1716 0.0000 0.2289 0.0048 0.0000 0.0000 0.0003 0.0000 0.0000 0.0774	0.8284 1.0000 0.7711 0.9952 1.0000 1.0000 0.9997 1.0000 1.0000 0.9226	38.82 32.16 32.16 24.80 24.68 24.68 24.68 24.67 24.67
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	131,752 131,692 130,652 128,282 128,282 125,435 110,592 104,679 104,679 86,340	4,538 1,449 7,661	0.0000 0.0000 0.0000 0.0000 0.0000 0.0362 0.0131 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9638 0.9869 1.0000 1.0000	22.76 22.76 22.76 22.76 22.76 22.76 21.94 21.65 21.65
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	76,340 74,520 66,907 66,907 66,907 62,573 62,427 55,466 55,313 52,192	7,613 87 5,467	0.0000 0.1022 0.0000 0.0000 0.0013 0.0000 0.0876 0.0000 0.0000	1.0000 0.8978 1.0000 1.0000 0.9987 1.0000 0.9124 1.0000 1.0000	19.73 19.73 17.71 17.71 17.69 17.69 16.14 16.14



ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

PLACEMENT E	BAND 1900-2018		EXPEF	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	52,192 50,938 50,499 50,499 50,499 50,499 50,499 50,499 45,020	1,254 439 5,479	0.0240 0.0086 0.0000 0.0000 0.0000 0.0000 0.0000 0.1085 0.0000	0.9760 0.9914 1.0000 1.0000 1.0000 1.0000 1.0000 0.8915 1.0000	16.14 15.75 15.62 15.62 15.62 15.62 15.62 15.62 15.62 13.92
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	45,020 42,554 37,419 34,562 27,436 26,729 25,682 25,682 25,682 25,682	990 2,857 3,476 707	0.0220 0.0000 0.0764 0.1006 0.0258 0.0000 0.0000 0.0000 0.0000	0.9780 1.0000 0.9236 0.8994 0.9742 1.0000 1.0000 1.0000	13.92 13.62 13.62 12.58 11.31 11.02 11.02 11.02 11.02
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	24,396 24,396 24,396 24,396 24,045 23,640 5,710 5,710 4,918		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	11.02 11.02 11.02 11.02 11.02 11.02 11.02 11.02 11.02
109.5 110.5 111.5 112.5 113.5	4,918 4,918 4,918 3,041	1,877	0.0000 0.0000 0.3817 0.0000	1.0000 1.0000 0.6183 1.0000	11.02 11.02 11.02 6.81 6.81



ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

PLACEMENT	BAND 1900-2018		EXPEF	RIENCE BAN	D 1940-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	1,353,477 1,352,488 1,350,678 1,297,807 1,155,179 1,133,942 1,096,847 1,084,772 1,078,407 1,113,434	989 8,326 1,093 982 6,365 996 4,150	0.0007 0.0000 0.0000 0.0064 0.0009 0.0009 0.0000 0.0059 0.0009	0.9993 1.0000 1.0000 0.9936 0.9991 0.9991 1.0000 0.9941 0.9991 0.9963	100.00 99.93 99.93 99.29 99.19 99.11 99.11 98.52 98.43
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	762,041 763,375 764,654 761,567 810,430 791,349 773,898 854,228 846,401 861,458	142 3,856 3,087 1,904 19,323 19,291 51,651 5,396 86,476	0.0002 0.0051 0.0040 0.0025 0.0238 0.0244 0.0667 0.0000 0.0064 0.1004	0.9998 0.9949 0.9960 0.9975 0.9762 0.9756 0.9333 1.0000 0.9936 0.8996	98.07 98.05 97.55 97.16 96.92 94.61 92.30 86.14 86.14 85.59
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	778,746 724,478 767,890 758,702 748,203 710,258 472,758 448,979 438,955 398,452	1,282 15,529 13,620 2,489 7,697 49,223 45,635 2,980 40,506	0.0016 0.0214 0.0177 0.0033 0.0103 0.0693 0.0965 0.0066 0.0923 0.0000	0.9984 0.9786 0.9823 0.9967 0.9897 0.9307 0.9035 0.9934 0.9077 1.0000	77.00 76.87 75.22 73.89 73.65 72.89 67.84 61.29 60.88 55.26
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	392,177 357,767 357,260 349,736 361,732 364,056 362,127 275,786 279,260 279,260	23,165 507 14,728 3,809 57 1,929 85,508 60 1,564	0.0591 0.0014 0.0412 0.0109 0.0002 0.0053 0.2361 0.0002 0.0000 0.0056	0.9409 0.9986 0.9588 0.9891 0.9998 0.9947 0.7639 0.9998 1.0000 0.9944	55.26 52.00 51.93 49.79 49.24 49.24 48.98 37.41 37.40 37.40

ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2018

EXPERIENCE BAND 1940-2019

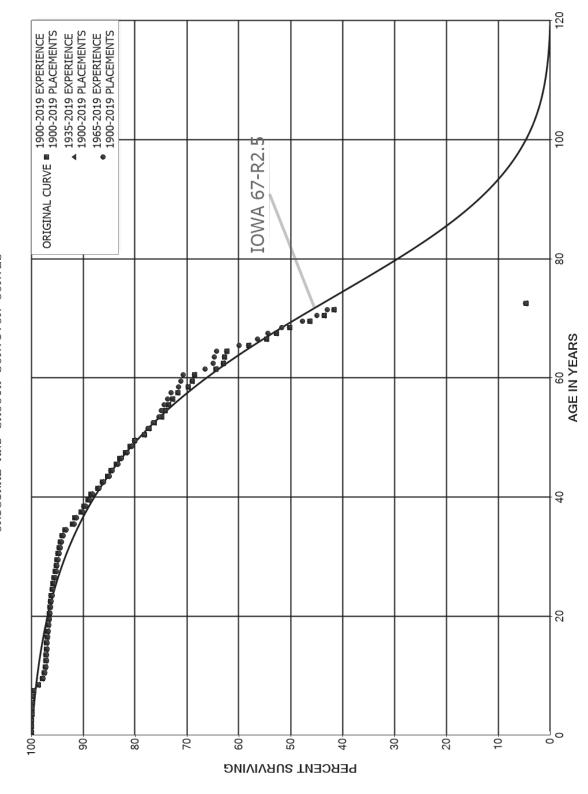
FLACEMENT	BAND 1900-2010		EVEFL	TENCE DAN	D 1940-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	314,051 311,883 311,563 308,930 301,502 292,978 292,978 292,978 291,185 290,912	2,168 320 1,315 7,114 1,793 273 11,329	0.0069 0.0010 0.0042 0.0230 0.0000 0.0000 0.0000 0.0061 0.0009 0.0389	0.9931 0.9990 0.9958 0.9770 1.0000 1.0000 1.0000 0.9939 0.9991 0.9611	37.19 36.94 36.90 36.74 35.90 35.90 35.90 35.68
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	277,000 224,288 221,558 169,801 164,581 148,671 145,141 145,094 145,094 143,772	47,540 50,717 821 47	0.1716 0.0000 0.2289 0.0048 0.0000 0.0000 0.0003 0.0000 0.0000 0.0774	0.8284 1.0000 0.7711 0.9952 1.0000 1.0000 0.9997 1.0000 1.0000 0.9226	34.26 28.38 28.38 21.88 21.77 21.77 21.77 21.77 21.77
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	131,752 131,692 130,652 128,282 128,282 125,435 110,592 104,679 104,679 86,340	4,538 1,449 7,661	0.0000 0.0000 0.0000 0.0000 0.0000 0.0362 0.0131 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9638 0.9869 1.0000 1.0000	20.08 20.08 20.08 20.08 20.08 20.08 19.36 19.10 19.10
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	76,340 74,520 66,907 66,907 66,907 62,573 62,427 55,466 55,313 52,192	7,613 87 5,467	0.0000 0.1022 0.0000 0.0000 0.0013 0.0000 0.0876 0.0000 0.0000	1.0000 0.8978 1.0000 1.0000 0.9987 1.0000 0.9124 1.0000 1.0000	17.41 17.41 15.63 15.63 15.63 15.61 14.24 14.24

ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

PLACEMENT E	BAND 1900-2018		EXPE	RIENCE BAN	D 1940-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	52,192 50,938 50,499 50,499 50,499 50,499 50,499 50,499 45,020	1,254 439 5,479	0.0240 0.0086 0.0000 0.0000 0.0000 0.0000 0.0000 0.1085 0.0000	0.9760 0.9914 1.0000 1.0000 1.0000 1.0000 1.0000 0.8915 1.0000	14.24 13.90 13.78 13.78 13.78 13.78 13.78 13.78 13.78 13.78
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	45,020 42,554 37,419 34,562 27,436 26,729 25,682 25,682 25,682 25,682	990 2,857 3,476 707	0.0220 0.0000 0.0764 0.1006 0.0258 0.0000 0.0000 0.0000	0.9780 1.0000 0.9236 0.8994 0.9742 1.0000 1.0000 1.0000	12.28 12.01 12.01 11.10 9.98 9.72 9.72 9.72 9.72 9.72
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	24,396 24,396 24,396 24,396 24,045 23,640 5,710 5,710 4,918		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	9.72 9.72 9.72 9.72 9.72 9.72 9.72 9.72
109.5 110.5 111.5 112.5 113.5	4,918 4,918 4,918 3,041	1,877	0.0000 0.0000 0.3817 0.0000	1.0000 1.0000 0.6183 1.0000	9.72 9.72 9.72 6.01 6.01



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GAS PLANT
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ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 376 MAINS

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	462,366,649 463,231,976 449,013,133 425,443,051 408,847,204 389,302,046 375,354,281 356,741,834 336,194,181 323,987,771	268,419 83,528 42,627 131,485 111,716 38,387 109,328 1,110,803 2,903,956 2,566,553	0.0006 0.0002 0.0001 0.0003 0.0003 0.0001 0.0003 0.0031 0.0086 0.0079	0.9994 0.9998 0.9999 0.9997 0.9999 0.9999 0.9969 0.9914 0.9921	100.00 99.94 99.92 99.91 99.88 99.86 99.85 99.85 99.82 99.51
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	317,221,227 289,226,161 278,202,949 266,046,065 259,371,553 248,243,473 235,427,412 212,499,550 192,672,928 181,940,158	1,209,795 612,167 165,291 197,551 158,023 105,920 192,118 240,195 205,056 199,815	0.0038 0.0021 0.0006 0.0007 0.0006 0.0004 0.0008 0.0011 0.0011	0.9962 0.9979 0.9994 0.9993 0.9994 0.9996 0.9992 0.9989 0.9989	97.87 97.49 97.29 97.23 97.16 97.10 97.06 96.98 96.87 96.76
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	170,401,948 155,072,040 145,707,905 138,854,796 130,718,333 118,807,673 111,017,175 103,050,926 97,696,734 90,424,007	277,769 134,623 192,020 207,872 250,844 204,761 210,876 262,069 176,469 154,400	0.0016 0.0009 0.0013 0.0015 0.0019 0.0017 0.0019 0.0025 0.0018 0.0017	0.9984 0.9991 0.9987 0.9985 0.9981 0.9983 0.9975 0.9982 0.9983	96.66 96.50 96.42 96.29 96.14 95.96 95.79 95.61 95.37 95.20
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	85,528,945 80,959,834 78,633,617 71,522,778 65,601,521 63,430,370 60,022,998 57,587,463 53,029,591 50,039,974	168,301 196,597 163,431 255,739 374,207 1,026,820 292,634 770,698 288,600 472,044	0.0020 0.0024 0.0021 0.0036 0.0057 0.0162 0.0049 0.0134 0.0054 0.0094	0.9980 0.9976 0.9979 0.9964 0.9943 0.9838 0.9951 0.9866 0.9946 0.9906	95.03 94.85 94.62 94.42 94.08 93.55 92.03 91.58 90.36 89.87



ACCOUNT 376 MAINS

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	48,265,250 46,710,206 45,723,886 44,339,855 43,237,510 41,961,882 40,338,371 37,959,217 33,030,379 30,657,551	297,107 676,756 457,635 546,138 316,818 526,803 324,793 496,794 365,735 302,958	0.0062 0.0145 0.0100 0.0123 0.0073 0.0126 0.0081 0.0131 0.0111 0.0099	0.9938 0.9855 0.9900 0.9877 0.9927 0.9874 0.9919 0.9869 0.9889 0.9901	89.02 88.47 87.19 86.32 85.25 84.63 83.57 82.89 81.81 80.90
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	28,756,452 26,555,322 23,956,950 22,583,784 19,646,040 18,112,909 16,296,830 14,483,650 13,294,447 11,569,936	674,681 313,579 329,088 410,768 166,758 183,278 157,010 210,043 359,081 128,233	0.0235 0.0118 0.0137 0.0182 0.0085 0.0101 0.0096 0.0145 0.0270 0.0111	0.9765 0.9882 0.9863 0.9818 0.9915 0.9899 0.9904 0.9855 0.9730 0.9889	80.10 78.22 77.30 76.24 74.85 74.22 73.46 72.76 71.70 69.77
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	10,146,745 9,425,972 7,401,062 6,420,559 4,720,002 3,753,743 2,544,544 2,387,365 2,172,890 1,836,382	66,482 565,425 166,666 27,008 33,934 249,817 152,530 84,169 105,514 142,215	0.0066 0.0600 0.0225 0.0042 0.0072 0.0666 0.0599 0.0353 0.0486 0.0774	0.9934 0.9400 0.9775 0.9958 0.9928 0.9334 0.9401 0.9647 0.9514 0.9226	68.99 68.54 64.43 62.98 62.71 62.26 58.12 54.63 52.71 50.15
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,675,953 1,453,465 1,386,840 152,830 140,249 94,478 82,440 77,045 72,992 69,967	98,903 64,106 1,233,789 11,819 42,880 8,758 4,150 2,741 3,025 856	0.0590 0.0441 0.8896 0.0773 0.3057 0.0927 0.0503 0.0356 0.0414 0.0122	0.9410 0.9559 0.1104 0.9227 0.6943 0.9073 0.9497 0.9644 0.9586 0.9878	46.27 43.53 41.61 4.59 4.24 2.94 2.67 2.53 2.44 2.34

ACCOUNT 376 MAINS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1900-2019 EXPOSURES AT RETIREMENTS PCT SURV AGE AT BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 69,111 0.0209 0.9791 1,443 2.31 80.5 67,669 4,082 0.0603 0.9397 2.27 81.5 63,586 494 0.0078 0.9922 2.13 82.5 63,093 5,009 0.9206 0.0794 2.11 83.5 58,084 32,519 0.5599 0.4401 1.95 84.5 25,565 852 0.0333 0.9667 0.86 85.5 24,714 2,105 0.0852 0.9148 0.83 22,609 86.5 1,264 0.0559 0.9441 0.76 21,344 0.0782 87.5 1,669 0.9218 0.71 19,676 88.5 484 0.0246 0.9754 0.66 89.5 19,192 960 0.0500 0.9500 0.64 90.5 18,232 2,578 0.1414 0.8586 0.61 91.5 15,654 0.9707 458 0.0293 0.52 3,010 15,196 92.5 0.1981 0.8019 0.51 93.5 12,186 0.8491 10,347 0.1509 0.41 94.5 1,839 136 0.0740 0.9260 0.06 95.5 1,703 314 0.1841 0.8159 0.06 96.5 1,390 53 0.0381 0.9619 0.05 97.5 1,337 530 0.3964 0.6036 0.04 98.5 807 807 1.0000 0.03

99.5

ACCOUNT 376 MAINS

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1935-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	459,923,617 460,788,944 446,570,102 423,000,019 406,404,172 386,859,014 372,911,249 354,298,802 333,751,149 321,544,740	268,419 83,528 42,627 131,485 111,716 38,387 109,328 1,110,803 2,903,956 2,566,553	0.0006 0.0002 0.0001 0.0003 0.0003 0.0001 0.0003 0.0031 0.0087 0.0080	0.9994 0.9998 0.9999 0.9997 0.9999 0.9999 0.9969 0.9913 0.9920	100.00 99.94 99.92 99.91 99.88 99.86 99.85 99.85 99.82 99.50 98.64
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	315,919,613 287,924,547 276,901,335 264,744,451 258,069,939 246,941,859 234,125,798 211,197,935 191,371,313 180,638,544	1,209,795 612,167 165,291 197,551 158,023 105,920 192,118 240,195 205,056 199,815	0.0038 0.0021 0.0006 0.0007 0.0006 0.0004 0.0008 0.0011 0.0011	0.9962 0.9979 0.9994 0.9993 0.9994 0.9996 0.9989 0.9989 0.9989	97.85 97.48 97.27 97.21 97.14 97.08 97.04 96.96 96.85 96.74
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	169,520,613 154,190,706 144,826,570 137,973,462 129,836,999 117,926,339 110,135,840 102,169,592 96,815,400 89,542,673	277,769 134,623 192,020 207,872 250,844 204,761 210,876 262,069 176,469 154,400	0.0016 0.0009 0.0013 0.0015 0.0019 0.0017 0.0019 0.0026 0.0018 0.0017	0.9984 0.9991 0.9987 0.9985 0.9981 0.9983 0.9974 0.9982 0.9983	96.64 96.48 96.39 96.27 96.12 95.93 95.77 95.58 95.34 95.17
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	85,309,936 80,740,825 78,414,608 71,303,769 65,382,512 63,430,370 60,022,998 57,587,463 53,029,591 50,039,974	168,301 196,597 163,431 255,739 374,207 1,026,820 292,634 770,698 288,600 472,044	0.0020 0.0024 0.0021 0.0036 0.0057 0.0162 0.0049 0.0134 0.0054 0.0094	0.9980 0.9976 0.9979 0.9964 0.9943 0.9838 0.9951 0.9866 0.9946 0.9906	95.00 94.81 94.58 94.39 94.05 93.51 92.00 91.55 90.32 89.83

ACCOUNT 376 MAINS

PLACEMENT I	BAND 1900-2019		EXPEF	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	48,265,250 46,710,206 45,723,886 44,339,855 43,237,510 41,961,882 40,338,371 37,959,217 33,030,379 30,657,551	297,107 676,756 457,635 546,138 316,818 526,803 324,793 496,794 365,735 302,958	0.0062 0.0145 0.0100 0.0123 0.0073 0.0126 0.0081 0.0131 0.0111 0.0099	0.9938 0.9855 0.9900 0.9877 0.9927 0.9874 0.9919 0.9869 0.9889 0.9901	88.98 88.44 87.15 86.28 85.22 84.59 83.53 82.86 81.78 80.87
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	28,756,452 26,555,322 23,956,950 22,583,784 19,646,040 18,112,909 16,296,830 14,483,650 13,294,447 11,569,936	674,681 313,579 329,088 410,768 166,758 183,278 157,010 210,043 359,081 128,233	0.0235 0.0118 0.0137 0.0182 0.0085 0.0101 0.0096 0.0145 0.0270 0.0111	0.9765 0.9882 0.9863 0.9818 0.9915 0.9899 0.9904 0.9855 0.9730 0.9889	80.07 78.19 77.27 76.21 74.82 74.19 73.44 72.73 71.67 69.74
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	10,146,745 9,425,972 7,401,062 6,420,559 4,720,002 3,753,743 2,544,544 2,387,365 2,172,890 1,836,382	66,482 565,425 166,666 27,008 33,934 249,817 152,530 84,169 105,514 142,215	0.0066 0.0600 0.0225 0.0042 0.0072 0.0666 0.0599 0.0353 0.0486 0.0774	0.9934 0.9400 0.9775 0.9958 0.9928 0.9334 0.9401 0.9647 0.9514 0.9226	68.96 68.51 64.40 62.95 62.69 62.24 58.10 54.61 52.69 50.13
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	1,675,953 1,453,465 1,386,840 152,830 140,249 94,478 82,440 77,045 72,992 69,967	98,903 64,106 1,233,789 11,819 42,880 8,758 4,150 2,741 3,025 856	0.0590 0.0441 0.8896 0.0773 0.3057 0.0927 0.0503 0.0356 0.0414 0.0122	0.9410 0.9559 0.1104 0.9227 0.6943 0.9073 0.9497 0.9644 0.9586 0.9878	46.25 43.52 41.60 4.59 4.24 2.94 2.67 2.53 2.44 2.34

ACCOUNT 376 MAINS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1935-2019 EXPOSURES AT RETIREMENTS PCT SURV AGE AT BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 69,111 0.0209 0.9791 1,443 2.31 80.5 67,669 4,082 0.0603 0.9397 2.27 81.5 63,586 494 0.0078 0.9922 2.13 82.5 63,093 5,009 0.9206 0.0794 2.11 83.5 58,084 32,519 0.5599 0.4401 1.94 84.5 25,565 852 0.0333 0.9667 0.86 85.5 24,714 2,105 0.0852 0.9148 0.83 22,609 86.5 1,264 0.0559 0.9441 0.76 21,344 87.5 1,669 0.0782 0.9218 0.71 19,676 88.5 484 0.0246 0.9754 0.66 89.5 19,192 960 0.0500 0.9500 0.64 90.5 18,232 2,578 0.1414 0.8586 0.61 91.5 15,654 0.9707 458 0.0293 0.52 15,196 3,010 92.5 0.1981 0.8019 0.51 93.5 12,186 0.8491 10,347 0.1509 0.41 94.5 1,839 136 0.0740 0.9260 0.06 95.5 1,703 314 0.1841 0.8159 0.06 96.5 1,390 53 0.0381 0.9619 0.05 97.5 1,337 530 0.3964 0.6036 0.04 98.5 807 807 1.0000 0.03 99.5

ACCOUNT 376 MAINS

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1965-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	437,400,028 438,266,491 426,198,427 403,752,698 388,742,949 370,720,433 358,072,159 341,220,586 322,224,727 312,093,690	268,419 83,528 42,627 131,485 111,716 38,387 109,328 1,110,803 2,903,956 2,566,553	0.0006 0.0002 0.0001 0.0003 0.0003 0.0001 0.0003 0.0033 0.0090 0.0082	0.9994 0.9998 0.9999 0.9997 0.9997 0.9999 0.9967 0.9910 0.9918	100.00 99.94 99.92 99.91 99.88 99.85 99.84 99.81 99.48 98.59
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	306,718,587 280,187,449 269,725,290 257,995,368 252,093,546 241,586,769 229,022,979 206,300,778 186,594,336 176,045,545	1,209,795 612,167 160,340 197,551 158,023 105,920 192,118 240,195 205,056 199,815	0.0039 0.0022 0.0006 0.0008 0.0006 0.0004 0.0008 0.0012 0.0011	0.9961 0.9978 0.9994 0.9992 0.9994 0.9996 0.9992 0.9988 0.9989	97.78 97.39 97.18 97.12 97.04 96.98 96.94 96.86 96.75 96.64
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	165,276,228 149,961,311 140,629,493 133,863,552 125,893,484 114,150,092 106,436,430 98,530,755 93,236,271 85,994,539	277,769 134,623 192,020 207,872 250,844 204,761 210,876 262,069 176,469 154,400	0.0017 0.0009 0.0014 0.0016 0.0020 0.0018 0.0020 0.0027 0.0019 0.0018	0.9983 0.9991 0.9986 0.9984 0.9980 0.9982 0.9980 0.9973 0.9981 0.9982	96.53 96.37 96.28 96.15 96.00 95.81 95.64 95.45 95.20 95.02
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	83,085,913 78,516,802 76,190,585 69,079,746 63,158,489 60,987,338 57,586,578 55,156,983 50,612,332 47,636,863	168,301 196,597 163,431 255,739 374,207 1,020,209 286,693 757,477 274,452 465,440	0.0020 0.0025 0.0021 0.0037 0.0059 0.0167 0.0050 0.0137 0.0054 0.0098	0.9980 0.9975 0.9979 0.9963 0.9941 0.9833 0.9950 0.9863 0.9946 0.9902	94.84 94.65 94.42 94.21 93.86 93.31 91.75 91.29 90.04 89.55

ACCOUNT 376 MAINS

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	47,010,161	241,864	0.0051	0.9949	88.67
40.5	45,510,360	665,422	0.0146	0.9854	88.22
41.5	44,535,374	449,471	0.0101	0.9899	86.93
42.5	43,159,507	536,076	0.0124	0.9876	86.05
43.5	42,067,224	315,148	0.0075	0.9925	84.98
44.5	40,793,266	525,859	0.0129	0.9871	84.34
45.5	39,170,699	316,598	0.0081	0.9919	83.26
46.5	36,799,740	496,794	0.0135	0.9865	82.58
47.5	31,870,902	315,746	0.0099	0.9901	81.47
48.5	29,548,063	237,891	0.0081	0.9919	80.66
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	28,132,311 25,994,634 23,458,201 22,120,409 19,263,703 17,770,588 16,011,457 14,225,744 13,115,463 11,484,475	611,227 251,641 293,714 329,729 126,743 126,329 129,544 131,120 265,559 68,337	0.0217 0.0097 0.0125 0.0149 0.0066 0.0071 0.0081 0.0092 0.0202 0.0060	0.9783 0.9903 0.9875 0.9851 0.9934 0.9929 0.9919 0.9908 0.9798	80.01 78.27 77.52 76.55 75.41 74.91 74.38 73.77 73.09 71.61
59.5	10,143,741	66,482	0.0066	0.9934	71.19
60.5	9,422,967	565,425	0.0600	0.9400	70.72
61.5	7,398,057	166,666	0.0225	0.9775	66.48
62.5	6,417,554	27,008	0.0042	0.9958	64.98
63.5	4,716,997	33,934	0.0072	0.9928	64.71
64.5	3,753,743	249,817	0.0666	0.9334	64.24
65.5	2,544,544	152,530	0.0599	0.9401	59.97
66.5	2,387,365	84,169	0.0353	0.9647	56.37
67.5	2,172,890	105,514	0.0486	0.9514	54.38
68.5	1,836,382	142,215	0.0774	0.9226	51.74
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	1,675,953	98,903	0.0590	0.9410	47.74
	1,453,465	64,106	0.0441	0.9559	44.92
	1,386,840	1,233,789	0.8896	0.1104	42.94
	152,830	11,819	0.0773	0.9227	4.74
	140,249	42,880	0.3057	0.6943	4.37
	94,478	8,758	0.0927	0.9073	3.04
	82,440	4,150	0.0503	0.9497	2.75
	77,045	2,741	0.0356	0.9644	2.62
	72,992	3,025	0.0414	0.9586	2.52
	69,967	856	0.0122	0.9878	2.42

ACCOUNT 376 MAINS

PLACEMENT I		EXPER	RIENCE BAN	D 1965-2019	
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5 90.5 91.5 92.5 93.5 94.5 95.5	69,111 67,669 63,586 63,093 58,084 25,565 24,714 22,609 21,344 19,676 19,192 18,232 15,654 15,196 12,186 1,839 1,703 1,390	1,443 4,082 494 5,009 32,519 852 2,105 1,264 1,669 484 960 2,578 458 3,010 10,347 136 314 53	0.0209 0.0603 0.0078 0.0794 0.5599 0.0333 0.0852 0.0559 0.0782 0.0246 0.0500 0.1414 0.0293 0.1981 0.8491 0.0740 0.1841 0.0381	0.9791 0.9397 0.9922 0.9206 0.4401 0.9667 0.9148 0.9441 0.9218 0.9754 0.9500 0.8586 0.9707 0.8019 0.1509 0.9260 0.8159 0.9619	2.39 2.34 2.20 2.18 2.01 0.88 0.85 0.78 0.74 0.68 0.66 0.63 0.54 0.53 0.42 0.06 0.06 0.05
97.5 98.5 99.5	1,337 807	530 807	0.3964	0.6036	0.05

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL
ORIGINAL AND SMOOTH SURVIVOR CURVES

120 1940-2019 EXPERIENCE 1900-2019 PLACEMENTS ORIGINAL CURVE **■** 1900-2019 EXPERIENCE 1900-2019 PLACEMENTS 2000-2019 EXPERIENCE 1934-2019 PLACEMENTS 100 **IOWA 43-S0** 8 AGE IN YEARS 4 20 9 9 80 70 -09 40 30-20 10 20 РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

PLACEMENT E	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	32,499,727 29,582,465 25,161,707 24,604,324 21,356,973 19,790,499 17,890,408 15,647,786 13,155,720 11,737,753	740 7,808 19,418 27,938 127,509 53,823 83,700 46,923 80,199 255,621	0.0000 0.0003 0.0008 0.0011 0.0060 0.0027 0.0047 0.0030 0.0061 0.0218	1.0000 0.9997 0.9992 0.9989 0.9940 0.9973 0.9953 0.9970 0.9939 0.9782	100.00 100.00 99.97 99.89 99.78 99.19 98.92 98.45 98.16 97.56
9.5	10,152,720	1,494,396	0.1472	0.8528	95.43
10.5	7,637,071	133,635	0.0175	0.9825	81.39
11.5	7,252,214	129,298	0.0178	0.9822	79.96
12.5	6,981,848	63,519	0.0091	0.9909	78.54
13.5	6,620,052	357,150	0.0539	0.9461	77.82
14.5	5,466,959	44,738	0.0082	0.9918	73.62
15.5	4,992,437	38,351	0.0077	0.9923	73.02
16.5	4,466,773	19,726	0.0044	0.9956	72.46
17.5	4,433,420	102,327	0.0231	0.9769	72.14
18.5	4,205,861	56,050	0.0133	0.9867	70.48
19.5	3,493,621	380,094	0.1088	0.8912	69.54
20.5	3,070,808	27,789	0.0090	0.9910	61.97
21.5	2,886,362	31,029	0.0108	0.9892	61.41
22.5	2,718,801	44,224	0.0163	0.9837	60.75
23.5	2,607,005	8,767	0.0034	0.9966	59.76
24.5	2,527,434	27,544	0.0109	0.9891	59.56
25.5	2,478,737	26,376	0.0106	0.9894	58.91
26.5	2,452,465	65,766	0.0268	0.9732	58.29
27.5	2,433,410	40,080	0.0165	0.9835	56.72
28.5	2,343,325	16,608	0.0071	0.9929	55.79
29.5	2,223,294 2,126,765 2,102,984 1,949,128 1,508,658 1,428,979 1,373,395 1,312,160 1,237,265 1,209,760	15,670	0.0070	0.9930	55.39
30.5		7,695	0.0036	0.9964	55.00
31.5		22,884	0.0109	0.9891	54.80
32.5		16,305	0.0084	0.9916	54.21
33.5		22,462	0.0149	0.9851	53.75
34.5		22,216	0.0155	0.9845	52.95
35.5		11,780	0.0086	0.9914	52.13
36.5		32,792	0.0250	0.9750	51.68
37.5		14,062	0.0114	0.9886	50.39
38.5		25,820	0.0213	0.9787	49.82

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

PLACEMENT I	BAND 1900-2019		EXPEF	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,158,787 1,107,846 1,057,086 1,033,367 969,910 942,596 897,734 807,078 769,622 725,479	24,042 36,650 20,387 16,588 17,166 1,314 38,027 13,262 10,482 6,888	0.0207 0.0331 0.0193 0.0161 0.0177 0.0014 0.0424 0.0164 0.0136 0.0095	0.9793 0.9669 0.9807 0.9839 0.9823 0.9986 0.9576 0.9836 0.9864 0.9905	48.75 47.74 46.16 45.27 44.55 43.76 43.70 41.85 41.16 40.60
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	634,845 605,359 496,774 440,629 380,134 346,562 301,907 287,681 272,662 226,231	20,060 42,250 9,951 7,524 11,429 7,633 10,378 8,060 21,823 513	0.0316 0.0698 0.0200 0.0171 0.0301 0.0220 0.0344 0.0280 0.0800 0.0023	0.9684 0.9302 0.9800 0.9829 0.9699 0.9780 0.9656 0.9720 0.9200 0.9977	40.21 38.94 36.22 35.50 34.89 33.84 33.10 31.96 31.06 28.58
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	193,906 174,905 134,405 99,138 58,566 25,840 24,276 23,210 23,173 22,170	8,794 8,797 4,084 3,038 3,345 1,213 1,066 37 1,003 4,778	0.0454 0.0503 0.0304 0.0306 0.0571 0.0469 0.0439 0.0016 0.0433 0.2155	0.9546 0.9497 0.9696 0.9694 0.9429 0.9531 0.9561 0.9984 0.9567 0.7845	28.51 27.22 25.85 25.07 24.30 22.91 21.83 20.88 20.84 19.94
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	7,854 7,854 7,522 6,993 6,887 6,782 6,586 6,586 1,978	332 529 106 105 196	0.0000 0.0423 0.0703 0.0152 0.0152 0.0289 0.0000 0.6997 0.0000	1.0000 0.9577 0.9297 0.9848 0.9848 0.9711 1.0000 0.3003 1.0000	15.64 15.64 14.98 13.93 13.72 13.51 13.12 13.12 3.94 3.94



ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1900-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 0.0000 1.0000 1,978 3.94 0.0000 1.0000 80.5 1,978 3.94 81.5 1,978 0.0000 1.0000 3.94 82.5 1,978 0.0000 1.0000 3.94 83.5 1,978 0.0000 1.0000 3.94 84.5 1,978 0.0000 1.0000 3.94 1,978 0.0000 1.0000 85.5 3.94 1,978 3.94 86.5 0.0000 1.0000 1,978 87.5 0.0000 1.0000 3.94 88.5 1,978 0.0000 1.0000 3.94 2,968 89.5 2,613 0.8804 0.1196 3.94 90.5 355 355 1.0000 0.47 91.5

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

PLACEMENT 1	BAND 1900-2019		EXPEF	RIENCE BAN	D 1940-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	32,444,814 29,527,616 25,106,858 24,549,671 21,302,320 19,735,846 17,835,755 15,593,133 13,101,067 11,683,100	740 7,808 19,418 27,938 127,509 53,823 83,700 46,923 80,199 255,621	0.0000 0.0003 0.0008 0.0011 0.0060 0.0027 0.0047 0.0030 0.0061 0.0219	1.0000 0.9997 0.9992 0.9989 0.9940 0.9973 0.9953 0.9970 0.9939 0.9781	100.00 100.00 99.97 99.89 99.78 99.18 98.91 98.45 98.15 97.55
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	10,098,123 7,584,017 7,206,589 6,937,323 6,585,120 5,433,432 4,960,424 4,435,697 4,402,344 4,176,468	1,494,396 133,635 129,298 63,519 357,150 44,738 38,351 19,726 102,327 56,050	0.1480 0.0176 0.0179 0.0092 0.0542 0.0082 0.0077 0.0044 0.0232 0.0134	0.8520 0.9824 0.9821 0.9908 0.9458 0.9918 0.9923 0.9956 0.9768 0.9866	95.42 81.30 79.86 78.43 77.71 73.50 72.89 72.33 72.01 70.33
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	3,465,402 3,043,689 2,859,243 2,691,682 2,580,607 2,501,819 2,475,195 2,448,923 2,429,868 2,339,783	380,094 27,789 31,029 44,224 8,767 27,544 26,376 65,766 40,080 16,608	0.1097 0.0091 0.0109 0.0164 0.0034 0.0110 0.0107 0.0269 0.0165 0.0071	0.8903 0.9909 0.9891 0.9836 0.9966 0.9890 0.9893 0.9731 0.9835 0.9929	69.39 61.78 61.22 60.55 59.56 59.35 58.70 58.07 56.51 55.58
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,219,752 2,123,223 2,099,442 1,945,586 1,505,116 1,425,437 1,369,853 1,308,618 1,233,723 1,206,218	15,670 7,695 22,884 16,305 22,462 22,216 11,780 32,792 14,062 25,820	0.0071 0.0036 0.0109 0.0084 0.0149 0.0156 0.0086 0.0251 0.0114 0.0214	0.9929 0.9964 0.9891 0.9916 0.9851 0.9844 0.9914 0.9749 0.9886 0.9786	55.19 54.80 54.60 54.00 53.55 52.75 51.93 51.48 50.19 49.62

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

PLACEMENT E	BAND 1900-2019		EXPER	RIENCE BAN	D 1940-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,158,787 1,107,846 1,057,086 1,033,367 969,910 942,596 897,734 807,078 769,622 725,479	24,042 36,650 20,387 16,588 17,166 1,314 38,027 13,262 10,482 6,888	0.0207 0.0331 0.0193 0.0161 0.0177 0.0014 0.0424 0.0164 0.0136 0.0095	0.9793 0.9669 0.9807 0.9839 0.9823 0.9986 0.9576 0.9836 0.9864 0.9905	48.56 47.55 45.98 45.09 44.37 43.58 43.52 41.68 40.99 40.44
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	634,845 605,359 496,774 440,629 380,134 346,562 301,907 287,681 272,662 226,231	20,060 42,250 9,951 7,524 11,429 7,633 10,378 8,060 21,823 513	0.0316 0.0698 0.0200 0.0171 0.0301 0.0220 0.0344 0.0280 0.0800 0.0023	0.9684 0.9302 0.9800 0.9829 0.9699 0.9780 0.9656 0.9720 0.9200 0.9977	40.05 38.79 36.08 35.36 34.75 33.71 32.97 31.83 30.94 28.46
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	193,906 174,905 134,405 99,138 58,566 25,840 24,276 23,210 23,173 22,170	8,794 8,797 4,084 3,038 3,345 1,213 1,066 37 1,003 4,778	0.0454 0.0503 0.0304 0.0306 0.0571 0.0469 0.0439 0.0016 0.0433 0.2155	0.9546 0.9497 0.9696 0.9694 0.9429 0.9531 0.9561 0.9984 0.9567 0.7845	28.40 27.11 25.75 24.97 24.20 22.82 21.75 20.79 20.76 19.86
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	7,854 7,854 7,522 6,993 6,887 6,782 6,586 6,586 1,978	332 529 106 105 196 4,608	0.0000 0.0423 0.0703 0.0152 0.0152 0.0289 0.0000 0.6997 0.0000	1.0000 0.9577 0.9297 0.9848 0.9848 0.9711 1.0000 0.3003 1.0000	15.58 15.58 14.92 13.87 13.66 13.45 13.07 13.07 3.92 3.92



ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1940-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 0.0000 1.0000 1,978 3.92 0.0000 1.0000 80.5 1,978 3.92 81.5 1,978 0.0000 1.0000 3.92 82.5 1,978 0.0000 1.0000 3.92 83.5 1,978 0.0000 1.0000 3.92 84.5 1,978 0.0000 1.0000 3.92 1,978 0.0000 1.0000 85.5 3.92 1,978 3.92 86.5 0.0000 1.0000 87.5 1,978 0.0000 1.0000 3.92 88.5 1,978 0.0000 1.0000 3.92 2,968 89.5 2,613 0.8804 0.1196 3.92 90.5 355 355 1.0000 0.47

91.5

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

PLACEMENT H	BAND 1934-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	28,267,141 25,389,893 21,152,064 20,646,153 17,542,907 16,058,693 14,240,427 12,059,417 9,890,055 8,526,278	14,185 2,125 97,342 38,333 70,513 23,247 70,774 240,981	0.0000 0.0000 0.0007 0.0001 0.0055 0.0024 0.0050 0.0019 0.0072 0.0283	1.0000 1.0000 0.9993 0.9999 0.9945 0.9976 0.9950 0.9981 0.9928 0.9717	100.00 100.00 100.00 99.93 99.92 99.37 99.13 98.64 98.45 97.75
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	7,102,588 4,689,530 4,404,149 4,281,967 4,730,043 3,724,967 3,270,297 2,842,836 2,826,770 2,684,291	1,471,680 79,585 112,529 13,177 313,142 27,640 14,353 6,075 88,529 40,463	0.2072 0.0170 0.0256 0.0031 0.0662 0.0074 0.0044 0.0021 0.0313 0.0151	0.7928 0.9830 0.9744 0.9969 0.9338 0.9926 0.9956 0.9979 0.9687 0.9849	94.98 75.30 74.02 72.13 71.91 67.15 66.65 66.36 66.22 64.14
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,030,951 1,684,237 1,496,582 1,387,633 1,332,726 1,272,371 1,303,132 1,330,855 1,352,660 1,346,750	344,317 9,951 7,985 9,200 4,090 18,671 3,164 27,309 27,897 6,855	0.1695 0.0059 0.0053 0.0066 0.0031 0.0147 0.0024 0.0205 0.0206 0.0051	0.8305 0.9941 0.9947 0.9934 0.9969 0.9853 0.9976 0.9795 0.9794	63.18 52.47 52.16 51.88 51.53 51.38 50.62 50.50 49.46 48.44
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,333,604 1,294,246 1,366,590 1,281,185 909,486 868,415 850,404 819,421 772,478 801,911	4,715 5,828 7,401 6,911 10,820 21,466 10,904 30,930 9,606 7,296	0.0035 0.0045 0.0054 0.0054 0.0119 0.0247 0.0128 0.0377 0.0124 0.0091	0.9965 0.9955 0.9946 0.9946 0.9881 0.9753 0.9872 0.9623 0.9876 0.9909	48.20 48.03 47.81 47.55 47.29 46.73 45.58 44.99 43.29 42.76

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1934-2019		EXPER	RIENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	841,933 817,192 830,408 867,654 859,684 864,067 852,554 766,752 734,834 690,690	11,935 11,242 4,845 5,878 16,670 1,068 33,173 7,724 10,482 6,448	0.0142 0.0138 0.0058 0.0068 0.0194 0.0012 0.0389 0.0101 0.0143 0.0093	0.9858 0.9862 0.9942 0.9932 0.9806 0.9988 0.9611 0.9899 0.9857 0.9907	42.37 41.77 41.19 40.95 40.67 39.88 39.84 38.29 37.90 37.36
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	615,710 587,103 478,747 422,975 363,851 330,279 285,749 271,523 256,696 210,555	19,181 42,021 9,578 6,153 11,429 7,508 10,378 7,868 21,533 460	0.0312 0.0716 0.0200 0.0145 0.0314 0.0227 0.0363 0.0290 0.0839 0.0022	0.9688 0.9284 0.9800 0.9855 0.9686 0.9773 0.9637 0.9710 0.9161 0.9978	37.01 35.86 33.29 32.62 32.15 31.14 30.43 29.33 28.48 26.09
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	178,283 163,177 122,677 87,622 47,468 15,564 15,213 15,213 15,213 14,316	4,899 8,797 3,872 2,620 2,523	0.0275 0.0539 0.0316 0.0299 0.0532 0.0000 0.0000 0.0000 0.0590 0.3337	0.9725 0.9461 0.9684 0.9701 0.9468 1.0000 1.0000 0.9410 0.6663	26.03 25.32 23.95 23.20 22.50 21.31 21.31 21.31 21.31 20.05



69.5

13.36

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE ORIGINAL AND SMOOTH SURVIVOR CURVES LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

120 1965-2019 EXPERIENCE 1945-2019 PLACEMENTS ORIGINAL CURVE = 1914-2019 EXPERIENCE 100 8 **IOWA 37-S0** AGE IN YEARS 9 20 100 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

PLACEMENT F	BAND 1914-2019		EXPEF	RIENCE BAN	D 1914-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	15,524,901 15,312,940 13,966,463 9,017,350 8,408,222 8,319,499 7,394,046 5,422,833 5,091,591 4,828,081	6,844 15,163 9,126 26,612 11,932 32,791 94,920 20,740 36,764 32,041	0.0004 0.0010 0.0007 0.0030 0.0014 0.0039 0.0128 0.0038 0.0072 0.0066	0.9996 0.9990 0.9993 0.9970 0.9986 0.9961 0.9872 0.9962 0.9928 0.9934	100.00 99.96 99.86 99.79 99.50 99.36 98.96 97.69 97.32 96.62
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	4,706,413 4,551,765 4,467,322 4,269,644 4,183,831 3,990,782 3,818,536 3,016,290 3,011,800 2,391,453	44,002 76,876 180,958 51,499 73,447 6,336 78,338 16,431 36,868 31,260	0.0093 0.0169 0.0405 0.0121 0.0176 0.0016 0.0205 0.0054 0.0122 0.0131	0.9907 0.9831 0.9595 0.9879 0.9824 0.9984 0.9795 0.9946 0.9878 0.9869	95.98 95.08 93.47 89.69 88.61 87.05 86.91 85.13 84.66 83.63
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,211,064 2,080,741 1,545,276 1,432,101 1,422,712 1,236,589 1,160,723 1,211,664 1,177,765 1,000,207	56,307 95,913 40,790 30,513 221,930 4,520 17,246 33,547 37,812 6,385	0.0255 0.0461 0.0264 0.0213 0.1560 0.0037 0.0149 0.0277 0.0321 0.0064	0.9745 0.9539 0.9736 0.9787 0.8440 0.9963 0.9851 0.9723 0.9679 0.9936	82.54 80.43 76.73 74.70 73.11 61.70 61.48 60.57 58.89 57.00
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	991,000 969,774 952,935 910,785 860,300 839,815 812,702 801,468 663,593 661,395	13,470 16,839 36,528 46,256 9,504 5,232 5,544 29,606 2,198 21,470	0.0136 0.0174 0.0383 0.0508 0.0110 0.0062 0.0068 0.0369 0.0033 0.0325	0.9864 0.9826 0.9617 0.9492 0.9890 0.9938 0.9932 0.9631 0.9967 0.9675	56.63 55.86 54.89 52.79 50.11 49.56 49.25 48.91 47.10 46.95



ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1914-2019 EXPERIENCE BAND 1914-20					D 1914-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	633,785 599,003 579,090 557,377 542,619 531,659 461,549 425,560 364,878 350,521	30,325 19,914 22,209 10,221 15,439 65,860 35,895 58,722 11,191 3,229	0.0478 0.0332 0.0384 0.0183 0.0285 0.1239 0.0778 0.1380 0.0307 0.0092	0.9522 0.9668 0.9616 0.9817 0.9715 0.8761 0.9222 0.8620 0.9693 0.9908	45.42 43.25 41.81 40.21 39.47 38.35 33.60 30.99 26.71 25.89
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	348,894 307,134 278,062 237,478 230,925 179,917 154,873 95,311 34,376 31,015	16,796 974 4,966 6,552 216 18,367 673 49,507 1,881 240	0.0481 0.0032 0.0179 0.0276 0.0009 0.1021 0.0043 0.5194 0.0547 0.0077	0.9519 0.9968 0.9821 0.9724 0.9991 0.8979 0.9957 0.4806 0.9453 0.9923	25.65 24.42 24.34 23.90 23.25 23.22 20.85 20.76 9.98 9.43
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	22,558 21,049 8,684 3,756 1,495 1,495 1,155 711 711 711	1,509 42 2,767 1,848 15 21	0.0669 0.0020 0.3186 0.4919 0.0000 0.0102 0.0184 0.0000 0.0000	0.9331 0.9980 0.6814 0.5081 1.0000 0.9898 0.9816 1.0000 1.0000	9.36 8.73 8.72 5.94 3.02 3.02 2.99 2.93 2.93 2.93

69.5

2.93

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

PLACEMENT F	BAND 1945-2019		EXPEF	RIENCE BAN	D 1965-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	14,977,758 14,775,246 13,531,489 8,616,167 8,033,638 7,994,232 7,071,099 5,175,570 4,865,453 4,623,544	4,442 11,730 303 3,574 5,790 32,651 93,407 17,628 30,479 19,619	0.0003 0.0008 0.0000 0.0004 0.0007 0.0041 0.0132 0.0034 0.0063 0.0042	0.9997 0.9992 1.0000 0.9996 0.9993 0.9959 0.9868 0.9966 0.9937 0.9958	100.00 99.97 99.89 99.85 99.78 99.37 98.06 97.72 97.11
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	4,514,298 4,368,207 4,324,657 4,165,461 4,097,274 3,959,441 3,789,087 2,988,101 2,986,772 2,366,425	38,718 72,977 178,374 51,499 71,032 4,811 77,078 13,497 36,868 30,460	0.0086 0.0167 0.0412 0.0124 0.0173 0.0012 0.0203 0.0045 0.0123 0.0129	0.9914 0.9833 0.9588 0.9876 0.9827 0.9988 0.9797 0.9955 0.9877	96.70 95.87 94.27 90.38 89.26 87.71 87.61 85.82 85.44 84.38
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	2,196,371 2,068,449 1,533,314 1,420,139 1,410,750 1,225,294 1,149,428 1,200,369 1,166,470 988,915	53,906 95,583 40,790 30,513 221,263 4,520 17,246 33,547 37,809 5,827	0.0245 0.0462 0.0266 0.0215 0.1568 0.0037 0.0150 0.0279 0.0324 0.0059	0.9755 0.9538 0.9734 0.9785 0.8432 0.9963 0.9850 0.9721 0.9676 0.9941	83.30 81.25 77.50 75.44 73.81 62.24 62.01 61.08 59.37 57.45
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	980,266 966,600 951,641 909,491 859,006 838,521 811,408 800,496 662,621 660,423	5,910 14,959 36,528 46,256 9,504 5,232 5,222 29,606 2,198 21,470	0.0060 0.0155 0.0384 0.0509 0.0111 0.0062 0.0064 0.0370 0.0033 0.0325	0.9940 0.9845 0.9616 0.9491 0.9889 0.9938 0.9936 0.9630 0.9967 0.9675	57.11 56.76 55.88 53.74 51.01 50.44 50.13 49.80 47.96 47.80



ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE ORIGINAL LIFE TABLE, CONT.

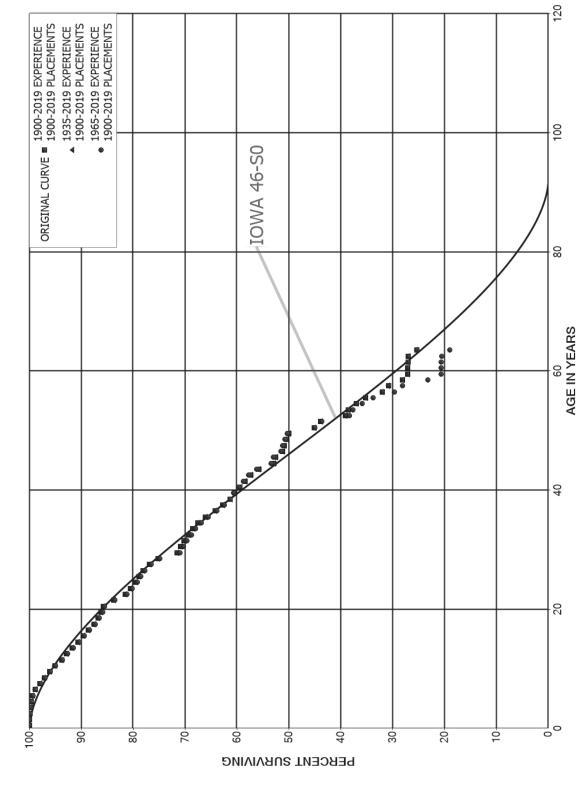
PLACEMENT BAND 1945-2019 EXPERIENCE BAND 1965-2019 EXPOSURES AT RETIREMENTS PCT SURV AGE AT DURING AGE BEGIN OF BEGINNING OF RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 632,813 30,325 0.0479 0.9521 46.25 40.5 0.0333 0.9667 598,031 19,914 44.03 41.5 22,209 0.9616 578,118 0.0384 42.57 10,221 42.5 556,405 0.0184 0.9816 40.93 43.5 541,647 15,439 0.0285 0.9715 40.18 44.5 530,687 65,045 0.1226 0.8774 39.03 45.5 461,392 35,895 0.0778 0.9222 34.25 46.5 58,722 0.1380 0.8620 425,403 31.59 11,191 0.9693 47.5 364,721 0.0307 27.23 48.5 350,364 3,072 0.0088 0.9912 26.39 49.5 348,894 16,796 0.0481 0.9519 26.16 50.5 307,134 974 0.0032 0.9968 24.90 51.5 278,062 24.82 4,966 0.0179 0.9821 52.5 237,478 6**,**552 0.0276 0.9724 24.38 53.5 230,925 216 0.0009 0.9991 23.70 179,917 54.5 18,367 0.1021 0.8979 23.68 55.5 154,873 673 0.0043 0.9957 21.26 56.5 95,311 49,507 0.5194 0.4806 21.17 1,881 0.0547 57.5 34,376 0.9453 10.18 240 0.0077 58.5 31,015 0.9923 9.62 59.5 22,558 1,509 0.0669 0.9331 9.54 60.5 21,049 42 0.0020 0.9980 8.91 0.3186 61.5 8,684 2,767 0.6814 8.89 62.5 3,756 0.4919 0.5081 1,848 6.06 63.5 1,495 0.0000 3.08 1.0000 64.5 1,495 15 0.0102 0.9898 3.08 65.5 21 0.0184 1,155 0.9816 3.05 66.5 711 0.0000 1.0000 2.99 67.5 711 0.0000 1.0000 2.99 711 0.0000 1.0000 68.5 2.99



69.5

2.99

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 380 SERVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 380 SERVICES

PLACEMENT BAND 1900-2019			EXPERIENCE BAND 1900-2019		
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	474,842,471	321,356	0.0007	0.9993	100.00
0.5	454,979,027	126,548	0.0003	0.9997	99.93
1.5	437,160,651	188,236	0.0004	0.9996	99.90
2.5	379,253,541	469,335	0.0012	0.9988	99.86
3.5	336,558,643	566,185	0.0017	0.9983	99.74
4.5	273,869,779	622,658	0.0023	0.9977	99.57
5.5	245,785,280	1,199,504	0.0049	0.9951	99.34
6.5	226,861,857	2,202,277	0.0097	0.9903	98.86
7.5	204,842,582	1,761,379	0.0086	0.9914	97.90
8.5	186,474,419	2,006,669	0.0108	0.9892	97.06
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	182,742,584 152,227,504 144,319,693 133,190,164 131,534,621 123,449,056 117,706,325 109,275,735 103,483,044 100,046,168	1,826,928 2,084,983 1,476,346 1,549,460 1,640,479 1,357,731 1,327,591 1,240,714 943,665 728,435	0.0100 0.0137 0.0102 0.0116 0.0125 0.0110 0.0113 0.0114 0.0091 0.0073	0.9900 0.9863 0.9898 0.9884 0.9875 0.9890 0.9887 0.9886 0.9909	96.01 95.05 93.75 92.79 91.71 90.57 89.57 88.56 87.56 86.76
19.5	91,982,921	452,773 1,901,481 2,071,929 926,218 774,865 573,656 548,089 814,905 955,169 1,956,053	0.0049	0.9951	86.13
20.5	83,330,337		0.0228	0.9772	85.70
21.5	78,077,563		0.0265	0.9735	83.75
22.5	72,313,692		0.0128	0.9872	81.52
23.5	66,719,383		0.0116	0.9884	80.48
24.5	62,055,936		0.0092	0.9908	79.55
25.5	58,113,936		0.0094	0.9906	78.81
26.5	51,714,121		0.0158	0.9842	78.07
27.5	45,406,095		0.0210	0.9790	76.84
28.5	39,840,595		0.0491	0.9509	75.22
29.5	34,828,285	334,064	0.0096	0.9904	71.53
30.5	31,872,240	318,398	0.0100	0.9900	70.84
31.5	28,746,430	325,990	0.0113	0.9887	70.13
32.5	25,761,724	319,821	0.0124	0.9876	69.34
33.5	23,502,319	336,374	0.0143	0.9857	68.48
34.5	21,620,470	469,584	0.0217	0.9783	67.50
35.5	19,716,122	552,518	0.0280	0.9720	66.03
36.5	17,928,373	406,832	0.0227	0.9773	64.18
37.5	16,477,579	380,772	0.0231	0.9769	62.72
38.5	14,942,850	205,848	0.0138	0.9862	61.28

ACCOUNT 380 SERVICES

PLACEMENT I	BAND 1900-2019		EXPERIENCE BAND 190		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	13,687,305 12,858,123 12,231,895 11,511,423 10,843,129 9,879,818 9,380,813 8,141,772 7,248,041 6,358,061	245,996 203,924 225,768 318,633 562,011 62,470 242,570 48,835 68,088 50,878	0.0180 0.0159 0.0185 0.0277 0.0518 0.0063 0.0259 0.0060 0.0094 0.0080	0.9820 0.9841 0.9815 0.9723 0.9482 0.9937 0.9741 0.9940 0.9906 0.9920	60.43 59.35 58.40 57.33 55.74 52.85 52.52 51.16 50.85 50.37
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	5,746,363 4,687,551 4,053,537 3,262,502 2,969,976 2,400,293 1,844,712 1,404,123 917,571 645,568	567,048 125,442 442,276 48,934 120,262 112,084 170,726 51,273 81,644 22,299	0.0987 0.0268 0.1091 0.0150 0.0405 0.0467 0.0925 0.0365 0.0890 0.0345	0.9013 0.9732 0.8909 0.9850 0.9595 0.9533 0.9075 0.9635 0.9110	49.97 45.04 43.83 39.05 38.47 36.91 35.18 31.93 30.76 28.03
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	610,240 603,007 561,613 559,721 514,101 498,474 482,086 474,499 472,603 458,499	693 752 1,892 32,986 2,581 8,471 2,605 117 1,016 6,247	0.0011 0.0012 0.0034 0.0589 0.0050 0.0170 0.0054 0.0002 0.0021 0.0136	0.9989 0.9988 0.9966 0.9411 0.9950 0.9830 0.9946 0.9998 0.9979	27.06 27.03 26.99 26.90 25.32 25.19 24.76 24.63 24.62 24.57
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	450,228 449,897 449,799 448,174 448,174 447,127 443,493 443,493 443,493	1,161 1,048 3,634	0.0000 0.0000 0.0026 0.0000 0.0023 0.0081 0.0000 0.0000 0.0000	1.0000 1.0000 0.9974 1.0000 0.9977 0.9919 1.0000 1.0000	24.23 24.23 24.23 24.17 24.17 24.11 23.92 23.92 23.92 23.92

ACCOUNT 380 SERVICES

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	443,493 443,493 443,493 443,493 443,493 442,852 442,852 442,852	641	0.0000 0.0000 0.0000 0.0000 0.0014 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9986 1.0000 1.0000 1.0000	23.92 23.92 23.92 23.92 23.92 23.92 23.88 23.88 23.88
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	442,852 442,732 442,732 442,732 442,732 442,732 442,732 110,392 110,392 110,392	120 332,340	0.0003 0.0000 0.0000 0.0000 0.0000 0.7507 0.0000 0.0000	0.9997 1.0000 1.0000 1.0000 1.0000 0.2493 1.0000 1.0000	23.88 23.88 23.88 23.88 23.88 23.88 23.88 5.95 5.95
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5 108.5	110,392 110,278 109,987 109,817 109,720 109,696 109,487 105,244	114 291 170 96 25 209 4,243	0.0010 0.0026 0.0015 0.0009 0.0002 0.0000 0.0019 0.0388 0.0000 0.9863	0.9990 0.9974 0.9985 0.9991 0.9998 1.0000 0.9981 0.9612 1.0000 0.0137	5.95 5.95 5.93 5.92 5.92 5.92 5.92 5.90 5.68 5.68
109.5 110.5	1,444	1,444	1.0000		0.08

ACCOUNT 380 SERVICES

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1935-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	473,586,525 453,723,081 435,904,705 377,997,595 335,302,697 272,613,833 244,529,334 225,605,911 203,586,636 185,218,473	321,356 126,548 188,236 469,335 566,185 622,658 1,199,504 2,202,277 1,761,379 2,006,669	0.0007 0.0003 0.0004 0.0012 0.0017 0.0023 0.0049 0.0098 0.0087 0.0108	0.9993 0.9997 0.9996 0.9988 0.9983 0.9977 0.9951 0.9902 0.9913 0.9892	100.00 99.93 99.90 99.86 99.74 99.57 99.34 98.85 97.89
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	182,073,433 151,558,353 143,650,542 132,521,013 130,865,470 122,779,905 117,037,174 108,606,584 102,813,893 99,377,017	1,826,928 2,084,983 1,476,346 1,549,460 1,640,479 1,357,731 1,327,591 1,240,714 943,665 728,435	0.0100 0.0138 0.0103 0.0117 0.0125 0.0111 0.0113 0.0114 0.0092 0.0073	0.9900 0.9862 0.9897 0.9883 0.9875 0.9889 0.9887 0.9886 0.9908	95.99 95.03 93.72 92.76 91.67 90.52 89.52 88.51 87.50 86.69
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	91,529,833 82,877,249 77,624,475 71,860,604 66,266,295 61,602,848 57,660,848 51,261,033 44,953,007 39,387,507	452,773 1,901,481 2,071,929 926,218 774,865 573,656 548,089 814,905 955,169 1,956,053	0.0049 0.0229 0.0267 0.0129 0.0117 0.0093 0.0095 0.0159 0.0212 0.0497	0.9951 0.9771 0.9733 0.9871 0.9883 0.9907 0.9905 0.9841 0.9788 0.9503	86.06 85.63 83.67 81.43 80.38 79.44 78.70 77.96 76.72 75.09
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	34,715,694 31,759,649 28,633,839 25,649,133 23,389,728 21,620,470 19,716,122 17,928,373 16,477,579 14,942,850	334,064 318,398 325,990 319,821 336,374 469,584 552,518 406,832 380,772 205,848	0.0096 0.0100 0.0114 0.0125 0.0144 0.0217 0.0280 0.0227 0.0231 0.0138	0.9904 0.9900 0.9886 0.9875 0.9856 0.9783 0.9720 0.9773 0.9769 0.9862	71.36 70.67 69.96 69.17 68.30 67.32 65.86 64.01 62.56 61.12

ACCOUNT 380 SERVICES

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	13,687,305 12,858,123 12,231,895 11,511,423 10,843,129 9,879,818 9,380,813 8,141,772 7,248,041 6,358,061	245,996 203,924 225,768 318,633 562,011 62,470 242,570 48,835 68,088 50,878	0.0180 0.0159 0.0185 0.0277 0.0518 0.0063 0.0259 0.0060 0.0094 0.0080	0.9820 0.9841 0.9815 0.9723 0.9482 0.9937 0.9741 0.9940 0.9906 0.9920	60.27 59.19 58.25 57.18 55.59 52.71 52.38 51.02 50.72 50.24
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	5,746,363 4,687,551 4,053,537 3,262,502 2,969,976 2,400,293 1,844,712 1,404,123 917,571 645,568	567,048 125,442 442,276 48,934 120,262 112,084 170,726 51,273 81,644 22,299	0.0987 0.0268 0.1091 0.0150 0.0405 0.0467 0.0925 0.0365 0.0890 0.0345	0.9013 0.9732 0.8909 0.9850 0.9595 0.9533 0.9075 0.9635 0.9110	49.84 44.92 43.72 38.95 38.37 36.81 35.09 31.84 30.68 27.95
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	610,240 603,007 561,613 559,721 514,101 498,474 482,086 474,499 472,603 458,499	693 752 1,892 32,986 2,581 8,471 2,605 117 1,016 6,247	0.0011 0.0012 0.0034 0.0589 0.0050 0.0170 0.0054 0.0002 0.0021 0.0136	0.9989 0.9988 0.9966 0.9411 0.9950 0.9830 0.9946 0.9998 0.9979	26.99 26.96 26.92 26.83 25.25 25.12 24.70 24.56 24.56 24.50
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	450,228 449,897 449,799 448,174 448,174 447,127 443,493 443,493 443,493	1,161 1,048 3,634	0.0000 0.0000 0.0026 0.0000 0.0023 0.0081 0.0000 0.0000 0.0000	1.0000 1.0000 0.9974 1.0000 0.9977 0.9919 1.0000 1.0000	24.17 24.17 24.17 24.11 24.11 24.05 23.86 23.86 23.86 23.86

ACCOUNT 380 SERVICES

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	443,493 443,493 443,493 443,493 443,493 442,852 442,852 442,852	641	0.0000 0.0000 0.0000 0.0000 0.0000 0.0014 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9986 1.0000 1.0000 1.0000	23.86 23.86 23.86 23.86 23.86 23.86 23.82 23.82 23.82 23.82
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	442,852 442,732 442,732 442,732 442,732 442,732 442,732 110,392 110,392 110,392	120 332,340	0.0003 0.0000 0.0000 0.0000 0.0000 0.7507 0.0000 0.0000	0.9997 1.0000 1.0000 1.0000 1.0000 0.2493 1.0000 1.0000	23.82 23.82 23.82 23.82 23.82 23.82 23.82 5.94 5.94
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	110,392 110,278 109,987 109,817 109,720 109,696 109,487 105,244	114 291 170 96 25 209 4,243	0.0010 0.0026 0.0015 0.0009 0.0002 0.0000 0.0019 0.0388 0.0000 0.9863	0.9990 0.9974 0.9985 0.9991 0.9998 1.0000 0.9981 0.9612 1.0000 0.0137	5.94 5.93 5.92 5.91 5.90 5.90 5.89 5.66 5.66
109.5 110.5	1,444	1,444	1.0000		0.08

ACCOUNT 380 SERVICES

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1965-2019
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	464,555,039	321,356	0.0007	0.9993	100.00
0.5	445,542,645	126,548	0.0003	0.9997	99.93
1.5	428,611,565	188,236	0.0004	0.9996	99.90
2.5	371,465,323	469,335	0.0013	0.9987	99.86
3.5	329,486,892	566,185	0.0017	0.9983	99.73
4.5	267,559,829	622,658	0.0023	0.9977	99.56
5.5	240,283,120	1,199,504	0.0050	0.9950	99.33
6.5	221,942,724	2,202,277	0.0099	0.9901	98.83
7.5	200,411,844	1,761,379	0.0088	0.9912	97.85
8.5	182,885,786	2,006,669	0.0110	0.9890	96.99
9.5	179,635,933	1,826,928 2,084,983 1,476,346 1,549,460 1,640,479 1,357,731 1,327,591 1,240,714 943,665 728,435	0.0102	0.9898	95.93
10.5	149,508,869		0.0139	0.9861	94.95
11.5	141,775,657		0.0104	0.9896	93.63
12.5	130,818,076		0.0118	0.9882	92.65
13.5	129,362,177		0.0127	0.9873	91.56
14.5	121,425,007		0.0112	0.9888	90.40
15.5	115,799,369		0.0115	0.9885	89.38
16.5	107,490,215		0.0115	0.9885	88.36
17.5	101,787,481		0.0093	0.9907	87.34
18.5	98,407,434		0.0074	0.9926	86.53
19.5	90,366,024	452,773 1,901,481 2,071,929 926,218 764,926 566,642 543,789 810,344 955,169 1,956,053	0.0050	0.9950	85.89
20.5	81,725,111		0.0233	0.9767	85.46
21.5	76,488,513		0.0271	0.9729	83.47
22.5	70,763,495		0.0131	0.9869	81.21
23.5	65,227,452		0.0117	0.9883	80.15
24.5	60,616,412		0.0093	0.9907	79.21
25.5	56,714,289		0.0096	0.9904	78.47
26.5	50,350,432		0.0161	0.9839	77.71
27.5	44,076,418		0.0217	0.9783	76.46
28.5	38,529,640		0.0508	0.9492	74.81
29.5	33,598,153 30,643,742 27,522,489 24,543,103 22,290,256 20,412,572 18,566,480 16,834,722 15,430,171 13,984,960	332,430	0.0099	0.9901	71.01
30.5		313,841	0.0102	0.9898	70.31
31.5		320,670	0.0117	0.9883	69.59
32.5		313,263	0.0128	0.9872	68.78
33.5		332,209	0.0149	0.9851	67.90
34.5		411,328	0.0202	0.9798	66.89
35.5		496,527	0.0267	0.9733	65.54
36.5		360,589	0.0214	0.9786	63.79
37.5		291,254	0.0189	0.9811	62.42
38.5		137,541	0.0098	0.9902	61.24

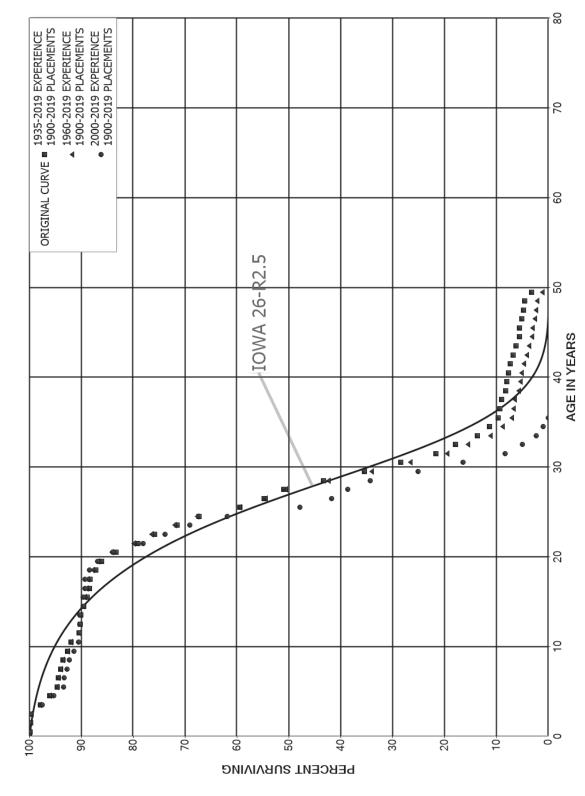
ACCOUNT 380 SERVICES

PLACEMENT I	BAND 1900-2019		EXPER	RIENCE BAN	D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	13,105,971 12,292,725 11,693,666 10,991,040 10,354,399 9,432,747 8,933,742 7,694,701 6,800,970 5,910,990	230,060 176,755 207,922 286,980 520,352 62,470 242,570 48,835 68,088 50,878	0.0176 0.0144 0.0178 0.0261 0.0503 0.0066 0.0272 0.0063 0.0100 0.0086	0.9824 0.9856 0.9822 0.9739 0.9497 0.9934 0.9728 0.9937 0.9900 0.9914	60.64 59.57 58.72 57.67 56.17 53.34 52.99 51.55 51.23 50.71
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	5,302,870 4,244,058 3,610,044 2,819,009 2,526,483 1,956,800 1,401,219 960,630 474,078 202,075	567,048 125,442 442,276 48,934 120,262 112,084 170,726 51,273 81,644 22,299	0.1069 0.0296 0.1225 0.0174 0.0476 0.0573 0.1218 0.0534 0.1722 0.1103	0.8931 0.9704 0.8775 0.9826 0.9524 0.9427 0.8782 0.9466 0.8278 0.8897	50.28 44.90 43.57 38.23 37.57 35.78 33.73 29.62 28.04 23.21
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	499,728 492,495 451,101 449,209 403,589 498,474 482,086 474,499 472,603 458,499	693 752 1,892 32,986 2,581 8,471 2,605 117 1,016 6,247	0.0014 0.0015 0.0042 0.0734 0.0064 0.0170 0.0054 0.0002 0.0021 0.0136	0.9986 0.9985 0.9958 0.9266 0.9936 0.9830 0.9946 0.9998 0.9979	20.65 20.62 20.59 20.50 19.00 18.88 18.56 18.46 18.45
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	450,228 449,897 449,799 448,174 448,174 447,127 443,493 443,493 443,493	1,161 1,048 3,634	0.0000 0.0000 0.0026 0.0000 0.0023 0.0081 0.0000 0.0000 0.0000	1.0000 1.0000 0.9974 1.0000 0.9977 0.9919 1.0000 1.0000	18.16 18.16 18.11 18.11 18.07 17.93 17.93 17.93

ACCOUNT 380 SERVICES

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5	443,493 443,493 443,493 443,493 443,493 442,852 442,852 442,852	641	0.0000 0.0000 0.0000 0.0000 0.0014 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9986 1.0000 1.0000 1.0000	17.93 17.93 17.93 17.93 17.93 17.90 17.90 17.90 17.90
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	442,852 442,732 442,732 442,732 442,732 442,732 442,732 110,392 110,392 110,392	120 332,340	0.0003 0.0000 0.0000 0.0000 0.0000 0.7507 0.0000 0.0000	0.9997 1.0000 1.0000 1.0000 1.0000 0.2493 1.0000 1.0000	17.90 17.89 17.89 17.89 17.89 17.89 17.89 4.46 4.46 4.46
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	110,392 110,278 109,987 109,817 109,720 109,696 109,696 109,487 105,244	114 291 170 96 25 209 4,243	0.0010 0.0026 0.0015 0.0009 0.0002 0.0000 0.0019 0.0388 0.0000 0.9863	0.9990 0.9974 0.9985 0.9991 0.9998 1.0000 0.9981 0.9612 1.0000 0.0137	4.46 4.45 4.44 4.43 4.43 4.43 4.43 4.25 4.25
109.5 110.5	1,444	1,444	1.0000		0.06

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 381 METERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 381 METERS

PLACEMENT H	BAND 1900-2019		EXPE	RIENCE BAN	D 1935-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	84,949,888 81,282,638 70,410,600 64,366,911 60,689,783 57,300,714 54,316,606 52,089,384 49,457,572 45,607,135	161,980 33,451 123,254 1,119,013 1,138,609 865,793 79,871 282,031 201,425 435,871	0.0019 0.0004 0.0018 0.0174 0.0188 0.0151 0.0015 0.0054 0.0041 0.0096	0.9981 0.9996 0.9982 0.9826 0.9812 0.9849 0.9985 0.9946 0.9959 0.9904	100.00 99.81 99.77 99.59 97.86 96.03 94.58 94.44 93.92 93.54
9.5	44,194,998	353,941	0.0080	0.9920	92.65
10.5	40,006,266	662,267	0.0166	0.9834	91.91
11.5	39,098,097	71,019	0.0018	0.9982	90.38
12.5	37,911,427	65,130	0.0017	0.9983	90.22
13.5	32,380,818	206,856	0.0064	0.9936	90.07
14.5	32,184,568	233,958	0.0073	0.9927	89.49
15.5	31,504,350	151,402	0.0048	0.9952	88.84
16.5	26,508,546	53,725	0.0020	0.9980	88.41
17.5	26,184,935	303,980	0.0116	0.9884	88.23
18.5	21,508,983	282,252	0.0131	0.9869	87.21
19.5	20,399,073	650,935	0.0319	0.9681	86.07
20.5	19,201,147	975,899	0.0508	0.9492	83.32
21.5	17,820,958	738,552	0.0414	0.9586	79.08
22.5	15,671,581	890,415	0.0568	0.9432	75.81
23.5	13,540,847	790,460	0.0584	0.9416	71.50
24.5	12,060,343	1,419,219	0.1177	0.8823	67.33
25.5	9,537,408	757,172	0.0794	0.9206	59.40
26.5	8,572,431	584,346	0.0682	0.9318	54.69
27.5	8,015,016	1,215,392	0.1516	0.8484	50.96
28.5	6,822,206	1,243,779	0.1823	0.8177	43.23
29.5	5,605,254	1,099,068 1,083,268 600,593 686,067 370,729 303,260 56,341 46,104 142,757 47,801	0.1961	0.8039	35.35
30.5	4,521,581		0.2396	0.7604	28.42
31.5	3,454,481		0.1739	0.8261	21.61
32.5	2,870,414		0.2390	0.7610	17.85
33.5	2,207,984		0.1679	0.8321	13.59
34.5	1,991,615		0.1523	0.8477	11.30
35.5	1,688,355		0.0334	0.9666	9.58
36.5	1,632,014		0.0282	0.9718	9.26
37.5	1,585,910		0.0900	0.9100	9.00
38.5	1,443,153		0.0331	0.9669	8.19

ACCOUNT 381 METERS

PLACEMENT 1	BAND 1900-2019		EXPE	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,395,352 1,341,683 1,277,173 1,177,090 1,095,956 978,657 963,283 891,562 841,815 793,788	53,669 64,510 100,083 81,134 117,299 15,374 71,721 49,747 48,027 231,683	0.0571	0.9615 0.9519 0.9216 0.9311 0.8930 0.9843 0.9255 0.9442 0.9429 0.7081	7.92 7.62 7.25 6.68 6.22 5.56 5.47 5.06 4.78 4.51
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	562,105 556,404 554,676 551,175 549,585 546,204 542,875 541,169 539,475 534,479	5,701 1,728 3,501 1,590 3,381 3,329 1,706 1,694 4,996 1,840		0.9899 0.9969 0.9937 0.9971 0.9938 0.9939 0.9969 0.9969	3.19 3.16 3.15 3.13 3.12 3.10 3.08 3.07 3.06 3.03
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	532,639 528,624 526,965 526,965 525,434 523,913 523,913 522,420 519,431 517,912	4,015 1,659 1,531 1,521 1,493 2,989 1,519 36,990	0.0075 0.0031 0.0000 0.0029 0.0029 0.0000 0.0028 0.0057 0.0029 0.0714	0.9925 0.9969 1.0000 0.9971 0.9971 1.0000 0.9972 0.9943 0.9971 0.9286	3.02 3.00 2.99 2.99 2.98 2.97 2.97 2.97 2.95 2.94
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	480,922 475,099 470,412 467,580 464,790 462,021 453,554 450,825 449,587	5,823 4,687 2,832 2,790 2,769 8,467 2,729 1,238	0.0121 0.0099 0.0060 0.0060 0.0060 0.0183 0.0060 0.0027 0.0000 0.0111	0.9879 0.9901 0.9940 0.9940 0.9940 0.9817 0.9940 0.9973 1.0000 0.9889	2.73 2.70 2.67 2.65 2.64 2.62 2.57 2.56 2.55 2.55

ACCOUNT 381 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1935-2019 RETIREMENTS PCT SURV AGE AT EXPOSURES AT BEGINNING OF DURING AGE BEGIN OF RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 2.52 79.5 444,598 0.0027 1,182 0.9973 80.5 443,416 4,053 0.0091 0.9909 2.52 81.5 439,363 1,124 0.0026 0.9974 2.49 82.5 438,239 1,102 0.0025 0.9975 2.49 83.5 437,137 5,511 0.0126 0.9874 2.48 84.5 431,626 0.0000 1.0000 2.45 85.5 431,626 0.0000 1.0000 2.45 86.5 431,626 40,263 0.0933 0.9067 2.45 21,748 391,363 87.5 0.0556 0.9444 2.22 13,831 88.5 369,615 0.0374 0.9626 2.10 89.5 355,784 23,837 0.0670 0.9330 2.02 90.5 331,947 20,902 0.0630 0.9370 1.88 91.5 311,045 18,799 0.0604 0.9396 1.77 26,930 92.5 292,246 0.0921 0.9079 1.66 93.5 265,316 22,582 0.0851 0.9149 1.51 242,734 94.5 21,999 0.0906 0.9094 1.38 95.5 220,735 15,395 0.0697 0.9303 1.25 96.5 205,340 16,168 0.0787 0.9213 1.17 97.5 189,172 16,526 0.0874 0.9126 1.07 23,637 0.1369 0.98 98.5 0.8631 172,646 99.5 149,009 149,009 1.0000 0.85 100.5

ACCOUNT 381 METERS

PLACEMENT H	BAND 1900-2019		EXPE	RIENCE BAN	D 1960-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	82,620,833 79,199,543 68,479,163 62,744,327 59,445,313 56,292,288 53,422,484 51,243,896 48,654,565 44,776,613	161,980 33,451 123,254 1,104,646 1,138,609 865,793 79,871 282,031 201,425 435,871	0.0020 0.0004 0.0018 0.0176 0.0192 0.0154 0.0015 0.0055 0.0041	0.9980 0.9996 0.9982 0.9824 0.9808 0.9846 0.9985 0.9945 0.9959 0.9903	100.00 99.80 99.76 99.58 97.83 95.96 94.48 94.34 93.82 93.43
9.5	43,411,579 39,199,923 38,307,640 37,190,859 31,705,394 31,519,822 30,935,695 25,973,724 25,660,366 20,999,325	334,526	0.0077	0.9923	92.52
10.5		646,516	0.0165	0.9835	91.81
11.5		71,019	0.0019	0.9981	90.29
12.5		19,491	0.0005	0.9995	90.13
13.5		192,849	0.0061	0.9939	90.08
14.5		139,553	0.0044	0.9956	89.53
15.5		119,928	0.0039	0.9961	89.13
16.5		46,846	0.0018	0.9982	88.79
17.5		292,464	0.0114	0.9886	88.63
18.5		252,538	0.0120	0.9880	87.62
19.5	19,914,624 18,775,243 17,355,251 15,226,313 13,089,943 11,585,602 9,043,296 8,061,331 7,479,266 6,268,590	591,287	0.0297	0.9703	86.57
20.5		963,155	0.0513	0.9487	84.00
21.5		738,552	0.0426	0.9574	79.69
22.5		883,879	0.0580	0.9420	76.30
23.5		790,460	0.0604	0.9396	71.87
24.5		1,419,219	0.1225	0.8775	67.53
25.5		756,882	0.0837	0.9163	59.25
26.5		582,066	0.0722	0.9278	54.30
27.5		1,212,169	0.1621	0.8379	50.37
28.5		1,242,473	0.1982	0.8018	42.21
29.5	5,027,581 3,993,431 2,913,552 2,388,872 1,754,704 1,458,522 1,203,046 1,168,020 1,125,955 985,927	1,099,068	0.2186	0.7814	33.84
30.5		1,082,856	0.2712	0.7288	26.45
31.5		599,761	0.2059	0.7941	19.27
32.5		685,933	0.2871	0.7129	15.31
33.5		370,588	0.2112	0.7888	10.91
34.5		302,623	0.2075	0.7925	8.61
35.5		56,341	0.0468	0.9532	6.82
36.5		46,104	0.0395	0.9605	6.50
37.5		142,757	0.1268	0.8732	6.25
38.5		47,801	0.0485	0.9515	5.45

ACCOUNT 381 METERS

PLACEMENT	BAND 1900-2019		EXPE	RIENCE BAN	D 1960-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	939,364 885,778 822,763 723,894 645,362 530,776 516,504 490,557 462,558 428,362	53,586 64,226 100,051 81,078 117,217 15,374 71,721 49,747 48,027 231,683		0.9430 0.9275 0.8784 0.8880 0.8184 0.9710 0.8611 0.8986 0.8962 0.4591	5.19 4.89 4.54 3.99 3.54 2.90 2.81 2.42 2.18 1.95
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	220,516 235,717 252,788 276,217 297,209 320,572 332,638 347,100 361,932 380,573	5,701 1,728 3,501 1,590 3,381 3,329 1,706 1,694 4,996 1,840	0.0259 0.0073 0.0138 0.0058 0.0114 0.0104 0.0051 0.0049 0.0138 0.0048	0.9741 0.9927 0.9862 0.9942 0.9886 0.9896 0.9949 0.9951 0.9862 0.9952	0.90 0.87 0.85 0.85 0.84 0.83 0.83 0.82
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	532,639 528,624 526,965 526,965 525,434 523,913 523,913 522,420 519,431 517,912	4,015 1,659 1,531 1,521 1,493 2,989 1,519 36,990	0.0075 0.0031 0.0000 0.0029 0.0029 0.0000 0.0028 0.0057 0.0029 0.0714	0.9925 0.9969 1.0000 0.9971 0.9971 1.0000 0.9972 0.9943 0.9971 0.9286	0.81 0.80 0.80 0.80 0.79 0.79 0.79 0.79
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	480,922 475,099 470,412 467,580 464,790 462,021 453,554 450,825 449,587	5,823 4,687 2,832 2,790 2,769 8,467 2,729 1,238	0.0121 0.0099 0.0060 0.0060 0.0060 0.0183 0.0060 0.0027 0.0000 0.0111	0.9879 0.9901 0.9940 0.9940 0.9817 0.9940 0.9973 1.0000 0.9889	0.73 0.72 0.71 0.71 0.70 0.70 0.69 0.68 0.68

ACCOUNT 381 METERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2019 EXPERIENCE BAND 1960-2019 RETIREMENTS PCT SURV AGE AT EXPOSURES AT BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 444,598 0.0027 1,182 0.9973 0.67 80.5 443,416 4,053 0.0091 0.9909 0.67 81.5 439,363 1,124 0.0026 0.9974 0.67 82.5 438,239 1,102 0.0025 0.9975 0.66 83.5 437,137 5,511 0.0126 0.9874 0.66 84.5 431,626 0.0000 1.0000 0.65 85.5 431,626 0.0000 1.0000 0.65 86.5 431,626 40,263 0.0933 0.9067 0.65 21,748 391,363 87.5 0.0556 0.9444 0.59 13,831 88.5 369,615 0.0374 0.9626 0.56 89.5 355,784 23,837 0.0670 0.9330 0.54 90.5 331,947 20,902 0.0630 0.9370 0.50 91.5 311,045 18,799 0.0604 0.9396 0.47 26,930 92.5 292,246 0.0921 0.9079 0.44 93.5 265,316 22,582 0.0851 0.9149 0.40 242,734 94.5 21,999 0.0906 0.9094 0.37 95.5 220,735 15,395 0.0697 0.9303 0.33 96.5 205,340 16,168 0.0787 0.9213 0.31 97.5 189,172 16,526 0.0874 0.29 0.9126 23,637 0.1369 98.5 0.8631 172,646 0.26 99.5 0.23 149,009 149,009 1.0000 100.5

ACCOUNT 381 METERS

PLACEMENT :	BAND 1900-2019		EXPER	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	61,125,994 59,466,396 49,626,180 45,462,094 43,798,287 41,670,671 40,377,292 39,614,608 37,557,994 33,803,652	29,347 33,748 1,094,165 1,010,094 816,736 41,844 250,905 171,801 330,589	0.0000 0.0005 0.0007 0.0241 0.0231 0.0196 0.0010 0.0063 0.0046 0.0098	1.0000 0.9995 0.9993 0.9759 0.9769 0.9804 0.9990 0.9937 0.9954 0.9902	100.00 100.00 99.95 99.88 97.48 95.23 93.36 93.27 92.68 92.25
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	32,687,834 28,611,683 28,534,261 27,736,708 23,016,034 23,254,805 22,910,248 18,179,632 18,123,257 13,689,257	320,353 4,070 51,365 312 166,849 4,189 75,293 5,071 183,981 242,129	0.0098 0.0001 0.0018 0.0000 0.0072 0.0002 0.0033 0.0003 0.0102 0.0177	0.9902 0.9999 0.9982 1.0000 0.9928 0.9998 0.9967 0.9997 0.9898 0.9823	91.35 90.46 90.44 90.28 90.28 89.62 89.61 89.31 89.29 88.38
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	13,172,634 12,298,075 11,166,831 9,246,117 7,527,305 6,155,982 3,688,280 3,235,704 3,347,048 3,378,696	438,490 851,707 606,330 605,706 780,712 1,396,799 472,878 239,746 374,955 908,649	0.0333 0.0693 0.0543 0.0655 0.1037 0.2269 0.1282 0.0741 0.1120 0.2689	0.9667 0.9307 0.9457 0.9345 0.8963 0.7731 0.8718 0.9259 0.8880 0.7311	86.82 83.93 78.12 73.87 69.04 61.88 47.84 41.70 38.61 34.29
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,848,369 2,141,000 1,297,326 1,068,538 484,494 207,206 31,081 45,508 45,508	984,657 1,065,307 522,258 584,044 277,288 207,206	0.3457 0.4976 0.4026 0.5466 0.5723 1.0000 0.0000 0.3170 0.3170	0.6543 0.5024 0.5974 0.4534 0.4277	25.07 16.40 8.24 4.92 2.23 0.95

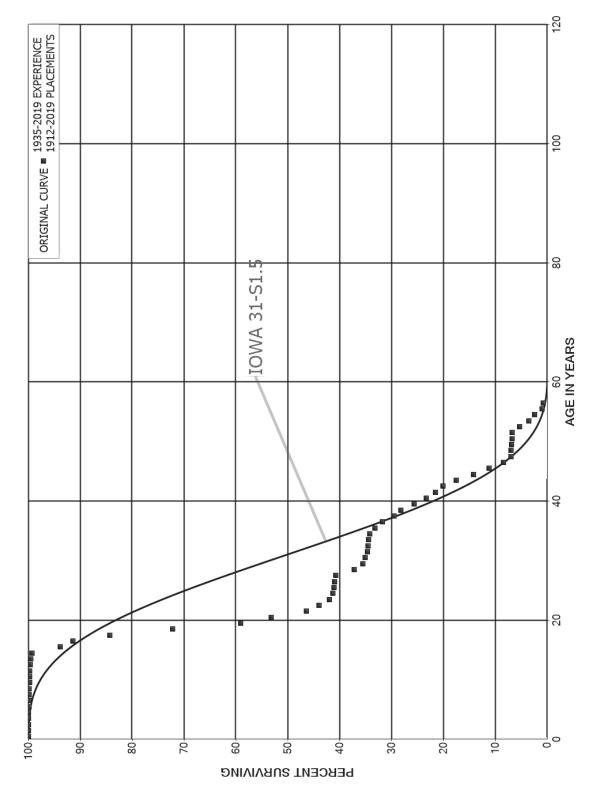
ACCOUNT 381 METERS

PLACEMENT E	BAND 1900-2019		EXPER	IENCE BAN	D 2000-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5	31,081	31,081	1.0000		
42.5 43.5 44.5 45.5 46.5 47.5 48.5	9,412 50,853 50,853 50,853 41,441	9,412 41,441	0.0000 0.0000 0.0000 0.1851 1.0000		
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	461 4,196 4,196 4,196 4,196 461	3,735	0.0000 0.0000 0.0000 0.0000 0.8901 0.0000		
59.5 60.5 61.5	461	461	1.0000		
62.5 63.5 64.5 65.5 66.5 67.5 68.5	35,532 35,532 35,532 35,532 35,532 35,532 35,532	35, 532	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000		
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5					

ACCOUNT 381 METERS

PLACEMENT E	BAND 1900-2019		EXPER	IENCE BAN	D 2000-2019
BEGIN OF	EXPOSURES AT BEGINNING OF AGE INTERVAL		RETMT RATIO		
79.5 80.5 81.5 82.5 83.5 84.5 85.5					
86.5 87.5 88.5	40,263 21,748 13,831	40,263 21,748 13,831	1.0000		
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5	23,837 20,902 18,799 26,930 22,582 20,880 15,395 16,168 16,526 23,637	23,837 20,902 18,799 26,930 22,582 20,880 15,395 16,168 16,526 23,637	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000		
99.5 100.5	149,009	149,009	1.0000		

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 383 HOUSE REGULATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 383 HOUSE REGULATORS

PLACEMENT H	BAND 1912-2019		EXPE	RIENCE BAN	D 1935-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	32,047,908 31,724,274 31,447,742 30,694,540 30,086,393 29,296,029 28,588,231 28,572,217 26,756,103 20,806,711	771 885 2,691 3,124 20,273 8,389 16,014 9,478 1,574 7,339	0.0000 0.0000 0.0001 0.0001 0.0007 0.0003 0.0006 0.0003 0.0001	1.0000 1.0000 0.9999 0.9999 0.9993 0.9997 0.9997 0.9999 0.9999	100.00 100.00 99.99 99.99 99.98 99.91 99.88 99.82 99.79
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	16,258,992 14,448,661 11,651,493 10,460,172 6,656,757 6,560,753 6,183,690 3,963,482 3,651,371 3,130,681	9,597 10,544 6,012 15,581 358,594 160,837 312,111 520,689 568,413	0.0000 0.0007 0.0009 0.0006 0.0023 0.0547 0.0260 0.0787 0.1426 0.1816	1.0000 0.9993 0.9991 0.9994 0.9977 0.9453 0.9740 0.9213 0.8574 0.8184	99.75 99.75 99.68 99.59 99.54 99.30 93.88 91.43 84.23 72.22
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	2,562,268 2,309,237 1,930,210 1,825,472 1,742,985 1,715,907 1,708,895 1,700,787 1,695,451 1,546,159	258,322 291,119 104,738 83,670 27,078 7,012 8,108 5,336 149,292 67,741	0.1008 0.1261 0.0543 0.0458 0.0155 0.0041 0.0047 0.0031 0.0881 0.0438	0.8992 0.8739 0.9457 0.9542 0.9845 0.9959 0.9953 0.9969 0.9119 0.9562	59.11 53.15 46.45 43.93 41.92 41.26 41.10 40.90 40.77 37.18
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	1,478,418 1,457,813 1,441,227 1,435,401 1,429,255 1,420,429 1,381,646 1,318,859 1,227,913 1,171,469	20,605 16,586 5,826 6,146 8,826 38,783 62,787 90,946 56,444 104,902	0.0139 0.0114 0.0040 0.0043 0.0062 0.0273 0.0454 0.0690 0.0460 0.0895	0.9861 0.9886 0.9960 0.9957 0.9938 0.9727 0.9546 0.9310 0.9540 0.9105	35.55 35.06 34.66 34.52 34.37 34.16 33.23 31.72 29.53 28.17

ACCOUNT 383 HOUSE REGULATORS

PLACEMENT E	BAND 1912-2019		EXPEF	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,066,566 969,741 895,305 836,565 730,195 588,420 464,847 346,873 290,257	96,825 74,436 58,740 106,369 141,776 123,572 117,974 56,616	0.0908 0.0768 0.0656 0.1272 0.1942 0.2100 0.2538 0.1632 0.0000 0.0196	0.9092 0.9232 0.9344 0.8728 0.8058 0.7900 0.7462 0.8368 1.0000 0.9804	25.65 23.32 21.53 20.12 17.56 14.15 11.18 8.34 6.98 6.98
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	284,558 278,988 278,749 220,225 143,537 98,430 40,930 29,206 18,390 15,421	5,571 239 58,524 76,688 45,107 57,500 11,724 10,816 2,969 632	0.0196 0.0009 0.2100 0.3482 0.3143 0.5842 0.2864 0.3703 0.1614 0.0410	0.9804 0.9991 0.7900 0.6518 0.6857 0.4158 0.7136 0.6297 0.8386 0.9590	6.84 6.71 6.70 5.30 3.45 2.37 0.98 0.70 0.44 0.37
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	14,789 13,325 12,524 11,297 9,578 9,299 8,623 7,546 7,333 6,265	1,464 801 1,227 1,719 279 676 1,077 213 1,068 979	0.0990 0.0601 0.0980 0.1522 0.0291 0.0727 0.1249 0.0282 0.1456 0.1563	0.9010 0.9399 0.9020 0.8478 0.9709 0.9273 0.8751 0.9718 0.8544 0.8437	0.36 0.32 0.30 0.27 0.23 0.22 0.21 0.18 0.18
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	5,286 4,254 3,858 3,858 3,858 3,858 2,756 2,303 2,303 2,303	1,032 396 1,102 453	0.1952 0.0931 0.0000 0.0000 0.0000 0.2856 0.1644 0.0000 0.0000	0.8048 0.9069 1.0000 1.0000 0.7144 0.8356 1.0000 1.0000	0.13 0.10 0.09 0.09 0.09 0.09 0.07 0.06 0.06

ACCOUNT 383 HOUSE REGULATORS

PLACEMENT 1	BAND 1912-2019		EXPE	RIENCE BAN	D 1935-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	2,303 2,303 2,303 2,303 2,303 2,303 1,639 1,381 1,381	664 258	0.0000 0.0000 0.0000 0.0000 0.0000 0.2883 0.1574 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.7117 0.8426 1.0000 1.0000	0.06 0.06 0.06 0.06 0.06 0.04 0.03 0.03
89.5 90.5 91.5 92.5 93.5 94.5 95.5	1,381 1,381 1,381 1,381 607 607	774 607	0.0000 0.0000 0.0000 0.5605 0.0000 1.0000	1.0000 1.0000 1.0000 0.4395 1.0000	0.03 0.03 0.03 0.03 0.01 0.01

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

ORIGINAL CURVE = 1957-2019 EXPERIENCE 1957-2019 PLACEMENTS ACCOUNT 385 INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT **IOWA 45-S1** ORIGINAL AND SMOOTH SURVIVOR CURVES

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100

AGE IN YEARS

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РЕВСЕИТ ЗИВУІУІИ

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30

ACCOUNT 385 INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT

PLACEMENT	BAND 1957-2019		EXPE	RIENCE BAN	D 1957-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	1,246,151 973,255 973,234 995,844 995,844 995,844 979,482 979,482 979,482	21 703	0.0000 0.0000 0.0007 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 0.9993 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 99.93 99.93 99.93 99.93 99.93 99.93
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	178,817 166,953 164,683 164,683 163,731 147,171 147,171 147,171 170,246 170,246	2,270 952 38,592	0.0000 0.0136 0.0000 0.0058 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.9864 1.0000 0.9942 1.0000 1.0000 1.0000 1.0000 0.7733	99.93 99.93 98.57 98.57 98.00 98.00 98.00 98.00 98.00
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	108,579 108,579 85,271 90,173 108,579 108,579 101,477 108,579 108,579		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	75.78 75.78 75.78 75.78 75.78 75.78 75.78 75.78 75.78 75.78
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	106,485 102,115 102,115 102,115 102,115 102,115 102,115 85,486 85,486	4,370 12,109	0.0410 0.0000 0.0000 0.0000 0.0000 0.1186 0.0000 0.0000	0.9590 1.0000 1.0000 1.0000 1.0000 0.8814 1.0000 1.0000	75.78 72.67 72.67 72.67 72.67 72.67 72.67 64.05 64.05



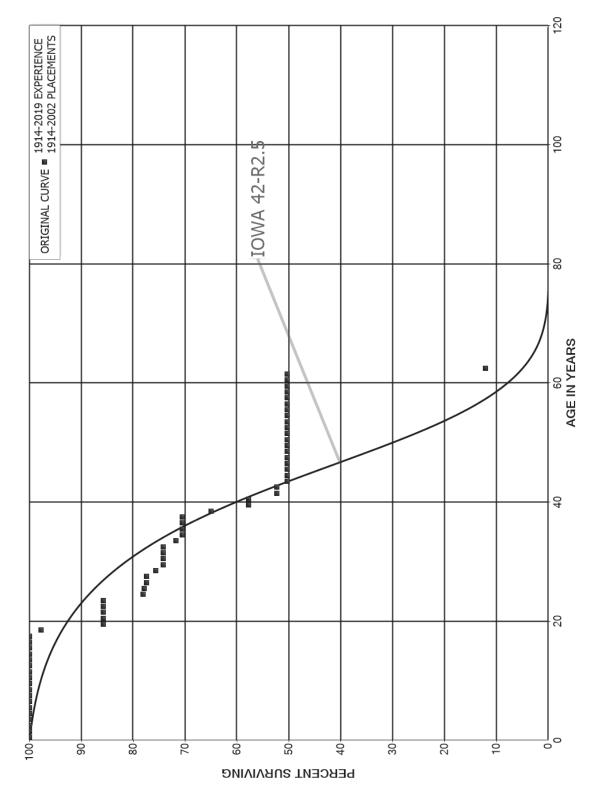
ACCOUNT 385 INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1957-2019		EXPE	RIENCE BAN	D 1957-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	85,486 85,486 85,486 85,486 85,486 74,521 74,521 74,000 71,330	420 2,670 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0056 0.0361 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9944 0.9639 1.0000	64.05 64.05 64.05 64.05 64.05 64.05 64.05 64.05 63.69 61.40
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	63,756 58,854 40,448 40,448 40,448 40,448 33,346 33,346 33,346 33,346	16,236	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.4869	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	61.40 61.40 61.40 61.40 61.40 61.40 61.40 61.40 61.40
59.5 60.5 61.5	10,036 10,036 10,036	9,605	0.0000 0.0000 0.9570	1.0000 1.0000 0.0430	31.50 31.50 31.50

62.5

1.35

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 387 OTHER EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 387 OTHER EQUIPMENT

PLACEMENT E	BAND 1914-2002		EXPE	RIENCE BAN	D 1914-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	110,194 110,158 109,398 109,398 109,398 109,398 109,398 109,398 109,398	36	0.0003 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9997 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 99.97 99.97 99.97 99.97 99.97 99.97 99.97
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	109,398 109,398 109,398 109,398 109,398 120,276 120,276 120,276 116,867 114,196	2,671 13,939	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0229 0.1221	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9771 0.8779	99.97 99.97 99.97 99.97 99.97 99.97 99.97 99.97
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	66,566 65,935 65,935 68,853 68,853 62,635 62,523 62,126 62,126 60,667	6,218 112 397 1,459 1,072	0.0000 0.0000 0.0000 0.0000 0.0903 0.0018 0.0063 0.0000 0.0235 0.0177	1.0000 1.0000 1.0000 0.9097 0.9982 0.9937 1.0000 0.9765 0.9823	85.76 85.76 85.76 85.76 85.76 78.01 77.87 77.38 77.38 75.56
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	59,595 59,595 59,552 55,161 53,329 52,395 52,395 52,395 52,395 48,300	1,832 934 4,095 5,439	0.0000 0.0000 0.0000 0.0332 0.0175 0.0000 0.0000 0.0000 0.0782 0.1126	1.0000 1.0000 1.0000 0.9668 0.9825 1.0000 1.0000 0.9218 0.8874	74.23 74.23 74.23 74.23 71.76 70.51 70.51 70.51 70.51 65.00

ACCOUNT 387 OTHER EQUIPMENT

PLACEMENT E	BAND 1914-2002		EXPE	RIENCE BAN	D 1914-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	42,861 42,861 38,865 38,865 37,406 37,406 37,406 37,406 37,406	3,996 1,459	0.0000 0.0932 0.0000 0.0375 0.0000 0.0000 0.0000 0.0000	1.0000 0.9068 1.0000 0.9625 1.0000 1.0000 1.0000 1.0000 1.0000	57.68 57.68 52.30 52.30 50.34 50.34 50.34 50.34 50.34
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	37,406 37,406 37,406 40,324 40,324 40,324 40,324 37,406 37,406 37,406		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	50.34 50.34 50.34 50.34 50.34 50.34 50.34 50.34 50.34
59.5 60.5 61.5 62.5 63.5 64.5 65.5	37,406 37,406 37,406 8,948 8,948 8,948 8,948	28,458	0.0000 0.0000 0.7608 0.0000 0.0000 0.0000	1.0000 1.0000 0.2392 1.0000 1.0000 1.0000	50.34 50.34 50.34 12.04 12.04 12.04 12.04 12.04

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES

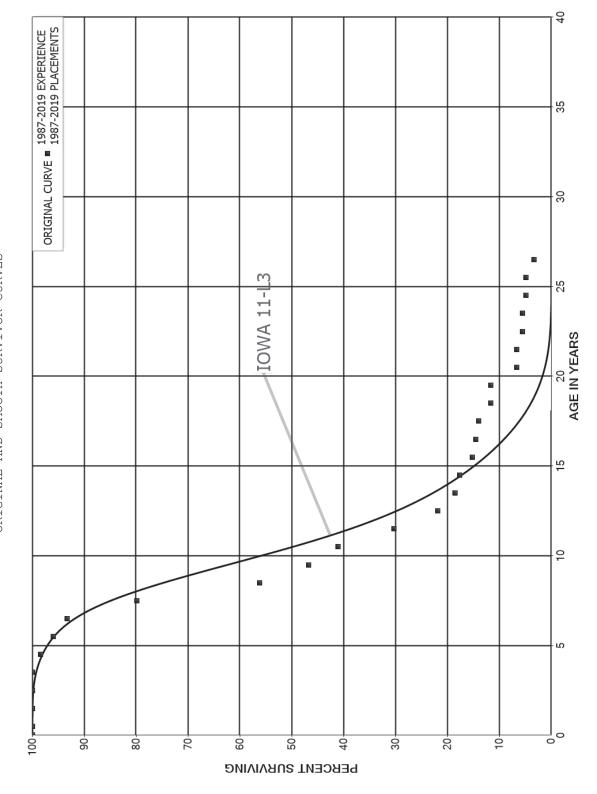
40 ORIGINAL CURVE = 2010-2019 EXPERIENCE 2010-2017 PLACEMENTS 30 IOWA 10-52 25 AGE IN YEARS 5 9 2 اه 100₽ 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ ЗИВУІУІИ

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

PLACEMENT	BAND 2010-2017		EXPER	RIENCE BAN	D 2015-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	74,785 74,785 74,785 28,323 12,618 12,618 12,618 12,618		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00
9.5					

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

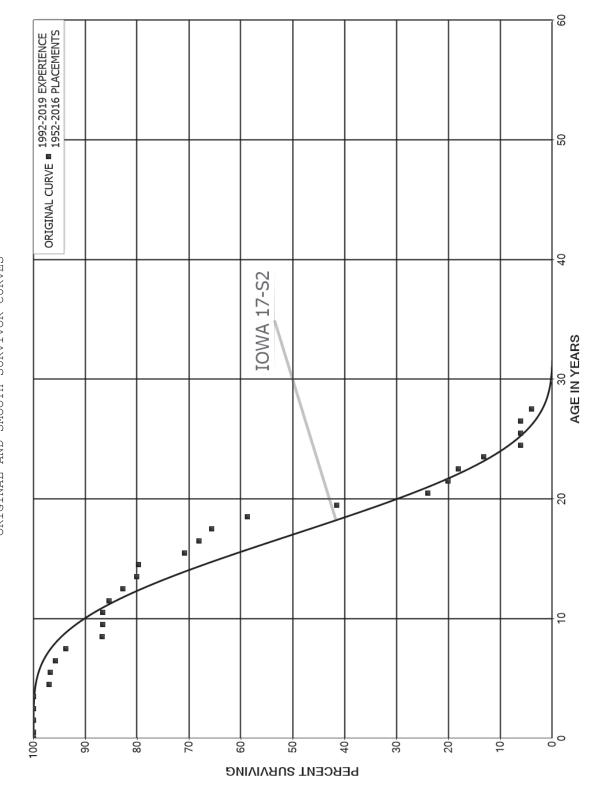
ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

PLACEMENT H	BAND 1987-2019		EXPE	RIENCE BAN	D 1987-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	7,111,470 6,970,938 6,970,938 6,698,174 6,554,934 6,455,081 6,174,433 5,994,079 5,020,715 3,416,397	4,190 99,853 161,527 171,913 865,272 1,490,380 573,883	0.0000 0.0000 0.0000 0.0006 0.0152 0.0250 0.0278 0.1444 0.2968 0.1680	1.0000 1.0000 1.0000 0.9994 0.9848 0.9750 0.9722 0.8556 0.7032 0.8320	100.00 100.00 100.00 100.00 99.94 98.42 95.95 93.28 79.82 56.12
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	2,732,526 2,339,152 1,726,481 1,246,210 1,050,793 1,003,085 861,495 823,359 791,840 486,768	328,761 612,671 480,271 195,417 47,708 141,590 38,136 31,519 132,714	0.1203 0.2619 0.2782 0.1568 0.0454 0.1412 0.0443 0.0383 0.1676 0.0000	0.8797 0.7381 0.7218 0.8432 0.9546 0.8588 0.9557 0.9617 0.8324 1.0000	46.70 41.08 30.32 21.88 18.45 17.61 15.13 14.46 13.91 11.57
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	486,768 278,228 278,228 229,987 229,987 201,993 105,563 71,950 71,950 64,981	208,540 48,241 27,994 33,613	0.4284 0.0000 0.1734 0.0000 0.1217 0.0000 0.3184 0.0000 0.0000	0.5716 1.0000 0.8266 1.0000 0.8783 1.0000 0.6816 1.0000 1.0000	11.57 6.62 6.62 5.47 5.47 4.80 4.80 3.27 3.27 3.27
29.5 30.5 31.5	64,981 64,981		0.0000	1.0000	3.27 3.27 3.27

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

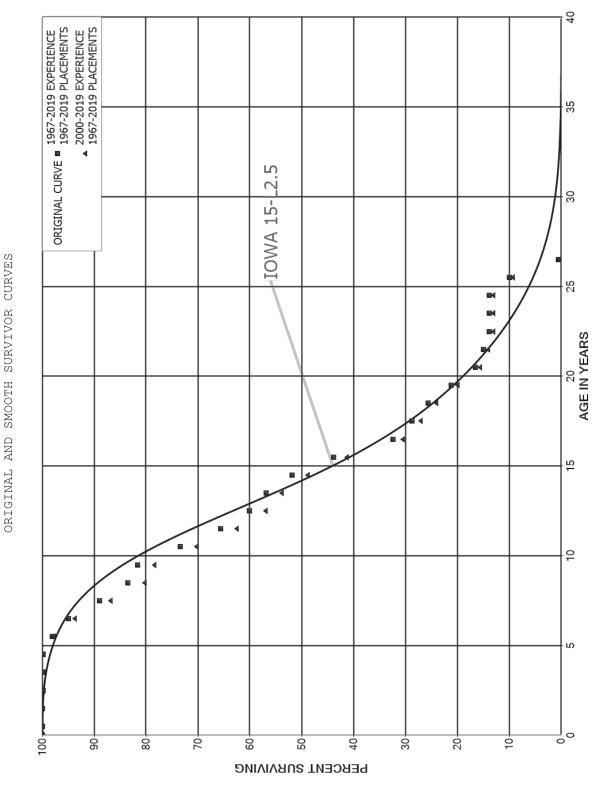
PLACEMENT E	BAND 1952-2016		EXPER	RIENCE BAN	D 1992-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	1,136,671 1,136,671 1,165,236 1,141,096 896,567 859,215 691,895 675,644 572,822 487,954	27,122 1,802 7,395 13,821 43,097 851	0.0000 0.0000 0.0000 0.0000 0.0303 0.0021 0.0107 0.0205 0.0752 0.0017	1.0000 1.0000 1.0000 1.0000 0.9697 0.9979 0.9893 0.9795 0.9248 0.9983	100.00 100.00 100.00 100.00 100.00 96.97 96.77 95.74 93.78 86.72
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	433,737 419,954 418,167 408,809 389,805 370,666 280,520 269,472 259,561 232,444	5,802 13,062 13,325 1,269 41,292 11,049 9,911 27,116 68,114	0.0000 0.0138 0.0312 0.0326 0.0033 0.1114 0.0394 0.0368 0.1045 0.2930	1.0000 0.9862 0.9688 0.9674 0.9967 0.8886 0.9606 0.9632 0.8955 0.7070	86.57 86.57 85.38 82.71 80.01 79.75 70.87 68.08 65.57 58.72
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	162,445 95,188 79,650 71,533 52,448 23,883 23,883 23,883 15,534	68,587 15,538 8,116 19,085 28,565	0.4222 0.1632 0.1019 0.2668 0.5446 0.0000 0.0000 0.3496 0.0000 0.0000	0.5778 0.8368 0.8981 0.7332 0.4554 1.0000 1.0000 0.6504 1.0000	41.52 23.99 20.07 18.03 13.22 6.02 6.02 6.02 3.91 3.91
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	12,485 8,471 8,471 8,832 8,832 361 2,332 2,332 361 361	4,014 8,471 1,971	0.3215 0.0000 0.0000 0.0000 0.9591 0.0000 0.0000 0.8452 0.0000	0.6785 1.0000 1.0000 1.0000 0.0409 1.0000 0.1548 1.0000 1.0000	3.91 2.66 2.66 2.66 2.66 0.11 0.11 0.11 0.02 0.02

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1952-2016 EXPERIENCE BAND 1992-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE BEGIN OF RETMT SURV INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 0.0000 361 1.0000 0.02 40.5 795 0.02 0.0000 1.0000 41.5 795 434 0.5459 0.4541 0.02 42.5 361 0.0000 1.0000 0.01 43.5 0.0000 1.0000 0.01 361 44.5 361 0.0000 1.0000 0.01 45.5 0.0000 1.0000 361 0.01 46.5 361 0.0000 1.0000 0.01 47.5 361 0.0000 1.0000 0.01 48.5 361 0.0000 1.0000 0.01 49.5 361 0.0000 1.0000 0.01 50.5 361 1.0000 361 0.01 51.5

LOUISVILLE GAS AND ELECTRIC COMPANY
GAS PLANT
ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY



ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

PLACEMENT BAND 1967-2019			EXPERIENCE BAND 1967-2019		
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 0.5 1.5 2.5 3.5 4.5	7,405,776 7,191,500 6,776,872 6,133,683 5,422,858 5,223,599	10,904 90,455	0.0000 0.0000 0.0016 0.0000 0.0000	1.0000 1.0000 0.9984 1.0000 1.0000	100.00 100.00 100.00 99.84 99.84 99.84
5.5 6.5 7.5 8.5	4,418,455 4,277,285 3,813,526 3,278,266	141,170 268,936 236,676 75,022	0.0320 0.0629 0.0621 0.0229	0.9680 0.9371 0.9379 0.9771	98.11 94.98 89.00 83.48
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5 19.5 20.5 21.5 22.5 23.5	3,190,516 2,870,650 2,567,435 2,349,305 2,224,067 1,677,545 914,931 676,327 592,772 528,073 435,987 315,961 285,953 208,165 208,165	319,866 303,215 218,130 125,238 198,597 256,619 238,604 77,167 64,699 92,086 94,793 30,008 21,351	0.1003 0.1056 0.0850 0.0533 0.0893 0.1530 0.2608 0.1141 0.1091 0.1744 0.2174 0.0950 0.0747 0.0000 0.0000	0.8997 0.8944 0.9150 0.9467 0.9107 0.8470 0.7392 0.8859 0.8909 0.8256 0.7826 0.9050 0.9253 1.0000 1.0000	81.57 73.39 65.64 60.06 56.86 51.78 43.86 32.42 28.72 25.59 21.13 16.53 14.96 13.85 13.85
24.5 25.5 26.5 27.5 28.5	208,165 208,165 134,890 5,127 2,066 2,066	59,311 128,199 3,061	0.0000 0.2849 0.9504 0.5970 0.0000	0.7151 0.0496 0.4030 1.0000	13.85 9.90 0.49 0.20 0.20
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5	2,066 2,066 2,066 2,066 2,066 2,066 2,066	2,066	0.0000 0.0000 0.0000 0.0000 0.0000 1.0000	1.0000 1.0000 1.0000 1.0000 1.0000	0.20 0.20 0.20 0.20 0.20 0.20 0.20

LOUISVILLE GAS AND ELECTRIC COMPANY ${\sf GAS\ PLANT}$

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

PLACEMENT H	BAND 1967-2019		EXPE	RIENCE BAN	ID 2000-2019
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 0.5 1.5 2.5 3.5	4,768,205 5,070,505 4,781,494 4,419,055 4,149,179	10,904	0.0000 0.0000 0.0023 0.0000 0.0000	1.0000 1.0000 0.9977 1.0000 1.0000	100.00 100.00 100.00 99.77 99.77
4.5 5.5 6.5 7.5 8.5	4,241,579 3,459,313 3,614,949 3,171,828 3,155,105	90,455 141,170 268,936 236,676 75,022	0.0213 0.0408 0.0744 0.0746 0.0238	0.9787 0.9592 0.9256 0.9254 0.9762	99.77 97.64 93.66 86.69 80.22
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5	3,067,355 2,747,489 2,444,274 2,262,224 2,155,765 1,651,535 912,865 674,261 590,706	319,866 303,215 218,130 125,238 198,597 256,619 238,604 77,167 64,699	0.1043 0.1104 0.0892 0.0554 0.0921 0.1554 0.2614 0.1144 0.1095	0.8957 0.8896 0.9108 0.9446 0.9079 0.8446 0.7386 0.8856 0.8905	78.32 70.15 62.41 56.84 53.69 48.74 41.17 30.41 26.93
18.5 19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	526,007 433,921 313,895 283,887 206,099 206,099 206,099 132,824 3,061	92,086 94,793 30,008 21,351 59,311 128,199 3,061	0.1751 0.2185 0.0956 0.0752 0.0000 0.0000 0.2878 0.9652 1.0000	0.8249 0.7815 0.9044 0.9248 1.0000 1.0000 0.7122 0.0348	23.98 19.78 15.46 13.98 12.93 12.93 12.93 9.21 0.32
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5	2,066 2,066 2,066 2,066	2,066	0.0000 0.0000 0.0000 1.0000		

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

ORIGINAL CURVE ■ 1914-2019 EXPERIENCE 1914-2019 PLACEMENTS ▲ 1945-2019 EXPERIENCE 1914-2019 PLACEMENTS 2 9 ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER IOWA 24-L1.5 ORIGINAL AND SMOOTH SURVIVOR CURVES 20 AGE IN YEARS 8 2 9 J0 100 9 80 70 -09 50-40 30-20 10

8

РЕВСЕИТ ЗИВУІУІИ

LOUISVILLE GAS AND ELECTRIC COMPANY ${\sf GAS\ PLANT}$

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

PLACEMENT H	BAND 1914-2019		EXPEF	RIENCE BAN	D 1914-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	742,366 619,819 602,394 453,038 441,202 409,101 416,356 361,681 293,216 263,648	190 247 375 2,389 6,384 8,477 3,114 13,289 8,558	0.0000 0.0003 0.0004 0.0008 0.0054 0.0156 0.0204 0.0086 0.0453 0.0325	1.0000 0.9997 0.9996 0.9992 0.9946 0.9844 0.9796 0.9914 0.9547 0.9675	100.00 100.00 99.97 99.93 99.85 99.30 97.76 95.77 94.94
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	211,192 210,034 208,337 196,278 194,016 187,489 183,991 181,192 180,175 178,001	408 907 10,681 2,262 2,855 2,799 1,095 2,845 89	0.0019 0.0043 0.0513 0.0115 0.0000 0.0152 0.0152 0.0060 0.0158 0.0005	0.9981 0.9957 0.9487 0.9885 1.0000 0.9848 0.9848 0.9940 0.9842 0.9995	87.70 87.53 87.15 82.68 81.73 81.73 80.48 79.26 78.78 77.54
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	177,934 177,196 204,611 198,354 201,574 196,351 194,976 189,220 176,012 173,361	738 2,049 1,893 350 5,223 1,375 5,756 1,316 2,651 2,202	0.0041 0.0116 0.0093 0.0018 0.0259 0.0070 0.0295 0.0070 0.0151 0.0127	0.9959 0.9884 0.9907 0.9982 0.9741 0.9930 0.9705 0.9930 0.9849 0.9873	77.50 77.18 76.28 75.58 75.44 73.49 72.97 70.82 70.33 69.27
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	171,958 167,653 161,691 131,618 118,623 104,137 65,175 53,778 37,918 27,463	4,305 2,258 6,055 12,995 11,312 38,962 11,397 15,860 10,455 7,675	0.0250 0.0135 0.0374 0.0987 0.0954 0.3741 0.1749 0.2949 0.2757 0.2795	0.9750 0.9865 0.9626 0.9013 0.9046 0.6259 0.8251 0.7051 0.7243 0.7205	68.39 66.68 65.78 63.31 57.06 51.62 32.31 26.66 18.80 13.61

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1914-2019 EXPERIENCE BAND 1914-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 19,788 2,065 0.1044 0.8956 9.81 1,208 0.0682 0.9318 40.5 17,723 8.79 1,762 41.5 16,515 0.8933 0.1067 8.19 42.5 14,753 0.9429 842 0.0571 7.31 43.5 13,911 1,485 0.1068 0.8932 6.90 75 0.0060 44.5 12,426 0.9940 6.16 12,351 45.5 83 0.0067 0.9933 6.12 322 0.0262 12,268 46.5 0.9738 6.08 7,989 0.6688 0.3312 47.5 11,946 5.92 3,957 48.5 751 0.1898 0.8102 1.96 49.5 3,206 1,061 0.3309 0.6691 1.59 50.5 2,145 220 0.1026 0.8974 1.06 51.5 1,925 208 0.1081 0.8919 0.95 52.5 1,717 258 0.1503 0.8497 0.85 53.5 654 0.4483 0.5517 1,459 0.72 54.5 0.0000 1.0000 805 0.40 55.5 805 0.0000 1.0000 0.40 56.5 805 0.0000 1.0000 0.40 57.5 0.0000 1.0000 0.40 805 58.5 805 0.0000 1.0000 0.40 59.5 805 0.0000 1.0000 0.40 60.5 805 0.0000 1.0000 0.40 61.5 805 0.0000 1.0000 0.40 62.5 0.0000 1.0000 0.40 805 63.5 805 0.0000 1.0000 0.40 64.5 805 0.0000 1.0000 0.40 65.5 805 0.0000 1.0000 0.40

66.5

67.5

805

0.40

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LOUISVILLE GAS AND ELECTRIC COMPANY ${\sf GAS\ PLANT}$

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

PLACEMENT H	BAND 1914-2019		EXPEF	RIENCE BAN	D 1945-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	703,551 581,760 565,280 416,675 408,885 377,485 386,829 332,492 265,924 237,765	190 247 375 2,389 6,384 8,477 3,114 13,289 8,558	0.0000 0.0003 0.0004 0.0009 0.0058 0.0169 0.0219 0.0094 0.0500 0.0360	1.0000 0.9997 0.9996 0.9991 0.9942 0.9831 0.9781 0.9906 0.9500 0.9640	100.00 100.00 99.97 99.92 99.83 99.25 97.57 95.43 94.54 89.82
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	185,309 184,151 182,454 171,908 169,646 163,119 161,552 158,753 157,736 155,562	408 907 9,168 2,262 924 2,799 1,095 2,845 89	0.0022 0.0049 0.0502 0.0132 0.0000 0.0057 0.0173 0.0069 0.0180 0.0006	0.9978 0.9951 0.9498 0.9868 1.0000 0.9943 0.9827 0.9931 0.9820 0.9994	86.58 86.39 85.97 81.65 80.57 80.57 80.12 78.73 78.19 76.77
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	155,495 167,865 195,280 189,023 192,243 187,020 185,645 179,889 166,681 164,030	738 2,049 1,893 350 5,223 1,375 5,756 1,316 2,651 2,202	0.0047 0.0122 0.0097 0.0019 0.0272 0.0074 0.0310 0.0073 0.0159 0.0134	0.9953 0.9878 0.9903 0.9981 0.9728 0.9926 0.9690 0.9927 0.9841 0.9866	76.73 76.37 75.43 74.70 74.57 72.54 72.01 69.77 69.26 68.16
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	162,627 167,653 161,691 131,618 118,623 104,137 65,175 53,778 37,918 27,463	4,305 2,258 6,055 12,995 11,312 38,962 11,397 15,860 10,455 7,675	0.0265 0.0135 0.0374 0.0987 0.0954 0.3741 0.1749 0.2949 0.2757 0.2795	0.9735 0.9865 0.9626 0.9013 0.9046 0.6259 0.8251 0.7051 0.7243 0.7205	67.25 65.47 64.58 62.17 56.03 50.68 31.72 26.17 18.46 13.37

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1914-2019 EXPERIENCE BAND 1945-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV DURING AGE BEGIN OF BEGINNING OF RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 19,788 2,065 0.1044 0.8956 9.63 40.5 17,723 1,208 0.0682 0.9318 8.63 1,762 41.5 16,515 0.8933 0.1067 8.04 42.5 14,753 0.9429 842 0.0571 7.18 43.5 1,485 0.1068 13,911 0.8932 6.77 75 0.0060 44.5 12,426 0.9940 6.05 12,351 45.5 83 0.0067 0.9933 6.01 322 0.0262 12,268 46.5 0.9738 5.97 7,989 0.6688 0.3312 47.5 11,946 5.81 3,957 48.5 751 0.1898 0.8102 1.93 49.5 3,206 1,061 0.3309 0.6691 1.56 50.5 2,145 220 0.1026 0.8974 1.04 51.5 1,925 208 0.1081 0.8919 0.94 52.5 1,717 258 0.1503 0.8497 0.84 53.5 654 0.4483 0.5517 1,459 0.71 1.0000 54.5 805 0.0000 0.39 55.5 805 0.0000 1.0000 0.39 56.5 805 0.0000 1.0000 0.39 57.5 0.0000 1.0000 0.39 805 1.0000 58.5 805 0.0000 0.39 59.5 805 0.0000 1.0000 0.39 60.5 805 0.0000 1.0000 0.39 61.5 805 0.0000 1.0000 0.39 62.5 0.0000 1.0000 0.39 805 63.5 805 0.0000 1.0000 0.39 64.5 805 0.0000 1.0000 0.39 65.5 805 0.0000 1.0000 0.39

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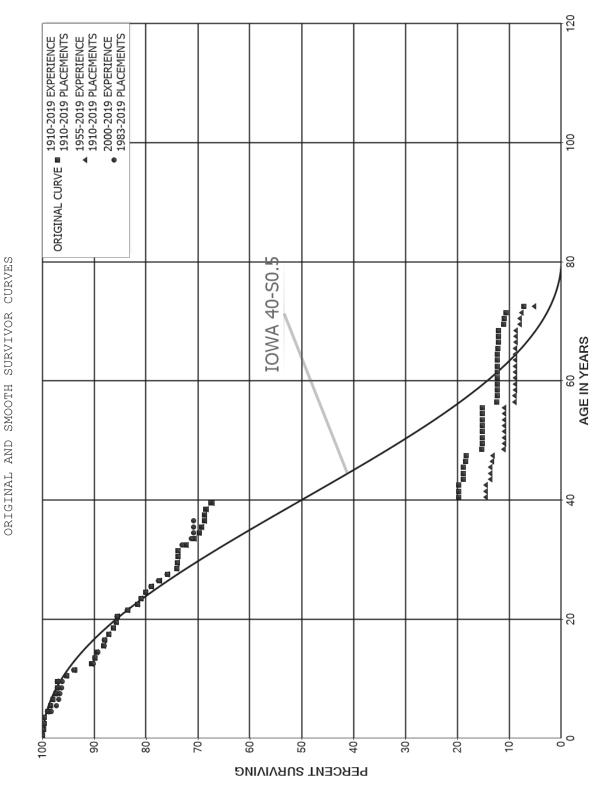
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COMMON PLANT



LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE



ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

PLACEMENT	BAND 1910-2019		EXPER	RIENCE BAN	D 1910-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	90,171,964 86,783,953 80,516,569 77,974,527 75,970,158 73,698,621 72,608,080 71,737,926 69,664,669 65,041,950	33,274 200,210 100,562 20,357 444,148 419,765 358,068 410,784 196,822 58,512	0.0004 0.0023 0.0012 0.0003 0.0058 0.0057 0.0049 0.0057 0.0028 0.0009	0.9996 0.9977 0.9988 0.9997 0.9942 0.9943 0.9951 0.9943 0.9972	100.00 99.96 99.73 99.61 99.58 99.00 98.44 97.95 97.39
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	63,630,747 59,312,506 54,053,609 51,284,199 50,256,974 47,876,099 46,508,699 45,689,290 44,196,776 43,571,718	1,151,301 930,976 1,896,758 359,558 212,577 708,038 103,875 427,719 452,667 277,845	0.0181 0.0157 0.0351 0.0070 0.0042 0.0148 0.0022 0.0094 0.0102 0.0102	0.9819 0.9843 0.9649 0.9930 0.9958 0.9852 0.9978 0.9906 0.9898 0.9936	97.03 95.27 93.78 90.49 89.85 89.47 88.15 87.95 87.13
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	42,743,696 40,682,754 39,674,816 38,554,445 38,120,844 23,681,987 12,838,230 12,500,802 12,242,618 11,415,751	111,756 946,483 897,496 309,680 428,761 333,825 237,382 258,386 277,173 23,551	0.0026 0.0233 0.0226 0.0080 0.0112 0.0141 0.0185 0.0207 0.0226 0.0021	0.9974 0.9767 0.9774 0.9920 0.9888 0.9859 0.9815 0.9793 0.9774	85.69 85.46 83.47 81.58 80.93 80.02 78.89 77.43 75.83 74.12
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	11,101,452 11,085,959 11,098,921 10,815,965 10,316,847 8,388,452 1,293,349 1,063,124 1,063,124 1,059,535	15,492 8,024 234,306 232,846 133,206 59,868 10,942 3,589 15,182	0.0014 0.0007 0.0211 0.0215 0.0129 0.0071 0.0085 0.0000 0.0034 0.0143	0.9986 0.9993 0.9789 0.9785 0.9871 0.9929 0.9915 1.0000 0.9966 0.9857	73.96 73.86 73.81 72.25 70.69 69.78 69.28 68.70 68.70 68.46

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

		,			
PLACEMENT E	BAND 1910-2019		EXPER	RIENCE BAN	D 1910-2019
AGE AT	EXPOSURES AT	RETIREMENTS			PCT SURV
BEGIN OF	BEGINNING OF	DURING AGE	RETMT	SURV	BEGIN OF
INTERVAL	AGE INTERVAL	INTERVAL	RATIO	RATIO	INTERVAL
39.5	1,044,353	739,436	0.7080	0.2920	67.48
40.5	304,917		0.0000	1.0000	19.70
41.5	304,917	120	0.0004	0.9996	19.70
42.5	304,797	12,491	0.0410	0.9590	19.69
43.5	292,306	,	0.0000	1.0000	18.89
44.5	292,306	401	0.0014	0.9986	18.89
45.5	291,905	6,870	0.0235	0.9765	18.86
46.5	285,035	2,450		0.9914	18.42
47.5	282,585		0.1637	0.8363	18.26
48.5	236,323	630	0.0027	0.9973	15.27
49.5	235,693		0.0000	1.0000	15.23
50.5	235,693		0.0000	1.0000	15.23
51.5	235,693		0.0000	1.0000	15.23
52.5	235,693	300	0.0013	0.9987	15.23
53.5	235,393		0.0000	1.0000	15.21
54.5	235,393	735	0.0031	0.9969	15.21
55.5	234,658	43,654	0.1860	0.8140	15.16
56.5	191,004	500	0.0026	0.9974	12.34
57.5	190,504	773	0.0041	0.9959	12.31
58.5	189,731	113	0.0006	0.9994	12.26
59.5	189,618		0.0000	1.0000	12.25
60.5	189,618		0.0000	1.0000	12.25
61.5	189,618		0.0000	1.0000	12.25
62.5	189,618		0.0000	1.0000	12.25
63.5	189,618		0.0000	1.0000	12.25
64.5	189,618	459	0.0024	0.9976	12.25
65.5	189,159	2,864	0.0151	0.9849	12.22
66.5	186,295		0.0000	1.0000	12.04
67.5	186,295	406	0.0022	0.9978	12.04
68.5	185,889	15,485	0.0833	0.9167	12.01
69.5	170,404	995	0.0058	0.9942	11.01
70.5	169,409	5,490	0.0324	0.9676	10.95
71.5	163,919	53,437	0.3260	0.6740	10.59
72.5	110,482	250	0.0023	0.9977	7.14
73.5	110,232	7,214	0.0654	0.9346	7.12
74.5	103,018		0.0000	1.0000	6.66
75.5	103,018	531	0.0052	0.9948	6.66
76.5	102,487		0.0000	1.0000	6.62
77.5	102,487	1,522	0.0149	0.9851	6.62
78.5	100,965		0.0000	1.0000	6.52



ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

PLACEMENT 1	BAND 1910-2019		EXPER	RIENCE BAN	ID 1910-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5	100,965 100,965 100,965 98,444 98,444	2,521	0.0000 0.0000 0.0250 0.0000 0.0000	1.0000 1.0000 0.9750 1.0000	6.52 6.52 6.36 6.36
84.5 85.5	98,444	98,444	1.0000		6.36

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

PLACEMENT	BAND 1910-2019		EXPER	RIENCE BAN	D 1955-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	89,786,404 86,398,730 80,131,547 77,606,096 75,601,727 73,330,190 72,246,759 71,379,055 69,370,579 64,748,390	32,937 200,210 100,562 20,357 444,148 419,765 358,068 410,784 196,822 58,512	0.0004 0.0023 0.0013 0.0003 0.0059 0.0057 0.0050 0.0058 0.0028 0.0009	0.9996 0.9977 0.9987 0.9997 0.9941 0.9943 0.9950 0.9942 0.9972	100.00 99.96 99.73 99.61 99.58 99.00 98.43 97.94 97.38 97.10
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	63,337,187 59,022,205 53,763,308 50,993,898 49,967,949 47,587,809 46,271,748 45,453,952 43,962,467 43,338,585	1,148,042 930,976 1,896,758 358,282 212,577 705,121 102,262 427,463 451,604 277,845	0.0181 0.0158 0.0353 0.0070 0.0043 0.0148 0.0022 0.0094 0.0103 0.0164	0.9819 0.9842 0.9647 0.9930 0.9957 0.9852 0.9978 0.9906 0.9897 0.9936	97.01 95.25 93.75 90.44 89.81 89.43 88.10 87.91 87.08 86.19
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	42,510,563 40,449,621 39,441,683 38,321,312 37,887,711 23,451,513 12,614,120 12,280,838 12,023,613 11,215,011	111,756 946,483 897,496 309,680 426,561 330,825 237,306 258,386 277,173 22,984	0.0026 0.0234 0.0228 0.0081 0.0113 0.0141 0.0188 0.0210 0.0231 0.0020	0.9974 0.9766 0.9772 0.9919 0.9887 0.9859 0.9812 0.9790 0.9769 0.9980	85.63 85.41 83.41 81.51 80.85 79.94 78.82 77.33 75.71 73.96
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	10,902,996 10,896,021 10,987,640 10,704,684 10,212,780 8,284,385 1,189,813 959,588 959,611 956,022	15,492 8,024 234,306 232,846 133,206 59,868 10,942 3,589 15,182	0.0014 0.0007 0.0213 0.0218 0.0130 0.0072 0.0092 0.0000 0.0037 0.0159	0.9986 0.9993 0.9787 0.9782 0.9870 0.9928 0.9908 1.0000 0.9963 0.9841	73.81 73.70 73.65 72.08 70.51 69.59 69.09 68.45 68.45 68.20

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1910-2019		EXPE	RIENCE BAN	ID 1955-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	940,840 201,404 204,295 204,175 191,684 292,306 291,905 285,035 282,585 236,323	739,436 120 12,491 401 6,870 2,450 46,262 630	0.7859 0.0000 0.0006 0.0612 0.0000 0.0014 0.0235 0.0086 0.1637 0.0027	0.2141 1.0000 0.9994 0.9388 1.0000 0.9986 0.9765 0.9914 0.8363 0.9973	67.11 14.37 14.37 14.36 13.48 13.48 13.46 13.14 13.03
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	235,693 235,693 235,693 235,393 235,393 234,658 191,004 190,504 189,731	300 735 43,654 500 773 113	0.0000 0.0000 0.0000 0.0013 0.0000 0.0031 0.1860 0.0026 0.0041 0.0006	1.0000 1.0000 1.0000 0.9987 1.0000 0.9969 0.8140 0.9974 0.9959 0.9994	10.87 10.87 10.87 10.86 10.86 10.82 8.81 8.79 8.75
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	189,618 189,618 189,618 189,618 189,618 189,618 189,159 186,295 186,295	459 2,864 406 15,485	0.0000 0.0000 0.0000 0.0000 0.0024 0.0151 0.0000 0.0022 0.0833	1.0000 1.0000 1.0000 1.0000 0.9976 0.9849 1.0000 0.9978 0.9167	8.74 8.74 8.74 8.74 8.74 8.72 8.59 8.59
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	170,404 169,409 163,919 110,482 110,232 103,018 103,018 102,487 102,487	995 5,490 53,437 250 7,214 531 1,522	0.0058 0.0324 0.3260 0.0023 0.0654 0.0000 0.0052 0.0000 0.0149 0.0000	0.9942 0.9676 0.6740 0.9977 0.9346 1.0000 0.9948 1.0000 0.9851 1.0000	7.86 7.81 7.56 5.10 5.08 4.75 4.75 4.73 4.73



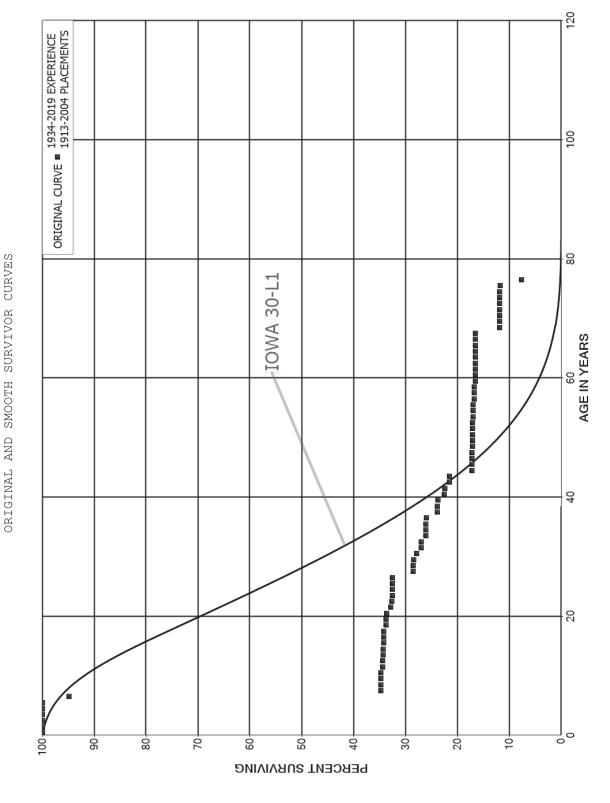
ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

PLACEMENT I	BAND 1910-2019		EXPEF	RIENCE BAN	D 1955-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5	100,965 100,965 100,965 98,444 98,444	2,521 98,444	0.0000 0.0000 0.0250 0.0000 0.0000 1.0000	1.0000 1.0000 0.9750 1.0000 1.0000	4.66 4.66 4.54 4.54 4.54

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

PLACEMENT 1	BAND 1983-2019		EXPEF	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	40,125,327 39,177,841 34,182,937 32,357,461 30,300,190 43,465,198 54,019,690 53,019,012 51,819,987 48,702,709	32,937 3,782 66,752 18,872 417,649 417,205 307,198 92,083 189,374 38,098	0.0008 0.0001 0.0020 0.0006 0.0138 0.0096 0.0057 0.0017 0.0037 0.0008	0.9992 0.9999 0.9980 0.9994 0.9862 0.9904 0.9943 0.9983 0.9963 0.9992	100.00 99.92 99.91 99.71 99.66 98.28 97.34 96.78 96.62 96.26
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	47,612,309 44,022,180 39,130,174 37,000,952 36,932,288 37,432,059 44,535,130 44,110,289 42,623,450 42,008,588	469,371 591,749 1,598,014 135,171 212,337 498,759 16,813 419,647 438,518 269,301	0.0099 0.0134 0.0408 0.0037 0.0057 0.0133 0.0004 0.0095 0.0103 0.0064	0.9901 0.9866 0.9592 0.9963 0.9943 0.9867 0.9996 0.9905 0.9897 0.9936	96.19 95.24 93.96 90.12 89.79 89.28 88.09 88.05 87.22 86.32
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	41,254,543 39,213,499 38,171,763 37,060,895 36,632,478 22,204,625 11,430,277 11,123,139 10,878,551 10,057,853	91,834 914,872 887,993 304,496 417,757 264,416 207,295 244,588 271,004 12,178	0.0022 0.0233 0.0233 0.0082 0.0114 0.0119 0.0181 0.0220 0.0249 0.0012	0.9978 0.9767 0.9767 0.9918 0.9886 0.9881 0.9819 0.9780 0.9751	85.77 85.57 83.58 81.63 80.96 80.04 79.09 77.65 75.95 74.05
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5	9,754,927 9,741,551 9,713,887 9,602,816 9,110,389 7,254,518 219,283	13,375 111,071 226,155 60,682	0.0014 0.0000 0.0114 0.0236 0.0067 0.0000	0.9986 1.0000 0.9886 0.9764 0.9933 1.0000	73.96 73.86 73.86 73.02 71.30 70.82 70.82 70.82

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION



ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

PLACEMENT :	BAND 1913-2004		EXPEF	RIENCE BAN	D 1934-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	1,770,027 1,777,002 1,778,029 1,778,029 2,087,267 2,103,460 1,824,598 1,730,429 633,498 633,498	94,169 1,096,932	0.0000 0.0000 0.0000 0.0000 0.0000 0.0516 0.6339 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9484 0.3661 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 94.84 34.72 34.72
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	635,796 634,292 636,803 647,943 646,135 640,428 607,231 587,543 587,590 580,289	6,881 1,954 228 1,045 7,751	0.0000 0.0108 0.0000 0.0030 0.0000 0.0004 0.0017 0.0000 0.0132 0.0000	1.0000 0.9892 1.0000 0.9970 1.0000 0.9996 0.9983 1.0000 0.9868 1.0000	34.72 34.72 34.34 34.34 34.24 34.24 34.23 34.17 34.17 33.72
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	513,809 518,726 520,340 518,144 515,676 509,128 509,558 509,558 446,641 438,911	1,550 12,542 2,196 2,468 197 62,917 430 1,616	0.0030 0.0242 0.0042 0.0048 0.0004 0.0000 0.0000 0.1235 0.0010 0.0037	0.9970 0.9758 0.9958 0.9952 0.9996 1.0000 1.0000 0.8765 0.9990 0.9963	33.72 33.62 32.80 32.66 32.51 32.50 32.50 32.50 28.48 28.46
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	437,295 429,166 152,129 151,885 147,123 147,123 146,356 134,710 134,560	8,130 13,524 243 4,762 767 11,646 150 821	0.0186 0.0315 0.0016 0.0314 0.0000 0.0000 0.0052 0.0796 0.0011 0.0061	0.9814 0.9685 0.9984 0.9686 1.0000 1.0000 0.9948 0.9204 0.9989 0.9939	28.35 27.83 26.95 26.91 26.06 26.06 25.93 23.86 23.84

ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

PLACEMENT I	BAND 1913-2004		EXPE	RIENCE BAN	D 1934-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	133,739 127,107 126,116 121,333 121,133 96,652 96,652 96,652 96,652 96,652	6,631 992 4,783 200 24,481	0.0496 0.0078 0.0379 0.0016 0.2021 0.0000 0.0000 0.0000 0.0018 0.0000	0.9504 0.9922 0.9621 0.9984 0.7979 1.0000 1.0000 0.9982 1.0000	23.69 22.52 22.34 21.49 21.46 17.12 17.12 17.12 17.12
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	96,477 96,477 96,477 96,216 95,837 95,637 94,137 94,137	261 379 200 1,500	0.0000 0.0007 0.0027 0.0039 0.0021 0.0000 0.0157 0.0000 0.0000 0.0115	1.0000 1.0000 0.9973 0.9961 0.9979 1.0000 0.9843 1.0000 1.0000	17.09 17.09 17.09 17.04 16.98 16.94 16.68 16.68
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	93,057 93,057 93,057 93,057 93,057 93,057 93,057 93,057	26,028	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.2797 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.7203 1.0000	16.48 16.48 16.48 16.48 16.48 16.48 16.48 16.48
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	67,028 66,831 66,831 66,767 66,767 65,981 42,719 42,719	197 64 786 23,262	0.0029 0.0000 0.0010 0.0000 0.0000 0.0118 0.3526 0.0000 0.0000	0.9971 1.0000 0.9990 1.0000 1.0000 0.9882 0.6474 1.0000 1.0000	11.87 11.84 11.83 11.83 11.83 11.69 7.57 7.57



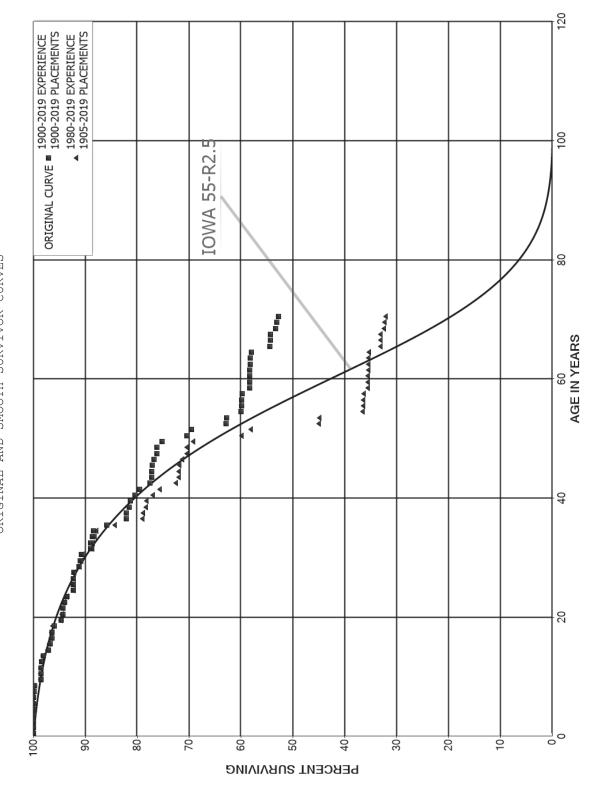
ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1913-2004 EXPERIENCE BAND 1934-2019 AGE AT EXPOSURES AT RETIREMENTS PCT SURV BEGIN OF BEGINNING OF DURING AGE SURV BEGIN OF RETMT INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 79.5 42,719 0.0000 1.0000 7.57 2,298 0.0538 0.9462 80.5 42,719 7.57 376 0.0093 81.5 40,421 0.9907 7.16 82.5 40,045 7,692 0.1921 0.8079 7.09 83.5 32,353 8,211 0.2538 0.7462 5.73 84.5 24,142 145 0.0060 0.9940 4.28 23,997 85.5 348 0.0145 0.9855 4.25 23,649 251 0.0106 0.9894 86.5 4.19 109 0.0047 23,398 0.9953 87.5 4.14 88.5 23,289 47 0.0020 0.9980 4.13 89.5 23,242 450 0.0194 0.9806 4.12 22,792 90.5 2,610 0.1145 0.8855 4.04 20,182 6,467 0.3204 3.58 91.5 0.6796 13,715 1.0000 92.5 13,715 2.43

93.5

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

PLACEMENT :	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	11,587,689 11,392,501 12,204,532 12,317,044 12,338,310 12,375,498 12,431,387 11,665,129 11,661,704 11,648,343	10 1,875 3,938 3,840 546 12,415 8,518 138,365	0.0000 0.0000 0.0000 0.0002 0.0003 0.0003 0.0000 0.0011 0.0007 0.0119	1.0000 1.0000 1.0000 0.9998 0.9997 1.0000 0.9989 0.9993 0.9881	100.00 100.00 100.00 100.00 99.98 99.95 99.92 99.92 99.81 99.74
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	11,356,552 11,364,909 11,357,616 11,258,545 11,276,153 11,143,035 11,086,189 10,922,009 10,925,470 10,829,825	923 1,209 17,484 40,721 107,398 40,639 41,670 1,920 43,017 159,085	0.0001 0.0001 0.0015 0.0036 0.0095 0.0036 0.0038 0.0002 0.0039 0.0147	0.9999 0.9999 0.9985 0.9964 0.9905 0.9964 0.9962 0.9998 0.9961 0.9853	98.55 98.55 98.53 98.38 98.03 97.09 96.74 96.38 96.36 95.98
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	10,716,911 9,499,350 9,564,447 8,933,715 8,946,653 8,741,982 8,688,243 8,677,560 8,660,143 8,569,508	27,704 9,567 31,632 42,848 111,721 5,168 11,330 86,084 25,987	0.0026 0.0010 0.0033 0.0048 0.0125 0.0006 0.0000 0.0013 0.0099 0.0030	0.9974 0.9990 0.9967 0.9952 0.9875 0.9994 1.0000 0.9987 0.9901	94.57 94.33 94.23 93.92 93.47 92.30 92.25 92.25 92.13 91.21
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	8,542,307 8,634,240 8,094,520 7,891,361 2,885,353 2,877,089 2,778,583 2,631,265 2,410,507 2,346,830	20,000 163,311 9,533 27,569 7,465 81,596 121,994 1,908 15,778 4,790	0.0023 0.0189 0.0012 0.0035 0.0026 0.0284 0.0439 0.0007 0.0065 0.0020	0.9977 0.9811 0.9988 0.9965 0.9974 0.9716 0.9561 0.9993 0.9935 0.9980	90.93 90.72 89.00 88.90 88.59 88.36 85.85 82.08 82.03 81.49

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

PLACEMENT	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	2,312,014 2,200,665 2,160,852 2,068,039 2,028,908 2,020,858 1,978,797 1,936,299 1,919,366 1,802,838	25,392 25,667 53,333 9,039 545 1,675 9,370 13,273 1,468 22,912	0.0110 0.0117 0.0247 0.0044 0.0003 0.0008 0.0047 0.0069 0.0008 0.0127	0.9890 0.9883 0.9753 0.9956 0.9997 0.9992 0.9953 0.9931 0.9992 0.9873	81.32 80.43 79.49 77.53 77.19 77.17 77.11 76.74 76.21 76.16
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	1,668,401 1,562,218 1,527,544 1,381,106 1,156,524 1,105,541 1,074,897 1,073,100 1,030,822 1,006,064	106,183 20,918 146,437 583 50,982 2,934 1,052 2,141 23,438	0.0636 0.0134 0.0959 0.0004 0.0441 0.0027 0.0010 0.0020 0.0227 0.0000	0.9364 0.9866 0.9041 0.9996 0.9559 0.9973 0.9990 0.9773 1.0000	75.19 70.40 69.46 62.80 62.77 60.01 59.85 59.79 59.67 58.31
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	906,401 906,401 905,229 905,035 904,695 896,909 841,163 840,585 839,441 824,384	1,172 194 340 3,989 55,746 579 1,144 15,056 2,651	0.0000 0.0013 0.0002 0.0004 0.0044 0.0622 0.0007 0.0014 0.0179 0.0032	1.0000 0.9987 0.9998 0.9996 0.9956 0.9378 0.9993 0.9986 0.9821 0.9968	58.31 58.31 58.24 58.23 58.20 57.95 54.35 54.31 54.23 53.26
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	824,137 818,317 816,687 823,410 823,127 822,775 817,725 817,027 816,910 816,910	5,820 173 283 352 5,007 697 117 2,062	0.0071 0.0000 0.0002 0.0003 0.0004 0.0061 0.0009 0.0001 0.0000 0.0025	0.9929 1.0000 0.9998 0.9997 0.9996 0.9939 0.9991 0.9999 1.0000 0.9975	53.09 52.72 52.72 52.70 52.69 52.66 52.34 52.30 52.29 52.29



ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

PLACEMENT	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	814,849 807,047	7,802	0.0096	0.9904	52.16 51.66
81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	807,047 800,794 800,794 800,794 800,794 757,936 757,936	6,253 757,936	0.0077 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9923 1.0000 1.0000 1.0000 1.0000 1.0000	51.66 51.26 51.26 51.26 51.26 51.26 51.26
89.5	. ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

PLACEMENT I	BAND 1905-2019		EXPER	RIENCE BAN	D 1980-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	9,724,528 9,580,913 10,176,810 10,075,914 10,146,722 10,216,889 10,322,309 9,697,329 9,714,601 9,820,683	917 3,653 546 3,136 5,305 135,124	0.0000 0.0000 0.0000 0.0000 0.0001 0.0004 0.0001 0.0003 0.0005 0.0138	1.0000 1.0000 1.0000 0.9999 0.9996 0.9999 0.9997 0.9995 0.9862	100.00 100.00 100.00 100.00 100.00 99.99 99.96 99.95 99.92 99.86
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	9,533,112 9,574,478 9,567,872 9,483,580 9,789,966 9,695,251 9,756,853 9,620,946 9,830,437 9,751,286	923 807 15,609 28,252 79,521 36,801 39,578 1,803 24,654 158,652	0.0001 0.0001 0.0016 0.0030 0.0081 0.0038 0.0041 0.0002 0.0025 0.0163	0.9999 0.9999 0.9984 0.9970 0.9919 0.9962 0.9959 0.9975 0.9837	98.49 98.48 98.47 98.31 98.02 97.22 96.85 96.46 96.44
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	9,818,129 8,603,677 8,669,619 8,040,803 8,056,077 7,852,406 7,798,487 7,788,976 7,771,943 7,681,954	27,530 8,803 31,182 42,674 110,671 5,168 11,330 86,084 25,916	0.0028 0.0010 0.0036 0.0053 0.0137 0.0007 0.0000 0.0015 0.0111 0.0034	0.9972 0.9990 0.9964 0.9947 0.9863 0.9993 1.0000 0.9985 0.9889 0.9966	94.63 94.37 94.27 93.93 93.43 92.15 92.09 92.09 91.96 90.94
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	7,658,813 7,758,284 7,222,545 7,021,745 2,015,737 2,009,316 1,911,593 1,764,473 1,544,415 1,486,541	20,000 163,311 9,283 27,569 7,349 81,596 121,796 1,908 10,258 1,559	0.0026 0.0210 0.0013 0.0039 0.0036 0.0406 0.0637 0.0011 0.0066 0.0010	0.9974 0.9790 0.9987 0.9961 0.9964 0.9594 0.9363 0.9989 0.9934 0.9990	90.63 90.39 88.49 88.38 88.03 87.71 84.15 78.79 78.70 78.18

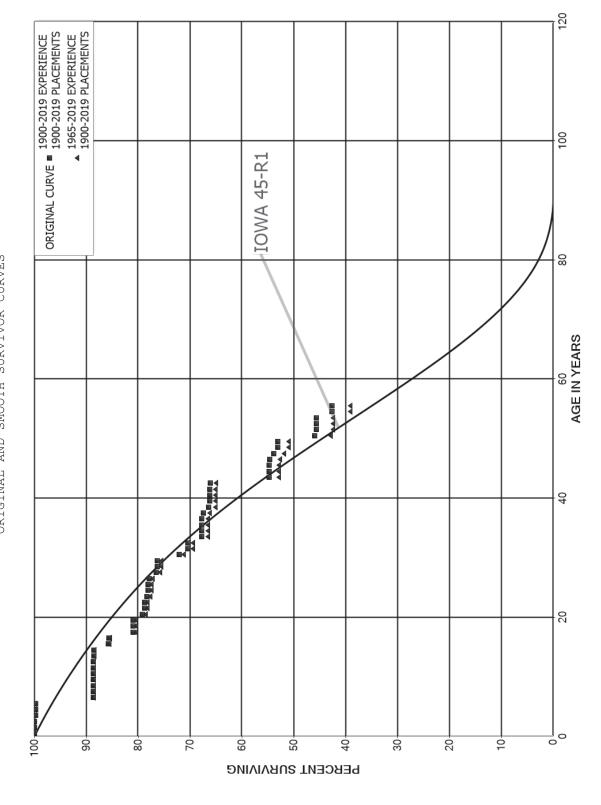
ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

PLACEMENT	BAND 1905-2019		EXPER	RIENCE BAN	D 1980-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	1,455,488 1,353,565 1,266,241 1,175,045 1,135,957 1,130,205 1,088,144 1,045,646 1,028,814 912,380	22,879 23,661 51,833 9,039 309 1,675 9,370 13,172	0.0157 0.0175 0.0409 0.0077 0.0003 0.0015 0.0086 0.0126 0.0000 0.0161	0.9843 0.9825 0.9591 0.9923 0.9997 0.9985 0.9914 0.9874 1.0000 0.9839	78.10 76.87 75.53 72.43 71.88 71.86 71.75 71.13 70.24 70.24
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	786,165 679,982 645,308 498,870 274,288 1,053,536 1,071,100 1,069,303 1,027,025 1,002,267	106,183 20,918 146,437 583 50,982 2,934 1,052 2,141 23,438	0.1351 0.0308 0.2269 0.0012 0.1859 0.0028 0.0010 0.0020 0.0228 0.0000	0.8649 0.9692 0.7731 0.9988 0.8141 0.9972 0.9990 0.9980 0.9772 1.0000	69.11 59.77 57.93 44.79 44.73 36.42 36.32 36.28 36.21 35.38
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	902,604 902,604 901,432 901,238 900,898 896,909 841,163 840,585 839,441 824,384	1,172 194 340 3,989 55,746 579 1,144 15,056 2,651	0.0000 0.0013 0.0002 0.0004 0.0044 0.0622 0.0007 0.0014 0.0179 0.0032	1.0000 0.9987 0.9998 0.9996 0.9956 0.9378 0.9993 0.9986 0.9821 0.9968	35.38 35.38 35.34 35.33 35.32 35.16 32.98 32.95 32.91 32.32
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	824,137 818,317 816,687 815,608 815,325 822,775 817,725 817,027 816,910 816,910	5,820 173 283 352 5,007 697 117 2,062	0.0071 0.0000 0.0002 0.0003 0.0004 0.0061 0.0009 0.0001 0.0000 0.0025	0.9929 1.0000 0.9998 0.9997 0.9996 0.9939 0.9991 0.9999 1.0000 0.9975	32.21 31.99 31.99 31.98 31.97 31.95 31.76 31.73 31.73

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

PLACEMENT	BAND 1905-2019		EXPER	RIENCE BAN	D 1980-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5	814,849 807,047	7,802	0.0096	0.9904 1.0000	31.65 31.34
81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	807,047 800,794 800,794 800,794 800,794 757,936 757,936	6,253 757,936	0.0077 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9923 1.0000 1.0000 1.0000 1.0000 1.0000	31.34 31.10 31.10 31.10 31.10 31.10 31.10
89.5	,	,			

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS
ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

PLACEMENT E	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	1,149,959 839,909 856,568 895,790 894,379 894,379 873,282 599,742 599,742 542,703	752 1,705 97,320	0.0000 0.0000 0.0009 0.0019 0.0000 0.0000 0.1114 0.0000 0.0000	1.0000 1.0000 0.9991 0.9981 1.0000 1.0000 0.8886 1.0000 1.0000	100.00 100.00 100.00 99.91 99.72 99.72 99.72 88.61 88.61 88.61
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	542,703 496,999 496,618 482,230 481,807 400,272 387,749 272,880 250,083	423 12,522 536 15,026	0.0000 0.0000 0.0000 0.0009 0.0000 0.0313 0.0014 0.0551 0.0000	1.0000 1.0000 1.0000 0.9991 1.0000 0.9687 0.9986 0.9449 1.0000	88.61 88.61 88.61 88.53 88.53 85.76 85.64 80.93 80.93
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	250,083 198,704 243,609 243,609 242,221 241,348 241,491 240,846 235,377 234,852	5,552 922 1,388 872 645 4,207 721	0.0222 0.0046 0.0000 0.0057 0.0036 0.0000 0.0027 0.0175 0.0031 0.0000	0.9778 0.9954 1.0000 0.9943 0.9964 1.0000 0.9973 0.9825 0.9969 1.0000	80.93 79.13 78.76 78.76 78.31 78.03 78.03 77.82 76.46 76.23
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	234,091 221,435 216,252 216,252 208,055 207,972 203,634 203,634 202,557 199,214	12,656 5,183 8,198 82 1,077 2,963 674	0.0541 0.0234 0.0000 0.0379 0.0004 0.0000 0.0053 0.0146 0.0034	0.9459 0.9766 1.0000 0.9621 0.9996 1.0000 1.0000 0.9947 0.9854 0.9966	76.23 72.11 70.42 70.42 67.75 67.72 67.72 67.72 67.37 66.38

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

PLACEMENT E	BAND 1900-2019		EXPER	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	163,351 163,351 163,351 163,138 135,222 135,222 135,222 134,477 131,838 129,924	213 27,917 288 1,908 1,914	0.0000 0.0000 0.0013 0.1711 0.0000 0.0000 0.0021 0.0142 0.0145 0.0000	1.0000 1.0000 0.9987 0.8289 1.0000 1.0000 0.9979 0.9858 0.9855 1.0000	66.16 66.16 66.16 66.07 54.76 54.76 54.76 54.65 53.87 53.09
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	90,357 78,173 77,647 77,647 77,647 72,621 15,444 15,444 15,444	12,184 526 5,026	0.1348 0.0067 0.0000 0.0000 0.0647 0.0000 0.0000 0.0000	0.8652 0.9933 1.0000 1.0000 0.9353 1.0000 1.0000 1.0000	53.09 45.93 45.62 45.62 45.62 42.67 42.67 42.67 42.67
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	15,150 15,150 15,150 15,150 15,150 42,858 42,858 42,858 42,858 42,858	126 269	0.0000 0.0000 0.0000 0.0000 0.0083 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 0.9917 1.0000 1.0000 1.0000 0.9937 1.0000	42.67 42.67 42.67 42.67 42.31 42.31 42.31 42.31 42.31
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5	42,590 42,590 42,590 42,590 42,590 42,590 42,519 42,519 42,519	71	0.0000 0.0000 0.0000 0.0000 0.0000 0.0017 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9983 1.0000 1.0000	42.05 42.05 42.05 42.05 42.05 42.05 42.05 41.98 41.98

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

PLACEMENT	BAND 1900-2019		EXPE	RIENCE BAN	D 1900-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	42,519 42,375 42,375 42,375 42,375 42,375 42,375 42,375 42,375		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	41.98 41.98 41.98 41.98 41.98 41.98 41.98 41.98 41.98
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	42,375 42,087 42,087 42,087 42,087 42,087 42,087 42,087 42,087	288	0.0068 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9932 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	41.98 41.69 41.69 41.69 41.69 41.69 41.69 41.69 41.69
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	42,087 42,087 42,087 42,087 42,087 42,087 42,087 42,087 27,420 27,420	14,667	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.3485 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.6515 1.0000	41.69 41.69 41.69 41.69 41.69 41.69 41.69 27.16
109.5 110.5 111.5 112.5 113.5 114.5 115.5 116.5 117.5 118.5	27,420 27,420 27,420 27,420 22,106 22,106 22,106 22,106 22,106 22,106 22,106		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16



ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 1965-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	1,018,548 823,290 839,949 879,171 877,760 878,039 857,311 583,770 583,770 526,731	752 1,705 97,320	0.0000 0.0000 0.0009 0.0019 0.0000 0.0000 0.1135 0.0000 0.0000	1.0000 1.0000 0.9991 0.9981 1.0000 1.0000 0.8865 1.0000 1.0000	100.00 100.00 100.00 99.91 99.72 99.72 99.72 88.40 88.40 88.40
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	526,731 481,028 480,647 466,258 465,835 384,300 371,778 256,909 234,111	423 12,522 536 15,026	0.0000 0.0000 0.0000 0.0009 0.0000 0.0326 0.0014 0.0585 0.0000	1.0000 1.0000 1.0000 0.9991 1.0000 0.9674 0.9986 0.9415 1.0000	88.40 88.40 88.40 88.32 88.32 85.44 85.32 80.33
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	234,111 182,732 227,928 227,928 226,539 225,667 226,079 225,434 219,965 219,440	5,552 922 1,388 872 645 4,207 525	0.0237 0.0050 0.0000 0.0061 0.0039 0.0000 0.0029 0.0187 0.0024 0.0000	0.9763 0.9950 1.0000 0.9939 0.9961 1.0000 0.9971 0.9813 0.9976 1.0000	80.33 78.42 78.03 78.03 77.55 77.25 77.25 77.03 75.59 75.41
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	218,679 206,022 200,840 200,840 192,642 192,560 188,221 188,221 187,144 183,802	12,656 5,183 8,198 82 1,077 2,963	0.0579 0.0252 0.0000 0.0408 0.0004 0.0000 0.0000 0.0057 0.0158 0.0000	0.9421 0.9748 1.0000 0.9592 0.9996 1.0000 1.0000 0.9943 0.9842 1.0000	75.41 71.05 69.26 69.26 66.43 66.41 66.41 66.41 66.03 64.98

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

PLACEMENT E	BAND 1900-2019		EXPE	RIENCE BAN	D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	148,613 148,613 148,613 148,400 120,483 120,483 120,483 119,739 117,099 115,185	213 27,917 288 1,908 1,914	0.0000 0.0000 0.0014 0.1881 0.0000 0.0000 0.0024 0.0159 0.0163 0.0000	1.0000 1.0000 0.9986 0.8119 1.0000 1.0000 0.9976 0.9841 0.9837 1.0000	64.98 64.98 64.99 52.68 52.68 52.55 51.72 50.87
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	75,618 63,435 62,909 62,909 62,909 57,882 706 706 706 5,726	12,184 526 5,026	0.1611 0.0083 0.0000 0.0000 0.0799 0.0000 0.0000 0.0000	0.8389 0.9917 1.0000 1.0000 0.9201 1.0000 1.0000 1.0000	50.87 42.68 42.32 42.32 42.32 38.94 38.94 38.94 38.94
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5	5,726 5,726 5,726 5,726 5,726 42,858 42,858 42,858 42,858	269	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0063 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9937 1.0000	38.94 38.94 38.94 38.94 38.94 38.94 38.94 38.94 38.94
69.5 70.5 71.5 72.5 73.5 74.5 75.5 76.5 77.5 78.5	42,590 42,590 42,590 42,590 42,590 42,590 42,519 42,519 42,519	71	0.0000 0.0000 0.0000 0.0000 0.0000 0.0017 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9983 1.0000 1.0000	38.70 38.70 38.70 38.70 38.70 38.70 38.63 38.63 38.63



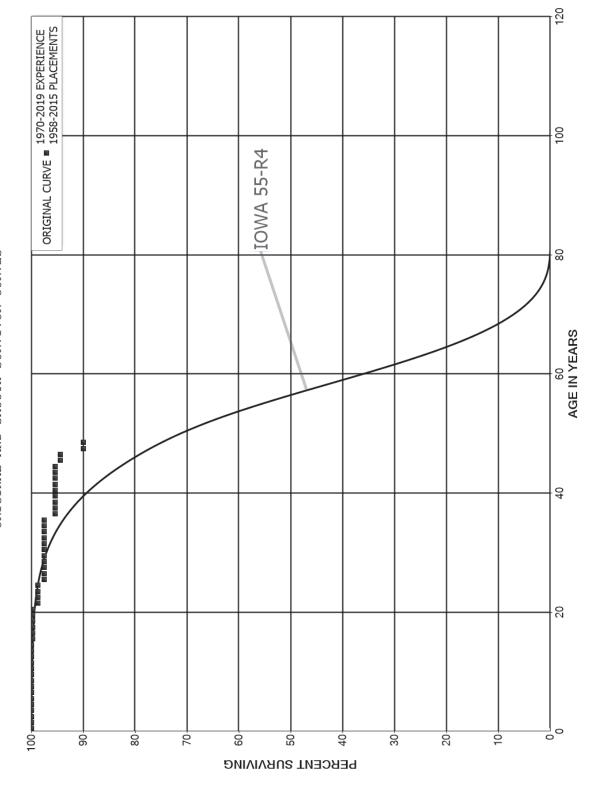
ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

PLACEMENT I	BAND 1900-2019		EXPE	RIENCE BAN	D 1965-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5 80.5 81.5 82.5 83.5 84.5 85.5 86.5 87.5 88.5	42,519 42,375 42,375 42,375 42,375 42,375 42,375 42,375 42,375		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	38.63 38.63 38.63 38.63 38.63 38.63 38.63 38.63 38.63
89.5 90.5 91.5 92.5 93.5 94.5 95.5 96.5 97.5 98.5	42,375 42,087 42,087 42,087 42,087 42,087 42,087 42,087 42,087	288	0.0068 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.9932 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	38.63 38.37 38.37 38.37 38.37 38.37 38.37 38.37 38.37
99.5 100.5 101.5 102.5 103.5 104.5 105.5 106.5 107.5	42,087 42,087 42,087 42,087 42,087 42,087 42,087 42,087 27,420 27,420	14,667	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.3485 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.6515 1.0000	38.37 38.37 38.37 38.37 38.37 38.37 38.37 25.00 25.00
109.5 110.5 111.5 112.5 113.5 114.5 115.5 116.5 117.5 118.5	27,420 27,420 27,420 27,420 22,106 22,106 22,106 22,106 22,106 22,106		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00



LOUISVILLE GAS AND ELECTRIC COMPANY COMMON PLANT

ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE

PLACEMENT E	BAND 1958-2015	EXPE	EXPERIENCE BAND 1970-2019		
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	1,078,757 1,078,757 1,079,896 1,079,896 1,079,896 1,058,422 1,064,838 1,064,838	433	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0004 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9996 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 99.96 99.96
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5 18.5	918,980 894,909 855,486 855,486 859,842 699,185 697,904 697,904 629,800 625,887	1,281	0.0000 0.0000 0.0000 0.0000 0.0000 0.0018 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.9982 1.0000 1.0000 1.0000	99.96 99.96 99.96 99.96 99.96 99.78 99.78 99.78
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	92,723 92,723 91,714 91,714 91,714 91,714 90,576 38,123 38,123 38,123	1,009 1,138	0.0000 0.0109 0.0000 0.0000 0.0000 0.0124 0.0000 0.0000 0.0000	1.0000 0.9891 1.0000 1.0000 0.9876 1.0000 1.0000 1.0000	99.78 99.78 98.69 98.69 98.69 97.47 97.47 97.47
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	37,617 37,617 37,617 35,941 35,941 34,928 34,928 34,167 34,167	761	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0218 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 0.9782 1.0000 1.0000	97.47 97.47 97.47 97.47 97.47 97.47 97.47 95.34 95.34

ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE

ORIGINAL LIFE TABLE, CONT.

PLACEMENT I	EXPERIENCE BAND 1970-2019				
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL		RETMT RATIO		PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	34,167 34,167 34,167 34,167 34,167 34,167 33,824 33,824	0 343 1,574	0.0000	1.0000 1.0000 1.0000 1.0000 0.9900 1.0000 0.9535	94.39
47.5 48.5 49.5	32,250 32,250 23,010		0.0000	1.0000 1.0000 1.0000	89.99
50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5 58.5	23,010 23,010 21,675 21,675 17,839 17,839 17,469 14,306		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	89.99 89.99 89.99 89.99 89.99 89.99 89.99
59.5 60.5	3,595 3,595		0.0000	1.0000	89.99 89.99

61.5

89.99

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES

40 ORIGINAL CURVE = 2009-2019 PLACEMENTS 30 IOWA 9-S2.5 25 AGE IN YEARS 9 Ŋ اه 1001 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ SURVIVING

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

PLACEMENT	BAND 2009-2019		EXPER	RIENCE BAN	D 2015-2019
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 0.5 1.5 2.5 3.5 4.5	32,203 8,650 8,650		0.0000 0.0000 0.0000	1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00
5.5 6.5 7.5 8.5	20,757 20,757 20,757	20,757	0.0000 0.0000 1.0000		

LOUISVILLE GAS AND ELECTRIC COMPANY COMMON PLANT

ORIGINAL CURVE = 1984-2019 EXPERIENCE 1984-2018 PLACEMENTS ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER IOWA 13-S1 ORIGINAL AND SMOOTH SURVIVOR CURVES

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AGE IN YEARS

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РЕВСЕИТ ЗИВУІУІИС

40

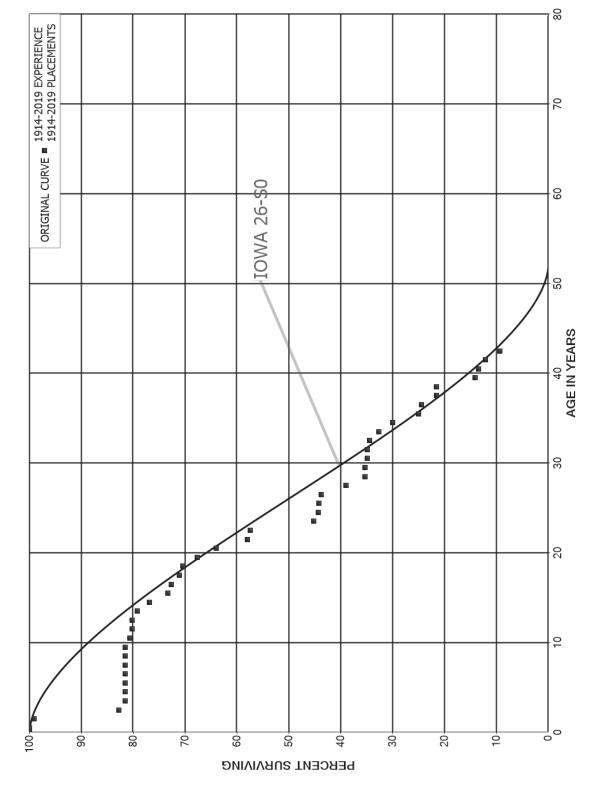
30

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

PLACEMENT 1	BAND 1984-2018		EXPE	RIENCE BAN	D 1984-2019
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 0.5 1.5 2.5 3.5 4.5	631,615 634,504 637,579 599,549 599,549 599,549 587,548	12,001	0.0317 0.0000 0.0000 0.0000 0.0000 0.0200 0.0000	0.9683 1.0000 1.0000 1.0000 0.9800 1.0000	100.00 96.83 96.83 96.83 96.83 96.83 94.89
6.5 7.5 8.5	566,790 404,086 273,543	90,989 17,675 66,147	0.1605 0.0437 0.2418	0.8395 0.9563 0.7582	94.89 79.66 76.17
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	207,395 207,395 207,395 195,474 142,201 121,712 118,209 88,322 69,426 69,426	11,921 53,273 20,489 3,503 29,887 18,895	0.0000 0.0000 0.0575 0.2725 0.1441 0.0288 0.2528 0.2139 0.0000 0.0554	1.0000 1.0000 0.9425 0.7275 0.8559 0.9712 0.7472 0.7861 1.0000 0.9446	57.75 57.75 57.75 54.43 39.60 33.89 32.92 24.59 19.33 19.33
19.5 20.5 21.5	65,584 65,584		0.0000	1.0000	18.26 18.26 18.26

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS LOUISVILLE GAS AND ELECTRIC COMPANY COMMON PLANT

ORIGINAL AND SMOOTH SURVIVOR CURVES



ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

PLACEMENT E	BAND 1914-2019		EXPE	RIENCE BAN	D 1914-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	627,462 636,422 606,623 456,142 438,457 431,781 433,754 359,485 332,057 324,557	5,606 100,519 6,626 100	0.0000 0.0088 0.1657 0.0145 0.0000 0.0002 0.0000 0.0000 0.0000	1.0000 0.9912 0.8343 0.9855 1.0000 0.9998 1.0000 1.0000	100.00 100.00 99.12 82.69 81.49 81.47 81.47 81.47
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	296,497 299,363 282,882 281,727 266,016 250,989 223,454 194,706 203,691 193,652	3,134 1,648 163 3,460 7,758 11,471 2,277 4,190 1,660 7,894	0.0106 0.0055 0.0006 0.0123 0.0292 0.0457 0.0102 0.0215 0.0081 0.0408	0.9894 0.9945 0.9994 0.9877 0.9708 0.9543 0.9898 0.9785 0.9919 0.9592	81.47 80.61 80.17 80.12 79.14 76.83 73.32 72.57 71.01 70.43
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5	185,340 160,815 134,863 133,626 105,252 102,001 101,755 98,305 82,554 66,832	9,802 15,293 1,237 28,373 2,129 246 1,051 10,777 7,704	0.0529 0.0951 0.0092 0.2123 0.0202 0.0024 0.0103 0.1096 0.0933 0.0000	0.9471 0.9049 0.9908 0.7877 0.9798 0.9976 0.9897 0.8904 0.9067 1.0000	67.56 63.99 57.90 57.37 45.19 44.28 44.17 43.71 38.92 35.29
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	63,311 62,572 60,243 56,244 51,367 47,212 28,526 27,765 23,526 23,526	739 923 2,913 4,155 7,858 660 3,230 8,203	0.0117 0.0000 0.0153 0.0518 0.0809 0.1664 0.0231 0.1163 0.0000 0.3487	0.9883 1.0000 0.9847 0.9482 0.9191 0.8336 0.9769 0.8837 1.0000 0.6513	35.29 34.88 34.88 34.34 32.56 29.93 24.95 24.37 21.54

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1914-2019		EXPEF	RIENCE BAN	D 1914-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5	14,617 11,348 10,075 7,816 7,701 1,936 1,936 991	1,148	0.0459 0.1012 0.2242 0.0000 0.7486 0.0000 0.4881 0.0000	0.9541 0.8988 0.7758 1.0000 0.2514 1.0000 0.5119 1.0000	14.03 13.38 12.03 9.33 9.33 2.35 2.35 1.20
47.5 48.5	991 991	275	0.0000 0.2775	1.0000 0.7225	1.20 1.20
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	716 716 115 115 115 115 115 115 115	601	0.0000 0.8394 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 0.1606 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.87 0.87 0.14 0.14 0.14 0.14 0.14 0.14 0.14
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5	115 115 115 115 115 115 115 115	115	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14

68.5

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNTS 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY
ORIGINAL AND SMOOTH SURVIVOR CURVES

9 ORIGINAL CURVE ■ 1966-2019 EXPERIENCE 1966-2019 PLACEMENTS 2000-2019 EXPERIENCE 1966-2019 PLACEMENTS 20 **IOWA 26-S2** AGE IN YEARS 4 4 4 ■ ▼ ▼ ▼ 20 9 اه 1001 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИС

ACCOUNTS 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

PLACEMENT E	BAND 1966-2019		EXPE	RIENCE BAN	D 1966-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	866,506 806,147 723,824 524,694 524,694 497,669 497,669 497,669 497,669		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	480,614 462,708 462,708 462,708 462,708 462,708 387,655 387,655 387,655	75 , 053	0.0000 0.0000 0.0000 0.0000 0.0000 0.1622 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.8378 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 83.78 83.78 83.78 83.78
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	387,655 261,447 327,031 327,031 296,213 269,587 195,646 195,646 195,646	126,208 26,626	0.3256 0.0000 0.0000 0.0000 0.0899 0.0000 0.0000 0.0000	0.6744 1.0000 1.0000 0.9101 1.0000 1.0000 1.0000 1.0000	83.78 56.50 56.50 56.50 51.42 51.42 51.42 51.42 51.42
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	132,122 132,122 29,479 891 891 891 891	72,447 2,242 891	0.0000 0.5483 0.0760 0.0000 0.0000 0.0000 0.0000	1.0000 0.4517 0.9240 1.0000 1.0000 1.0000	51.42 51.42 23.23 21.46 21.46 21.46 21.46 21.46

ACCOUNTS 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

PLACEMENT E	BAND 1966-2019		EXPE	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5 8.5	403,797 343,439 261,116 61,986 61,986 34,961 43,318 43,318 43,318		0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	89,786 71,881 132,895 306,741 333,367 333,367 258,314 258,314 384,522 384,522	75 , 053	0.0000 0.0000 0.0000 0.0000 0.0000 0.2251 0.0000 0.0000 0.0000	1.0000 1.0000 1.0000 1.0000 0.7749 1.0000 1.0000 1.0000	100.00 100.00 100.00 100.00 100.00 100.00 77.49 77.49 77.49
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	384,522 258,314 323,898 323,898 293,080 266,454 192,513 192,513 192,513	126,208 26,626	0.3282 0.0000 0.0000 0.0000 0.0908 0.0000 0.0000 0.0000	0.6718 1.0000 1.0000 0.9092 1.0000 1.0000 1.0000 1.0000	77.49 52.05 52.05 52.05 52.05 47.32 47.32 47.32 47.32 47.32
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5	131,231 131,231 28,587 891 891 891	72,447 2,242 891	0.0000 0.5521 0.0784 0.0000 0.0000 0.0000	1.0000 0.4479 0.9216	47.32 47.32 21.20 19.54

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER
ORIGINAL AND SMOOTH SURVIVOR CURVES

8 ORIGINAL CURVE = 1924-2019 EXPERIENCE 1924-2019 PLACEMENTS 2 9 IOWA 24-L2.5 AGE IN YEARS 3 20 9 100 9 80 70 -09 50-40 30 20 10 РЕВСЕИТ ЗИВУІУІИС

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

PLACEMENT E	BAND 1924-2019		EXPE	RIENCE BAN	D 1924-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	460,829 445,579 395,448 392,257 393,240 408,107 405,886 406,174 407,583 407,146	170 3,491 393 6,908 3,291 1,137 150	0.0000 0.0004 0.0088 0.0000 0.0010 0.0169 0.0000 0.0081 0.0028 0.0004	1.0000 0.9996 0.9912 1.0000 0.9990 0.9831 1.0000 0.9919 0.9972 0.9996	100.00 100.00 99.96 99.08 99.08 97.30 97.30 96.52 96.25
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	406,996 410,046 401,301 400,382 380,811 376,244 352,165 359,550 347,306 286,619	10,295 95 20,272 1,880 12,156 5,473 12,544 27,547 14,952	0.0000 0.0251 0.0002 0.0506 0.0049 0.0323 0.0155 0.0349 0.0793 0.0522	1.0000 0.9749 0.9998 0.9494 0.9951 0.9677 0.9845 0.9651 0.9207 0.9478	96.21 96.21 93.80 93.77 89.03 88.59 85.72 84.39 81.45 74.99
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	309,850 303,821 302,771 249,859 203,757 130,179 138,221 136,214 142,261 89,713	7,566 1,050 50,649 46,102 29,956 25,150 2,007 6,150 52,548 450	0.0244 0.0035 0.1673 0.1845 0.1470 0.1932 0.0145 0.0451 0.3694 0.0050	0.9756 0.9965 0.8327 0.8155 0.8530 0.8068 0.9855 0.9549 0.6306 0.9950	71.08 69.34 69.10 57.54 46.92 40.03 32.29 31.82 30.39 19.16
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	89,263 77,685 62,678 57,202 49,718 45,626 45,333 45,091 39,301 38,225	11,578 860 5,476 7,484 4,092 293 242 5,790 1,076 1,154	0.1297 0.0111 0.0874 0.1308 0.0823 0.0064 0.0053 0.1284 0.0274 0.0302	0.8703 0.9889 0.9126 0.8692 0.9177 0.9936 0.9947 0.8716 0.9726 0.9698	19.07 16.59 16.41 14.98 13.02 11.95 11.87 11.81 10.29 10.01

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

ORIGINAL LIFE TABLE, CONT.

PLACEMENT E	BAND 1924-2019		EXPER	RIENCE BAN	D 1924-2019
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5 40.5 41.5 42.5 43.5 44.5 45.5 46.5 47.5 48.5	37,071 32,384 29,909 25,843 25,543 25,464 23,014 21,514 16,289 15,439	4,066 300 79 2,450 1,500 5,225	0.1264 0.0764 0.1359 0.0116 0.0031 0.0962 0.0652 0.2429 0.0522 0.0648	0.8736 0.9236 0.8641 0.9884 0.9969 0.9038 0.9348 0.7571 0.9478 0.9352	9.71 8.48 7.83 6.77 6.69 6.67 6.03 5.63 4.26 4.04
49.5 50.5 51.5 52.5 53.5 54.5 55.5 56.5 57.5	14,439 11,768 11,568 11,268 2,537 2,537 2,537 2,537 2,537 2,537	2,671 200 300 8,731	0.1850 0.0170 0.0259 0.7748 0.0000 0.0000 0.0000 0.0000 0.0000	0.8150 0.9830 0.9741 0.2252 1.0000 1.0000 1.0000 1.0000 1.0000	3.78 3.08 3.03 2.95 0.66 0.66 0.66 0.66
59.5 60.5 61.5 62.5 63.5 64.5 65.5 66.5 67.5 68.5	2,537 2,537 2,537 2,537 2,537 2,537 2,537 2,537 2,537 2,537 2,437	100	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0394 0.0000	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9606 1.0000	0.66 0.66 0.66 0.66 0.66 0.66 0.66 0.66
69.5	2,437	2,437	1.0000		0.64

70.5

LOUISVILLE GAS AND ELECTRIC COMPANY
COMMON PLANT
ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER
ORIGINAL AND SMOOTH SURVIVOR CURVES

8 2000-2019 EXPERIENCE 1936-2019 PLACEMENTS ORIGINAL CURVE ■ 1936-2019 EXPERIENCE 1936-2019 PLACEMENTS 2 9 IOWA 20-L2.5 AGE IN YEARS 39 2 9 اه 9 9 80 70 -09 50-40 30-20 10 РЕВСЕИТ ЗИВУІУІИС

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER

PLACEMENT H	BAND 1936-2019		EXPEF	RIENCE BAN	D 1936-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	57,330,695 57,123,909 58,616,144 59,757,882 53,716,464 52,593,004 46,416,630 44,854,703 44,186,769 42,660,200	2,431 16,932 43,542 31,937 148,244 810,665 1,031,214 144,840 782,192 304,007	0.0000 0.0003 0.0007 0.0005 0.0028 0.0154 0.0222 0.0032 0.0177 0.0071	1.0000 0.9997 0.9993 0.9995 0.9972 0.9846 0.9778 0.9968 0.9823 0.9929	100.00 100.00 99.97 99.89 99.84 99.56 98.03 95.85 95.54 93.85
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	40,662,699 38,057,925 35,817,180 33,615,020 30,563,563 27,910,539 25,005,419 20,747,211 11,405,043 11,210,171	1,481,137 1,522,138 416,867 2,938,721 446,338 2,313,453 4,116,961 6,640,044 226,102 573,324	0.0364 0.0400 0.0116 0.0874 0.0146 0.0829 0.1646 0.3200 0.0198 0.0511	0.9636 0.9600 0.9884 0.9126 0.9854 0.9171 0.8354 0.6800 0.9802 0.9489	93.18 89.79 86.20 85.19 77.74 76.61 70.26 58.69 39.91 39.12
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	10,616,057 8,975,532 8,079,779 6,763,677 6,333,143 5,988,380 4,992,392 4,783,904 3,675,208 3,400,050	1,475,884 733,121 1,022,403 320,235 349,931 480,914 204,297 1,110,703 275,159 167,012	0.1390 0.0817 0.1265 0.0473 0.0553 0.0803 0.0409 0.2322 0.0749 0.0491	0.8610 0.9183 0.8735 0.9527 0.9447 0.9197 0.9591 0.7678 0.9251 0.9509	37.12 31.96 29.35 25.63 24.42 23.07 21.22 20.35 15.62 14.45
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	3,171,460 2,765,437 2,130,571 1,630,503 1,381,940 1,269,315 1,185,047 882,202 830,036 728,774	406,004 634,866 500,068 248,563 105,705 84,268 302,845 52,165 101,262 74,254	0.1280 0.2296 0.2347 0.1524 0.0765 0.0664 0.2556 0.0591 0.1220 0.1019	0.8720 0.7704 0.7653 0.8476 0.9235 0.9336 0.7444 0.9409 0.8780 0.8981	13.74 11.98 9.23 7.07 5.99 5.53 5.16 3.84 3.62 3.18

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1936-2019 EXPERIENCE BAND 1936-2019 RETIREMENTS DURING AGE PCT SURV AGE AT EXPOSURES AT BEGIN OF BEGINNING OF SURV RETMT BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 39.5 654,520 46,374 0.0709 0.9291 2.85 40.5 64,774 0.1065 0.8935 608,147 2.65 41.5 543,373 74,572 0.1372 0.8628 2.37 42.5 468,800 37,496 0.0800 0.9200 2.04 43.5 431,304 19,874 0.0461 0.9539 1.88 44.5 411,430 59,720 0.1452 0.8548 1.79 45.5 351,710 43,411 0.1234 0.8766 1.53 117,759 0.3820 0.6180 25,157 0.1320 0.8680 46.5 308,299 1.34 47.5 190,540 0.83 48.5 165,427 10,964 0.0663 0.9337 0.72 49.5 154,463 13,582 0.0879 0.9121 0.67 50.5 140,881 18,337 0.1302 0.8698 0.61 122,543 0.7296 51.5 33,134 0.2704 0.53 21,471 52.5 89,409 0.2401 0.7599 0.39 67**,**938 53.5 21,048 0.3098 0.6902 0.30 5,225 0.1114 0.8886 46,891 54.5 0.20 55.5 41,665 4,976 0.1194 0.8806 0.18 56.5 36,690 25,965 0.7077 0.2923 0.16 57.5 10,725 0.0000 1.0000 0.05 58.5 10,725 0.0000 1.0000 0.05 10,725 59.5 0.0000 1.0000 0.05 60.5 10,725 1,155 0.1077 0.8923 0.05 61.5 9,570 0.0000 1.0000 0.04 62.5 9,570 7,444 0.7778 0.2222 0.04 63.5 2,127 0.0000 1.0000 0.01 64.5 2,127 0.0000 1.0000 0.01 65.5 2,127 0.0000 1.0000 0.01 66.5 2,127 0.0000 1.0000 0.01 67.5 2,127 0.0000 1.0000 0.01 1.0000 68.5 2,127 0.0000 0.01 2,127 69.5 0.0000 1.0000 0.01 70.5 2,127 0.0000 1.0000 0.01 71.5 2,127 0.0000 1.0000 0.01 72.5 2,127 0.0000 1.0000 0.01 73.5 2,127 2,127 1.0000 0.01

74.5

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER

PLACEMENT H	BAND 1936-2019		EXPEF	RIENCE BAN	D 2000-2019
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 0.5 1.5 2.5 3.5 4.5 5.5 6.5 7.5	35,820,183 38,480,830 38,618,228 39,943,426 34,232,003 37,879,160 33,018,895 32,800,288 33,574,433 32,895,530	11,504 139,320 461,558 12,856 516,249 104,189	0.0000 0.0000 0.0000 0.0003 0.0037 0.0140 0.0004 0.0154 0.0032	1.0000 1.0000 1.0000 1.0000 0.9997 0.9963 0.9860 0.9996 0.9846 0.9968	100.00 100.00 100.00 100.00 100.00 99.97 99.60 98.21 98.17 96.66
9.5 10.5 11.5 12.5 13.5 14.5 15.5 16.5 17.5	31,463,105 29,411,655 28,523,876 26,849,935 25,067,999 23,899,112 21,203,889 17,295,757 8,469,295 8,578,249	1,415,108 164,349 265,997 2,618,796 361,692 2,232,593 3,977,818 6,584,470 128,611 526,262	0.0450 0.0056 0.0093 0.0975 0.0144 0.0934 0.1876 0.3807 0.0152 0.0613	0.9550 0.9944 0.9907 0.9025 0.9856 0.9066 0.8124 0.6193 0.9848 0.9387	96.35 92.02 91.50 90.65 81.81 80.63 73.10 59.38 36.78 36.22
19.5 20.5 21.5 22.5 23.5 24.5 25.5 26.5 27.5 28.5	8,269,541 6,903,616 6,202,386 5,167,751 5,038,582 4,989,673 4,203,920 4,041,403 2,980,330 2,776,089	1,436,986 585,733 938,483 270,363 283,738 432,612 181,675 1,107,672 270,244 159,316	0.1738 0.0848 0.1513 0.0523 0.0563 0.0867 0.0432 0.2741 0.0907 0.0574	0.8262 0.9152 0.8487 0.9477 0.9437 0.9133 0.9568 0.7259 0.9093 0.9426	34.00 28.09 25.71 21.82 20.67 19.51 17.82 17.05 12.38 11.25
29.5 30.5 31.5 32.5 33.5 34.5 35.5 36.5 37.5 38.5	2,630,900 2,280,146 1,669,805 1,235,748 1,037,877 1,022,831 969,554 693,092 655,100 566,632	389,784 629,945 498,699 248,563 104,996 77,783 286,119 51,667 94,792 69,862	0.1482 0.2763 0.2987 0.2011 0.1012 0.0760 0.2951 0.0745 0.1447 0.1233	0.8518 0.7237 0.7013 0.7989 0.8988 0.9240 0.7049 0.9255 0.8553 0.8767	10.61 9.04 6.54 4.59 3.66 3.29 3.04 2.14 1.99 1.70

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1936-2019 EXPERIENCE BAND 2000-2019 RETIREMENTS PCT SURV AGE AT EXPOSURES AT DURING AGE BEGIN OF BEGINNING OF RETMT SURV BEGIN OF INTERVAL AGE INTERVAL INTERVAL RATIO RATIO INTERVAL 41,235 39.5 535,373 0.0770 0.9230 1.49 64,774 40.5 517,337 0.1252 0.8748 1.37 41.5 488,566 74,037 0.8485 0.1515 1.20 42.5 417,310 37,496 0.0899 0.9101 1.02 43.5 387,773 19,874 0.0513 0.9487 0.93 44.5 396,308 59,720 0.1507 0.8493 0.88 45.5 336,588 43,411 0.1290 0.8710 0.75 117,715 0.4015 0.5985 46.5 293,177 0.65 25,157 0.1434 0.8566 47.5 175,461 0.39 48.5 150,305 10,964 0.0729 0.9271 0.33 49.5 139,340 13,582 0.0975 0.9025 0.31 50.5 136,153 15,736 0.1156 0.8844 0.28 51.5 120,417 0.2752 33,134 0.7248 0.25 87,283 52.5 21,471 0.2460 0.7540 0.18 21,048 0.3198 53.5 65,812 0.6802 0.14 5,225 0.1167 44,764 54.5 0.8833 0.09 55.5 39,539 4,976 0.1258 0.8742 0.08 56.5 34,563 25,965 0.7512 0.2488 0.07 57.5 8,599 0.0000 1.0000 0.02 58.5 8,599 0.0000 1.0000 0.02 8,599 59.5 0.0000 1.0000 0.02 1,155 0.1343 0.8657 60.5 8,599 0.02 61.5 7,444 0.0000 1.0000 0.02 62.5 7,444 7,444 1.0000 0.02 2,127 0.0000 63.5 1.0000 64.5 2,127 0.0000 65.5 2,127 0.0000 66.5 2,127 0.0000 67.5 2,127 0.0000 0.0000 68.5 2,127 2,127 69.5 0.0000 70.5 2,127 0.0000 71.5 2,127 0.0000 72.5 2,127 0.0000

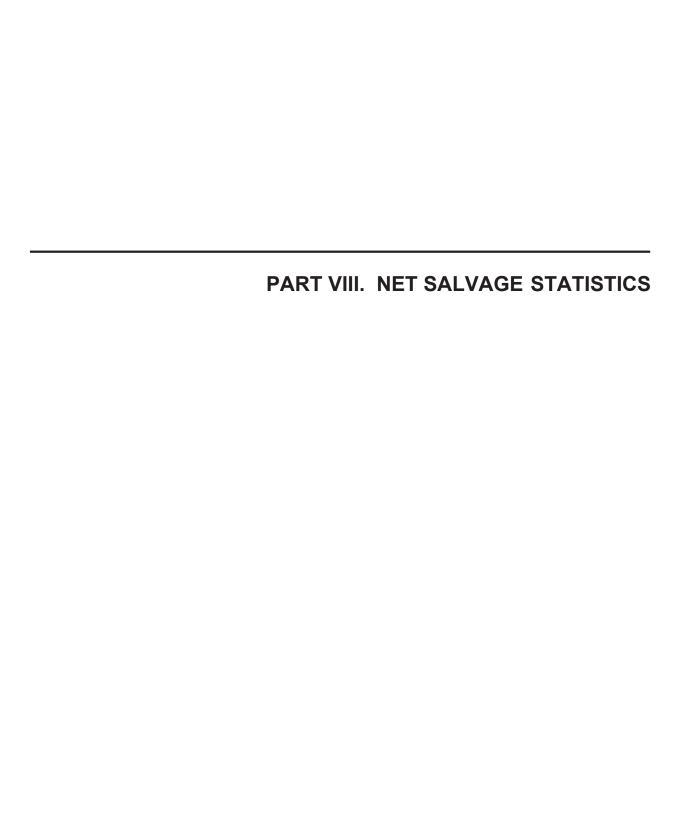


73.5

74.5

2,127

2,127 1.0000



LOUISVILLE GAS AND ELECTRIC COMPANY

TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT FOR GENERATION PLANT AS OF JUNE 30, 2020

ESTIMATED	(%) (10)=(8)/(9)		66666	33333			ଉଉଉଉଉଉ			8888888	ଚିତିତିତି	6666 <i>6</i>
TOTAL	(\$) (\$) (9)=(2)+(5)		140,714,005 1,939,052,400 156,874,021 106,775,19 13,559,266 2,366,975,270	127,675,462 687,734,680 81,808,601 79,335,596 7,284,007 997,838,346	3,348,813,556		5,666,241 19,384,087 114,581,033 6,588,796 183,464 12,119 746,395,741	146,395,741		1,439,175 2,096,456 61,206,459 8,406,411 4,775,388 2,456,164 80,378,943	923,946 8,363,103 285,072 271,849 9,843,970	629,098 485,487 259,440 23,885 1,397,970
TOTAL	(\$)=(3)+(7)		(8,604,611) (149,846,971) (9,557,474) (6,783,145,28) (677,963)	(8.975,150) (86,647,38) (6.294,032) (6.200,025) (364,200) (108,470,743)	(283,940,907)		(375,291) (383,267) (2,038,072) (88,859) (2,885) (2,885) (2,885) (2,885)	(2,889,339)		(88,910) (134,821) (4,613,920) (528,297) (276,995) (144,988) (5,787,942)	(13,999) (318,779) (3915) (4,577) (341,270)	(3,600) (14,402) (14,602) (16,65) (210)
ENTS FEW	-		(1,882,693) (63,473,221) (2,570,659) (1,805,482) (140,404)	(3.109,652) (62.23,722) (3.280,403) (2.816,556) (2.816,556) (7.1653,831)	(141,532,970)		(331,905) (137,318) (923,029) (24,826) (1,167) (1,479,184)	(1,479,184)		(6,400) (22,868) (2,368,832) (2,368,832) (69,781) (47,639) (1,527) (1,527)	(5,288) (261,275) (1,331) (2,324) (270,218)	(3,600) (14,402) (14,565) (110) (19,478)
INTERIM RETIREMENTS	(%)		(30) (30) (15) (25) (5)	(30) (30) (15) (25) (5)			(25) (25) (30) (16) (10)			(10) (10) (10) (10) (5) (5)	(10) (10) (5) (5)	(10) (10) (5) (5)
INTE	ı		6,275,643 211,577,403 17,137,727 7,221,847 2,942,087 245,154,706	10,365,508 207,442,407 21,736,021 11,265,225 4,689,950 255,500,110	500,654,817		1,327,619 789,274 3,076,763 165,509 11,670 9,380 5,380,215	5,380,215		63,999 225,683 23,538,317 597,807 952,787 230,541 25,609,303	52,879 2,612,754 26,618 46,473 2,738,725	36,005 144,025 25,293 4,207 209,529
TO A Y I A O	(4)=(3)/(2)		Q Q Q Q	(a) (b) (a)			55555			© © © © ©	<u> ୧୧୧୧</u>	0000
MINAL RETIREMENTS	(\$)		(6,721,918) (86,373,750) (6,986,815) (4,977,684) (530,859) (105,591,025)	(5,865,498) (24,414,614) (3,003,629) (3,469) (129,703) (36,816,912)	(142,407,937)		(43.386) (185.948) (1,115.043) (64.033) (1,718) (27) (27)	(1,410,155)		(17.2.36) (17.2.36) (2.260,089) (468,516) (229,356) (133.471)	(8,711) (57,503) (2,585) (2,284) (71,052)	0 0 0 0 ,
TERM	(2)		134,438,363 1,727,474,997 139,736,294 99,553,672 10,617,179 2,111,820,504	117,309,954 488,292,273 60,072,581 68,069,371 2,594,068 736,338,236	2,848,158,740		4,338,622 18,594,813 111,504,270 6,403,287 171,794 2,739 141,015,526	141,015,526		1.876.177 1.870.604 37.688.143 7.808.604 3.822.601 2.224.512 54,789,640	871,066 5,750,330 258,454 226,376 7,105,246	593,093 341,483 234,147 19,678 1,188,381
	ACCOUNT (1)	STEAM PRODUCTION PLANT	MILL CREEK GENERATING STATION 311 STRUCTURES AND IMPROVEMENTS 312 BOLLER PLANT EQUIPMENT 314 TURBOGENERATOR UNITS 315 ACCESSORY ELECTROE COUNMENT 316 MISCELLAREOUS POWER PLANT EQUIPMENT 317 TOTAL MILL CREEK GENERATING STATION	TRIMBLE COUNTY GENERATING STATION 31 STRUCTURES AND IMPROVEMENTS 312 BOILER PLANT EQUIPMENT 314 TURBOGENERATOR UNITS 315 ACCESSORY ELECTROE COUNMENT 316 MISCELLAREOUS POWER PLANT EQUIPMENT 317 TOTAL TRIMBLE COUNTY GENERATING STATION	TOTAL STEAM PRODUCTION PLANT	HYDRAULIC PRODUCTION PLANT	OHIO FALLS 331 STRUCTURES AND IMPROVEMENTS 332 RESERVORES, LAMAS AND WATERWAYS 333 WATER WHELES, TURBINES AND GENERATORS 334 ACCESSORY ELECTRIC EQUIPMENT 335 MACELLANDOUS POWER PLANT EQUIPMENT 336 ROADS, RAIL ROADS AND BRIDGES TOTAL OHIO FALLS	TOTAL HYDRAULIC PRODUCTION PLANT	OTHER PRODUCTION PLANT	BROWN CTS 341 STRUCTURES AND IMPROVEMENTS 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES 343 PRIME MOVERS. 344 GENERATORS 345 ACCESSORY ELECTRIC EQUIPMENT 346 MISCELLAMEOUS POWER PLANT EQUIPMENT TOTAL BROWN CTS	BROWN SOLAR 341 STRUCTURES AND IMPROVEMENTS 344 GENERATORS 345 ACCESSORY ELECTRIC EQUIPMENT 346 MISCELLANEOUS POWER PLANT EQUIPMENT 707AL BROWN SOLAR	SIMPSONVILLE SOLAR 341 STRUCTURES AND IMPROVEMENTS 344 GENERATORS 345 ACCESSORY ELECTRIC EQUIPMENT 346 MISCELLANEOUS POWER PLANT EQUIPMENT TOTAL SIMPSONVILLE SOLAR



LOUISVILLE GAS AND ELECTRIC COMPANY

TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT FOR GENERATION PLANT AS OF JUNE 30, 2020

	担	TERMINAL RETIREMENTS		EN	INTERIM RETIREMENTS	ITS	TOTAL	TOTAL	ESTIMATED
ACCOUNT	RETIREMENTS (\$)	NET SALVAGE (\$)	NET SALVAGE (%)	RETIREMENTS (\$)	NET SALVAGE (%)	NET SALVAGE (\$)	NET SALVAGE (\$)	RETIREMENTS (\$)	NET SALVAGE (%)
		(6)	(3) (6) (4)	(c)	(2)	(6)\(\sigma(6)\-(1)	(1) (6)-(6)	(6) - (7) - (6)	(0)/(0)_(0)
CANERUNCC									
	13,234,846	(1,455,833)	(11)	4,474,605	(10)	(447,461)	(1,903,294)	17,709,451	(11)
	6,886,995	(757,569)	(11)	1,554,575	(10)	(155,458)	(913,027)	8,441,570	(11)
343 PRIME MOVERS	33,309,235	(3,664,016)	(11)	42,555,900	(10)	(4,255,590)	(7,919,606)	75,865,135	(11)
344 GENERATORS	16.092.771	(1.770.205)	. 65	1,433,989	(10)	(143,399)	(1.913,604)	17.526.760	(11)
	5,336,678	(587,035)	£	1,520,487	(2)	(76.024)	(663,059)	6,857,165	(1)
346 MISCELLANEOUS POWER PLANT EQUIPMENT	871.342	(95.848)	£	94,158	(2)	(4.708)	(100.556)	965,500	(11)
TOTAL CANE RUN CC	75,731,868	(8,330,505)		51,633,713		(5,082,639)	(13,413,145)	127,365,581	(11)
Ĭ									
	2,401,742	(120,087)	(2)	146,456	(10)	(14,646)	(134,733)	2,548,199	(9)
	9,144,659	(457,233)	(2)	814,649	(10)	(81,465)	(538,698)	9,959,308	(9)
343 PRIME MOVERS	12,358,098	(617,905)	(2)	9,792,079	(10)	(979,208)	(1,597,113)	22,150,178	(9)
344 GENERATORS	9,915,368	(495,768)	(5)	995,089	(10)	(605'66)	(595,277)	10,910,457	(9)
345 ACCESSORY ELECTRIC EQUIPMENT	3,714,022	(185,701)	(2)	653,254	(2)	(32,663)	(218,364)	4.367.276	(9)
	1.186.974	(59.349)	(2)	121.871	(2)	(6.094)	(65.442)	1.308.846	(9)
5	38,720,863	(1,936,043)	ĵ.	12, 523, 399	ĵ.	(1,213,584)	(3,149,627)	51,244,263	(9)
STO VENIOO II IGNIIGE									
344 STELLICITIES AND IMPROVEMENTS	11 083 740	(768 432)	(0)	751 170	(0)	(75, 149)	(4 073 686)	11 845 210	6
	3 333 189	(786,050)	(e) (b)	652.330	(10)	(65 233)	(365,253)	3 987 788	(e) (e)
	47.726.931	(4.295.424)	(6)	43.119.447	(6)	(4.311.945)	(8.607.368)	90.846.377	(6)
	660 906 6	(891.549)	(6)	811.454	(10)	(81.145)	(972.694)	10.717.552	(6)
	11 812 067	(1.063.086)	6	2 905 158	(5)	(145,258)	(1 208 344)	14 717 225	(a)
	51 696	(4 653)	(6)	3.881	(2)	(194)	(4 847)	55 577	(e) (e)
0	83,923,721	(7,553,135)		48,243,748	()	(4,678,923)	(12,232,058)	132,167,470	(6)
ZORN AND RIVER ROAD CTS									
341 STRUCTURES AND IMPROVEMENTS	8,241	(742)	(6)	•	(10)	•	(742)	8,241	(6)
	22,229	(2,001)	(6)		(10)		(2,001)	22,229	(6)
	,	0	(6)	•	(10)	,	•	,	(6)
	1,919,305	(172,737)	(6)	•	(10)	•	(172,737)	1,919,305	(6)
345 ACCESSORY ELECTRIC EQUIPMENT	94,656	(8,519)	(6)	•	(2)	,	(8,519)	94,656	(6)
	9,488	(854)	(6)	•	(2)		(854)	9,488	(6)
TOTAL ZORN AND RIVER ROAD CTS	2,053,920	(184,853)					(184,853)	2,053,920	(6)
TOTAL OTHER PRODUCTION PLANT	263,493,638	(21,361,767)		140,958,418		(13,766,605)	(35,128,372)	404,452,056	
- CH	100 100 100 1	0000		046 000 440		(0 T 0 T 0 T 0 T 0 T 0 T 0 T 0 T 0 T 0 T	(070 040)	000 000 0	
GRAND IOIAL	3.252.001.304	(100,178,008)		646,335,443		(156,70,759)	(010,000,125)	3,639,001,000	



ELECTRIC PLANT



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	5 , 380	162	3		0	162-	3-
1973	9,301		0	775	8	775	8
1974	166,455	30,008	18	552	0	29,456-	18-
1975	4,816	2,201	46		0	2,201-	46-
1976	17,364	2,461	14	148	1	2,313-	13-
1977	9,993	3,390	34		0	3,390-	34-
1978	706	,	0		0	,	0
1979	35,088	9,102	26	1,550	4	7,552-	22-
1980	4,245	,	0	,	0	,	0
1981	336,223	1,656	0		0	1,656-	0
1982	3,566	335	9		0	335-	9-
1983	527 , 107	734	0	11	0	723-	0
1984	7,999,955	139,134	2		0	139,134-	2-
1985	27,301	57 , 960	212		0	57 , 960-	212-
1986	83,061	29 , 750	36	10,787	13	18,963-	23-
1987	125,887	20,183	16	69	0	20,114-	16-
1988	19,638	·	0		0	,	0
1989	4,499		0		0		0
1990							
1991	67,462	17,694	26		0	17,694-	26-
1992	141,612	1,588	1		0	1,588-	1-
1993	279 , 758	44,837	16		0	44,837-	16-
1994	52,490		0		0		0
1995	258 , 855	21,373	8	1,279	0	20,094-	8 –
1996	135,288	54,185	40	6,329	5	47,856-	35-
1997	70,532	8,504	12	8,625	12	121	0
1998	448,015	207,901	46		0	207,901-	46-
1999	110,093	36,068	33	697	1	35,371-	32-
2000	40,964		0		0		0
2001	171,276	990	1		0	990-	1-
2002	111,468		0		0		0
2003	865,133	100,649	12		0	100,649-	12-
2004	629,199	260,812	41		0	260,812-	41-
2005	921,450	114,744	12		0	114,744-	12-
2006	697 , 724	278,680	40		0	278,680-	40-
2007	78,460	3,894	5		0	3,894-	5 –
2008	81,616	16,027	20		0	16,027-	20-
2009	484,516	172,070	36		0	172,070-	36-
2010	176,038	90,160	51		0	90,160-	51-
2011	4,196,980	1,255,579	30		0	1,255,579-	30-
2012	346,525	407,133	117		0	407,133-	117-
2013	524,191	840,164	160	398	0	839,766-	160-

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
				711100111			
2014	639,283	480,834	75		0	480,834-	75-
2015	849,133	418,910	49		0	418,910-	49-
2016	533 , 975	80 , 996	15		0	80,996-	15-
2017	209,322	68 , 731	33		0	68,731-	33-
2018	1,020,881	1,313,973	129		0	1,313,973-	
2019	1,726,910	505,293	29	1,153	0	504,141-	29-
TOTAL	25,249,734	7,098,865	28	32,373	0	7,066,492-	28-
THREE-YE	AR MOVING AVERAG	ES					
72-74	60,379	10,057	17	442	1	9,614-	16-
73-75	60,191	10,736	18	442	1	10,294-	17-
74-76	62 , 878	11,557	18	233	0	11,323-	18-
75-77	10,724	2,684	25	49	0	2,635-	25-
76-78	9,354	1,950	21	49	1	1,901-	20-
77-79	15,262	4,164	27	517	3	3,647-	24-
78-80	13,346	3,034	23	517	4	2,517-	19-
79-81	125,185	3 , 586	3	517	0	3,069-	2-
80-82	114,678	664	1		0	664-	1-
81-83	288,965	908	0	4	0	905-	0
82-84	2,843,543	46,734	2	4	0	46,731-	2-
83-85	2,851,454	65,943	2	4	0	65,939-	2-
84-86	2,703,439	75 , 615	3	3,596	0	72,019-	3-
85-87	78 , 750	35,964	46	3,619	5	32,346-	41-
86-88	76,195	16,644	22	3,619	5	13,026-	17-
87-89	50,008	6,728	13	23	0	6,705-	13-
88-90	8,046		0		0		0
89-91	23,987	5,898	25		0	5,898-	25-
90-92	69,691	6,427	9		0	6,427-	9-
91-93	162,944	21,373	13		0	21,373-	13-
92-94	157,953	15,475	10		0	15,475-	10-
93-95	197,034	22,070	11	426	0	21,644-	11-
94-96	148,878	25,186	17	2,536	2	22,650-	15-
95-97	154,892	28,021	18	5,411	3	22,610-	15-
96-98	217,945	90,197	41	4,985	2	85,212-	39-
97-99	209,547	84,158	40	3,107	1	81,050-	39-
98-00	199,691	81,323	41	232	0	81,091-	41-
99-01	107,444	12,353	11	232	0	12,120-	11-
00-02	107,903	330	0		0	330-	0
01-03	382,626	33,880	9		0	33,880-	9-
02-04	535,267	120,487	23		0	120,487-	23-

ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	IS					
03-05	805,261	158,735	20		0	158,735-	20-
04-06	749,457	218,078	29		0	218,078-	29-
05-07	565 , 878	132,439	23		0	132,439-	23-
06-08	285,933	99,533	35		0	99,533-	35-
07-09	214,864	63 , 997	30		0	63,997-	30-
08-10	247,390	92,752	37		0	92,752-	37-
09-11	1,619,178	505,937	31		0	505,937-	31-
10-12	1,573,181	584,291	37		0	584,291-	37-
11-13	1,689,232	834,292	49	133	0	834,159-	49-
12-14	503,333	576,044	114	133	0	575 , 911-	114-
13-15	670 , 869	579 , 970	86	133	0	579 , 837-	86-
14-16	674,130	326,914	48		0	326,914-	48-
15-17	530,810	189,546	36		0	189,546-	36-
16-18	588,059	487,900	83		0	487,900-	83-
17-19	985,704	629,332	64	384	0	628,948-	64-
FIVE-YEA	R AVERAGE						
15-19	868,044	477,581	55	231	0	477,350-	55-

ACCOUNT 312 BOILER PLANT EQUPMENT

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1973	62,803	4,171	7	648	1	3,523-	6-
1974	7 , 673	6,835	89	12	0	6,823-	89-
1975	3,085	402	13	383	12	19-	1-
1976	3,221	60.640	0		0	56.000	0
1977	326,169	62,640	19	5,757	2	56,883-	17-
1978	194,645	243	0	2,078	1	1,835	1
1979	2,069,174	10,000	0	5 000	0	10,000-	0
1980	553,764	39,529	7	5,000	1	34,529-	6-
1981	5,642,246	130,545	2		0	130,545-	2-
1982	1,289,749	35,582	3		0	35,582-	3 –
1983	2,872,642	34,486	1	10,535	0	23,951-	1-
1984	19,009,765	1,405,123	7	25,077	0	1,380,046-	7-
1985	11,336,125	1,868,829	16	24,791	0	1,844,038-	16-
1986	4,583,696	2,041,987	45	23,452	1	2,018,535-	44-
1987	5,711,646	882,146	15	7,564	0	874,582-	15-
1988	981,609	220,046	22	84-	0	220,130-	22-
1989	1,150,890	29,619	3		0	29,619-	3-
1990	274,896	45,528	17		0	45,528-	17-
1991	514 , 723	1,963	0		0	1,963-	0
1992	657 , 502	37 , 558-			0	37,558	6
1993	727,737	130,969-		8,692	1	139,661	19
1994	518 , 558	102,303	20	4,250	1	98,053-	19-
1995	8,391,354	687 , 291	8	41,471	0	645 , 820-	8 –
1996	2,043,488	614,554	30	95,593	5	518,961-	25-
1997	1,563,889	188,562	12	191,250	12	2,688	0
1998	2,744,038	1,273,372	46		0	1,273,372-	46-
1999	6,407,359	2,121,390	33	41,005	1	2,080,385-	32-
2000	1,939,284	549,421	28	319,613	16	229,808-	12-
2001	8,057,111	330,086	4		0	330,086-	4 –
2002	5,505,871	495,797	9		0	495,797-	9-
2003	7,090,285	9,195	0		0	9,195-	0
2004	6,901,489	1,994,239	29		0	1,994,239-	29-
2005	4,197,701	1,079,108	26		0	1,079,108-	26-
2006	27,711,972	10,223,501	37	577 , 580	2	9,645,921-	35-
2007	3,095,537	815,490	26	281,090	9	534,400-	17-
2008	3,796,631	1,500,760	40	86,662	2	1,414,098-	37-
2009	7,012,615	3,053,175	44	27,191	0	3,025,984-	43-
2010	3,987,134	597,884	15	45,462	1	552,423-	14-
2011	17,737,600	2,541,970	14	34,636	0	2,507,334-	14-
2012	11,636,251	2,473,206	21	199,351	2	2,273,855-	20-
2013	5,121,553	4,060,365	79	76,189	1	3,984,177-	78-
2014	6,768,408	1,151,687	17		0	1,151,687-	17-

ACCOUNT 312 BOILER PLANT EQUPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2015	18,814,164	5,191,059	28	44,171	0	5,146,888-	27-
2016	8,494,131	1,452,191	17	22,890	0	1,429,301-	17-
2017	8,073,501	10,017,154	124		0	10,017,154-	124-
2018	13,867,264	11,108,931	80		0	11,108,931-	80-
2019	20,798,801	12,207,687	59	45,609	0	12,162,078-	58-
TOTAL	270,249,749	82,491,524	31	2,247,917	1	80,243,607-	30-
THREE-YE	CAR MOVING AVERAG	GES					
73-75	24,520	3,803	16	348	1	3,455-	14-
74-76	4,660	2,412	52	132	3	2,281-	49-
75-77	110,825	21,014	19	2,047	2	18,967-	17-
76-78	174,678	20,961	12	2,612	1	18,349-	11-
77-79	863,329	24,294	3	2,612	0	21,683-	3-
78-80	939,194	16,591	2	2,359	0	14,231-	2-
79-81	2,755,061	60,025	2	1,667	0	58 , 358-	2-
80-82	2,495,253	68 , 552	3	1,667	0	66,885-	3-
81-83	3,268,212	66,871	2	3,512	0	63,359-	2-
82-84	7,724,052	491,730	6	11,871	0	479,860-	6-
83-85	11,072,844	1,102,813	10	20,134	0	1,082,678-	10-
84-86	11,643,195	1,771,980	15	24,440	0	1,747,540-	15-
85-87	7,210,489	1,597,654	22	18,602	0	1,579,052-	22-
86-88	3,758,984	1,048,060	28	10,311	0	1,037,749-	28-
87-89	2,614,715	377 , 270	14	2,493	0	374 , 777-	14-
88-90	802,465	98,398	12	28-	0	98,426-	12-
89-91	646,836	25 , 703	4		0	25 , 703-	4 –
90-92	482,374	3,311	1		0	3,311-	1-
91-93	633,321	55 , 521-		2,897	0	58 , 419	9
92-94	634,599	22,075-	3-	4,314	1	26,389	4
93-95	3,212,550	219,542	7	18,138	1	201,404-	6-
94-96	3,651,133	468,049	13	47,105	1	420,945-	12-
95-97	3,999,577	496,802	12	109,438	3	387,364-	10-
96-98	2,117,138	692 , 163	33	95 , 614	5	596,548-	28-
97-99	3,571,762	1,194,441	33	77,418	2	1,117,023-	31-
98-00	3,696,894	1,314,728	36	120,206	3	1,194,522-	32-
99-01	5,467,918	1,000,299	18	120,206	2	880,093-	16-
00-02	5,167,422	458,435	9	106,538	2	351,897-	7 –
01-03	6,884,422	278,359	4		0	278 , 359-	4 –
02-04	6,499,215	833 , 077	13		0	833,077-	13-
03-05	6,063,158	1,027,514	17		0	1,027,514-	17-
04-06	12,937,054	4,432,282	34	192,527	1	4,239,756-	33-



ACCOUNT 312 BOILER PLANT EQUPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAG	EES					
05-07	11,668,403	4,039,366	35	286,223	2	3,753,143-	32-
06-08	11,534,714	4,179,917	36	315,110	3	3,864,806-	34-
07-09	4,634,928	1,789,808	39	131,648	3	1,658,161-	36-
08-10	4,932,127	1,717,273	35	53,105	1	1,664,168-	34-
09-11	9,579,116	2,064,343	22	35 , 763	0	2,028,580-	21-
10-12	11,120,328	1,871,020	17	93,150	1	1,777,870-	16-
11-13	11,498,468	3,025,181	26	103,392	1	2,921,788-	25-
12-14	7,842,070	2,561,753	33	91,847	1	2,469,906-	31-
13-15	10,234,708	3,467,704	34	40,120	0	3,427,584-	33-
14-16	11,358,901	2,598,312	23	22,354	0	2,575,959-	23-
15-17	11,793,932	5,553,468	47	22,354	0	5,531,114-	47-
16-18	10,144,965	7,526,092	74	7,630	0	7,518,462-	74-
17-19	14,246,522	11,111,257	78	15,203	0	11,096,054-	78-
FIVE-YEA	R AVERAGE						
15-19	14,009,572	7,995,404	57	22,534	0	7,972,870-	57-

ACCOUNT 314 TURBOGENERATOR UNITS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1974	5,300	3,167	60		0	3,167-	60-
1975	5 , 583		0		0		0
1976							
1977							
1978	17,277	2,051	12	2,818	16	767	4
1979	1,527,611		0		0		0
1980	8,705		0		0		0
1981	3,710,700		0		0		0
1982	6,074	620	10		0	620-	10-
1983	2,465,234		0		0		0
1984	2,791,319	0.00	0		0	0.00	0
1985 1986	7,690,532	899	0		0	899-	0
1986	18,073	813	4	17	0	813-	4 – 6 –
1988	43,600 122,693	2,606	6 0	1 /	0	2,589-	0
1989	122,093		O		U		U
1990	15,000		0		0		0
1991	1,406,443		0		0		0
1992	15,000		0		0		0
1993	22,000	524	2		0	524-	2-
1994	110,318	22,262	20		0	22,262-	20-
1995	4,566,240	377,019	8	22,567	0	354,452-	8 –
1996	1,314,385	530,805	40	61,486	5	469,319-	36-
1997	612,710	73 , 876	12	74 , 929	12	1,053	0
1998							
1999	5,000	1,782	36	34	1	1,748-	35-
2000							
2001							
2002	94,480		0		0		0
2003	3,077,538	277 , 920	9		0	277 , 920-	9-
2004	1,160,157	373,601	32		0	373,601-	32-
2005	464,123	60,425	13		0	60,425-	13-
2006	2,965,022	532,312	18		0	532,312-	18-
2007	115,565	2,600	2		0	2,600-	2-
2008	33,017	46,464	141		0	46,464-	141-
2009	754,568	465,855	62		0	465,855-	62-
2010	103,475	3,278	3		0	3,278-	3 -
2011	3,093,988	109,173	4		0	109,173-	4 -
2012	2,675,754	1,278,417	48		0	1,278,417-	48-
2013	998,736	661,894	66		0	661,894-	66-
2014	564,792	500,640	89	000 000	0	500,640-	89-
2015	7,699,476	1,289,267	17	923 , 936	12	365 , 331-	5 –

ACCOUNT 314 TURBOGENERATOR UNITS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2016	1,079,649	953,014	88		0	953,014-	88-
2017	1,207,097	296,938	25	748,976	62	452,038	37
2018	2,885,905	1,622,049	56		0	1,622,049-	56-
2019	2,662,863	268 , 529	10	645,212	24	376,683	14
TOTAL	58,116,003	9,758,800	17	2,479,975	4	7,278,825-	13-
THREE-YE	AR MOVING AVERAG	ES					
74-76	3,628	1,056	29		0	1,056-	29-
75-77	1,861		0		0		0
76-78	5,759	684	12	939	16	256	4
77-79	514,963	684	0	939	0	256	0
78-80	517,864	684	0	939	0	256	0
79-81	1,749,005		0		0		0
80-82	1,241,826	207	0		0	207-	0
81-83	2,060,669	207	0		0	207-	0
82-84	1,754,209	207	0		0	207-	0
83-85	4,315,695	300	0		0	300-	0
84-86	3,499,975	571	0		0	571-	0
85-87	2,584,068	1,439	0	6	0	1,434-	0
86-88	61,455	1,140	2	6	0	1,134-	2-
87-89	55 , 431	869	2	6	0	863-	2-
88-90	45,898		0		0		0
89-91	473,814		0		0		0
90-92	478,814		0		0		0
91-93	481,148	175	0		0	175-	0
92-94	49,106	7 , 595	15		0	7,595-	15-
93-95	1,566,186	133,268	9	7 , 522	0	125,746-	8 –
94-96	1,996,981	310,029	16	28,018	1	282,011-	14-
95-97	2,164,445	327,233	15	52 , 994	2	274,239-	13-
96-98	642,365	201,560	31	45 , 472	7	156,089-	24-
97-99	205,903	25,219	12	24,988	12	232-	0
98-00	1,667	594	36	11	1	583-	35-
99-01	1,667	594	36	11	1	583-	35-
00-02	31,493		0		0		0
01-03	1,057,339	92,640	9		0	92,640-	9-
02-04	1,444,058	217,174	15		0	217,174-	15-
03-05	1,567,273	237,316	15		0	237,316-	15-
04-06	1,529,767	322,113	21		0	322,113-	21-
05-07	1,181,570	198,446	17		0	198,446-	17-
06-08	1,037,868	193,792	19		0	193,792-	19-

ACCOUNT 314 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGE	S					
07-09	301,050	171,639	57		0	171,639-	57-
08-10	297,020	171 , 866	58		0	171,866-	58-
09-11	1,317,344	192,769	15		0	192,769-	15-
10-12	1,957,739	463,623	24		0	463,623-	24-
11-13	2,256,159	683 , 161	30		0	683,161-	30-
12-14	1,413,094	813,650	58		0	813,650-	58 -
13-15	3,087,668	817,267	26	307 , 979	10	509,289-	16-
14-16	3,114,639	914,307	29	307 , 979	10	606,328-	19-
15-17	3,328,741	846,406	25	557 , 637	17	288,769-	9-
16-18	1,724,217	957,334	56	249,659	14	707,675-	41-
17-19	2,251,955	729,172	32	464,729	21	264,443-	12-
FIVE-YEAR	R AVERAGE						
15-19	3,106,998	885,959	29	463,625	15	422,335-	14-

VIII-13

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	33,729	502	1		0	502-	1-
1973	7,724		0	1,966	25	1,966	25
1974	10,311	417	4	,	0	417-	4 –
1975	11,172	521	5	2,381	21	1,860	17
1976	3,903	38,121	977	2,393	61	35,728-	
1977	22,153	794	4	,	0	794-	4 –
1978	23,703	1,238	5	4,573	19	3,335	14
1979	140,861	388	0	123	0	265-	0
1980	127,304	1,849	1		0	1,849-	1-
1981	963,033	,	0	1,261	0	1,261	0
1982	8,574	993	12	999	12	, 6	0
1983	302,710	13-		688	0	701	0
1984	1,628,052	4,221	0		0	4,221-	0
1985	1,108,851	2,002	0		0	2,002-	0
1986	13,971	,	0		0	,	0
1987	807,408	95,681	12	926	0	94,755-	12-
1988	12,928	3,297	26	10-	0	3,307-	26-
1989	97 , 796	,	0		0	,	0
1990	76,484	16,433-	21-	2,100	3	18,533	24
1991	313,936	1,028	0		0	1,028-	0
1992	61,486	10,547	17		0	10,547-	17-
1993	473,682	6,732-	- 1-		0	6,732	1
1994	22,000		0		0		0
1995	822,779	67,935	8	4,066	0	63,869-	8 –
1996	348,770	140,848	40	16,315	5	124,533-	36-
1997	1,032,181	124,452	12	126,227	12	1,775	0
1998							
1999	2,918	1,040	36	21	1	1,019-	35-
2000	671,474	16,128	2		0	16,128-	2-
2001	34,589		0		0		0
2002	102,272		0		0		0
2003	74,452		0		0		0
2004	829,101	26,830	3		0	26,830-	3-
2005							
2006	1,043,304	59,113	6		0	59,113-	6-
2007	106,068	23,111	22	500	0	22,611-	21-
2008	32,633	1,065	3		0	1,065-	3-
2009	197,219	109,483	56		0	109,483-	56-
2010	20,993	18,899	90		0	18,899-	90-
2011	639,407	243,700	38		0	243,700-	38-
2012	282,287	303,914	108	11,875	4	292,039-	103-
2013	671,068	33,992	5		0	33,992-	5 –

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL	PCT	GROSS SALVAGE	PCT	NET SALVAGE	DСT
ILAK	KETIKEMEN19	AMOUNT		AMOUNT	PCI	AMOUNT	PCT
2014	196,133	211,869	108		0	211,869-	108-
2015	103,922	131,720	127	27,260	26	104,461-	101-
2016	173,708	56,804	33	42,500	24	14,304-	8 –
2017	22,054	19,822	90		0	19,822-	90-
2018	2,119,992	1,042,925	49		0	1,042,925-	49-
2019	372,760	1,170,911	314	3,667	1	1,167,244-	313-
TOTAL	16,171,856	3,942,983	24	249,831	2	3,693,152-	23-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	17,255	306	2	655	4	349	2
73-75	9,736	313	3	1,449	15	1,136	12
74-76	8,462	13,020	154	1,591	19	11,428-	
75-77	12,409	13,145	106	1,591	13	11,554-	
76-78	16,586	13,384	81	2,322	14	11,062-	
77-79	62,239	807	1	1,565	3	759	1
78-80	97,289	1,158	1	1,565	2	407	0
79-81	410,399	746	0	461	0	284-	0
80-82	366,304	947	0	753	0	194-	0
81-83	424,772	327	0	983	0	656	0
82-84	646,445	1,734	0	562	0	1,171-	0
83-85	1,013,204	2,070	0	229	0	1,841-	0
84-86	916,958	2,074	0		0	2,074-	0
85-87	643,410	32,561	5	309	0	32,252-	5 –
86-88	278,102	32,993	12	305	0	32,687-	12-
87-89	306,044	32,993	11	305	0	32,687-	11-
88-90	62,403	4,379-		697	1	5 , 075	8
89-91	162,739	5,135-	- 3-	700	0	5,835	4
90-92	150,635	1,619-	1-	700	0	2,319	2
91-93	283,035	1,614	1		0	1,614-	1-
92-94	185,723	1,272	1		0	1,272-	1-
93-95	439,487	20,401	5	1,355	0	19,046-	4 -
94-96	397 , 850	69,594	17	6,794	2	62,801-	16-
95-97	734 , 577	111,078	15	48,869	7	62,209-	8 –
96-98	460,317	88,433	19	47,514	10	40,919-	9-
97-99	345,033	41,831	12	42,083	12	252	0
98-00	224,797	5 , 723	3	7	0	5,716-	3-
99-01	236,327	5 , 723	2	7	0	5,716-	2-
00-02	269,445	5 , 376	2		0	5,376-	2-
01-03	70,438		0		0		0
02-04	335,275	8,943	3		0	8,943-	3-

ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	301,184	8,943	3		0	8,943-	3 –
04-06	624,135	28,648	5		0	28,648-	5 -
05-07	383,124	27,408	7	167	0	27,241-	7 –
06-08	394,002	27,763	7	167	0	27 , 596-	7 –
07-09	111,974	44,553	40	167	0	44,386-	40-
08-10	83,615	43,149	52		0	43,149-	52-
09-11	285 , 873	124,027	43		0	124,027-	43-
10-12	314,229	188,838	60	3 , 958	1	184,879-	59 -
11-13	530,921	193,869	37	3 , 958	1	189,910-	36-
12-14	383,163	183 , 258	48	3 , 958	1	179,300-	47-
13-15	323 , 708	125,860	39	9,087	3	116,774-	36-
14-16	157 , 921	133,464	85	23,253	15	110,211-	70-
15-17	99,895	69,449	70	23,253	23	46,196-	46-
16-18	771 , 918	373 , 184	48	14,167	2	359 , 017-	47-
17-19	838,269	744,553	89	1,222	0	743,330-	89-
FIVE-YEA	R AVERAGE						
15-19	558,487	484,437	87	14,685	3	469,751-	84-

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	985	62	6		0	62-	6-
1973							
1974	2,625		0	2,800	107	2,800	107
1975	2,166		0		0		0
1976	3,217		0		0		0
1977	4,112		0		0		0
1978	2,193		0	48	2	48	2
1979	33,145	43	0		0	43-	0
1980	1,734		0		0		0
1981	15,052		0	7,500	50	7,500	50
1982	350		0		0		0
1983	309		0		0		0
1984	344,269		0		0		0
1985	68,016		0	53	0	53	0
1986	7,808		0		0		0
1987	5,311		0		0		0
1988	1,311		0		0		0
1989	318		0	175	55	175	55
1990	17,214	1,000-	6-		0	1,000	6
1991	15,986		0		0		0
1992	5,162		0		0		0
1993	137,323		0		0		0
1994							
1995	114,896	9,487	8	568	0	8,919-	8 –
1996	386,595	156,124	40	18,085	5	138,039-	36-
1997	63,113	7,610	12	7,719	12	109	0
1998							
1999							
2000							
2001							
2002		537				537-	
2003	1,600	437	27		0	437-	27-
2004	159,413	4,944	3		0	4,944-	3-
2005							
2006	85 , 294	1,237	1		0	1,237-	1-
2007	76 , 996		0		0		0
2008	37,166		0	103,285	278	103,285	278
2009	31,210	2,109	7		0	2,109-	7 –
2010	18 , 529		0		0		0
2011	66,012		0		0		0
2012	20,219		0		0		0
2013	7,457		0		0		0

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	94,077		0		0		0
2015	79,363	188	0		0	188-	0
2016	123,602	5,116	4	2,650	2	2,466-	2-
2017	207,367		0		0		0
2018	137,705	2,000	1		0	2,000-	1-
2019	670,708	32,081	5		0	32,081-	5-
TOTAL	3,049,926	220,975	7	142,883	5	78,092-	3-
THREE-YE	CAR MOVING AVERAGE	ES					
72-74	1,203	21	2	933	78	913	76
73-75	1,597		0	933	58	933	58
74-76	2,669		0	933	35	933	35
75-77	3,165		0		0		0
76-78	3,174		0	16	1	16	1
77-79	13,150	14	0	16	0	2	0
78-80	12,357	14	0	16	0	2	0
79-81	16,644	14	0	2,500	15	2,486	15
80-82	5,712		0	2,500	44	2,500	44
81-83	5,237		0	2,500	48	2,500	48
82-84	114,976		0		0		0
83-85	137,531		0	18	0	18	0
84-86	140,031		0	18	0	18	0
85-87	27,045		0	18	0	18	0
86-88	4,810		0		0		0
87-89	2,313		0	58	3	58	3
88-90	6,281	333-		58	1	392	6
89-91	11,173	333-		58	1	392	4
90-92	12,787	333-			0	333	3
91-93	52,824		0		0		0
92-94	47,495	2 160	0	100	0	0 070	0
93-95	84,073	3,162	4	189	0	2,973-	4 –
94-96	167,164	55,204	33	6,218	4	48,986-	29-
95-97	188,201	57,740	31	8,791	5	48,950-	
96-98	149,903	54,578	36	8,601	6	45,977-	31-
97-99	21,038	2,537	12	2 , 573	12	36	0
98-00							
99-01 00-02		170				170	
01-02	533	179	61		\circ	179- 325-	61
01-03	53 , 671	325 1,973	61 4		0	1,973-	61- 4-
02-04	J3,0/I	1,9/3	4		U	1,9/3-	4 -

ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGE	S					
03-05	53,671	1,794	3		0	1,794-	3-
04-06	81 , 569	2,060	3		0	2,060-	3-
05-07	54 , 097	412	1		0	412-	1-
06-08	66,485	412	1	34,428	52	34,016	51
07-09	48,457	703	1	34,428	71	33,725	70
08-10	28,968	703	2	34,428	119	33,725	116
09-11	38,584	703	2		0	703-	2-
10-12	34,920		0		0		0
11-13	31,229		0		0		0
12-14	40,584		0		0		0
13-15	60,299	63	0		0	63-	0
14-16	99,014	1,768	2	883	1	885-	1-
15-17	136,777	1,768	1	883	1	885-	1-
16-18	156,224	2,372	2	883	1	1,489-	1-
17-19	338,593	11,360	3		0	11,360-	3-
FIVE-YEA	R AVERAGE						
15-19	243,749	7,877	3	530	0	7,347-	3-

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
1974	15,000	1,633	11	0	1,633-	11-
1975	265	1,000	0	0	1,000	0
1976	200		O	o .		O
1977						
1978						
1979						
1980	9,400	25,350	270	0	25,350-	270-
1981	5, 255					
1982						
1983						
1984	1,239		0	0		0
1985	100	3,175		0	3,175-	
1986						
1987						
1988	1,519		0	0		0
1989						
1990						
1991						
1992						
1993	19,092	5,937	31	0	5 , 937-	31-
1994						
1995	8,858	966	11	0	966-	11-
1996						
1997	400	10,359		0	10,359-	
1998						
1999						
2000						
2001						
2002						
2003						
2004						
2005	7.650	76.000			F.C. 020	
2006	7,650	76,939	2.0	0	76,939-	2.0
2007	1,101,085	417,395	38	0	417,395-	38-
2008						
2009						
2010						
2011 2012	9,438	1 771	13	0	1,271-	13-
2012	43,799	1,271	0	0	1,2/1-	0
2013	13,366	7,405	55	0	7,405-	55-
2014	5,837			0	14,861-	
2010	5,05/	14,861	255	U	14,001-	200-

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2016	3 , 672	10,233	279		0	10,233-	279-
2017	28,267	,	0		0	,	0
2018	757,484	1,302,078		8,602	1	1,293,476-	
2019							
TOTAL	2,026,470	1,877,601	93	8,602	0	1,868,999-	92-
THREE-YE	CAR MOVING AVERAG	ES					
74-76	5,088	544	11		0	544-	11-
75-77	. 88		0		0		0
76-78							
77-79							
78-80	3,133	8,450	270		0	8,450-	270-
79-81	3,133		270		0	8,450-	
80-82	3,133	8,450	270		0	8,450-	
81-83							
82-84	413		0		0		0
83-85	446	1,058	237		0	1,058-	237-
84-86	446	1,058			0	1,058-	
85-87	33	1,058			0	1,058-	
86-88	506		0		0		0
87-89	506		0		0		0
88-90	506		0		0		0
89-91							
90-92							
91-93	6,364	1,979	31		0	1,979-	31-
92-94	6,364	1,979	31		0	1,979-	31-
93-95	9,317	2,301	25		0	2,301-	25-
94-96	2,953	322	11		0	322-	11-
95-97	3,086	3,775	122		0	3,775-	122-
96-98	133	3,453			0	3,453-	
97-99	133	3,453			0	3,453-	
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06	2,550	25,646			0	25,646-	
05-07	369,578	164,778	45		0	164,778-	45-
06-08	369 , 578	164,778	45		0	164,778-	45-

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
07-09 08-10 09-11	367,028	139,132	38		0	139,132-	38-
10-12	3,146	424	13		0	424-	13-
11-13	17,746	424	2		0	424-	2-
12-14	22,201	2,892	13		0	2,892-	13-
13-15	21,001	7,422	35		0	7,422-	35-
14-16	7,625	10,833	142		0	10,833-	142-
15-17	12,592	8,365	66		0	8,365-	66-
16-18	263,141	437,437	166	2,867	1	434,569-	165-
17-19	261,917	434,026	166	2,867	1	431,159-	165-
FIVE-YEAR	R AVERAGE						
15-19	159,052	265,434	167	1,720	1	263,714-	166-

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PO	CT	NET SALVAGE AMOUNT	PCT
1995 1996	1,016	111	11		0	111-	11-
1997							
1998							
1999							
2000	8,455	10,197	121		0	10,197-	121-
2001							
2002							
2003	10 510		0		0		0
2004 2005	12,512		0		0		0
2005	28,264	11,080	39		0	11,080-	39-
2000	22,246	8,433	38		0	8,433-	38-
2007	22,240	0,433	50		O	0,433	30
2009							
2010							
2011	155,565		0		0		0
2012	34,230		0		0		0
2013							
2014	161,058		0		0		0
2015							
2016	73,002	5,116	7		0	5,116-	7 –
2017	7,416		0		0		0
2018	1,459,495	1,313,699	90	2,143	0	1,311,556-	90-
2019		29,945				29,945-	
TOTAL	1,963,258	1,378,580	70	2,143	0	1,376,438-	70-
THREE-YE	CAR MOVING AVERAC	GES					
95-97	339	37	11		0	37-	11-
96-98							
97-99							
98-00	2,818	3,399	121		0	3,399-	
99-01	2,818	3,399	121		0	3,399-	
00-02	2,818	3,399	121		0	3,399-	121-
01-03							
02-04	4,171		0		0		0
03-05	4,171	0.000	0		0	0.000	0
04-06	13,592	3,693	27		0	3,693-	27-
05-07	16,836	6,504	39		0	6,504-	39-
06-08	16,836	6,504	39		0	6,504-	39-

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
07-09 08-10	7,415	2,811	38		0	2,811-	38-
09-11	51,855		0		0		0
10-12	63,265		0		0		0
11-13	63,265		0		0		0
12-14	65,096		0		0		0
13-15	53,686		0		0		0
14-16	78,020	1,705	2		0	1,705-	2-
15-17	26,806	1,705	6		0	1,705-	6-
16-18	513,304	439,605	86	714	0	438,891-	86-
17-19	488,970	447,881	92	714	0	447,167-	91-
FIVE-YEAR	R AVERAGE						
15-19	307,983	269,752	88	429	0	269,323-	87-

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	16,964	26,051	154		0	26,051-	154-
2004	•	,				,	
2005							
2006	6 , 705	43,415	647		0	43,415-	647-
2007	973 , 655	369,089	38		0	369,089-	38-
2008	172,006	891,897	519		0	891,897-	519-
2009							
2010							
2011	55 , 574	34 , 591	62		0	34,591-	62-
2012	181,376		0		0		0
2013	200	998,102			0	998,102-	
2014	301,530		0		0		0
2015	48,704	2,035	4		0	2,035-	4 -
2016	57,217	637	1		0	637-	1-
2017	153,828		0		0		0
2018	419,252	1,832,935	437	37,238	9	1,795,697-	428-
2019	2,844,820		0		0		0
TOTAL	5,231,833	4,198,754	80	37,238	1	4,161,516-	80-
THREE-YE	AR MOVING AVERAG	ES					
03-05	5,655	8,684	154		0	8,684-	154-
04-06	2,235	14,472	647		0	14,472-	
05-07	326 , 787	137,502	42		0	137,502-	
06-08	384,122	434,801	113		0	434,801-	
07-09	381,887	420,329	110		0	420,329-	
08-10	57,335	297,299	519		0	297,299-	519-
09-11	18,525	11,530	62		0	11,530-	62-
10-12	78 , 983	11,530	15		0	11,530-	15-
11-13	79 , 050	344,231	435		0	344,231-	435-
12-14	161,036	332,701	207		0	332,701-	207-
13-15	116,812	333 , 379	285		0	333,379-	285-
14-16	135,817	891	1		0	891-	1-
15-17	86,583	891	1		0	891-	1-
16-18	210,099	611,191	291	12,413	6	598 , 778-	285-
17-19	1,139,300	610,978	54	12,413	1	598,566-	53-
FIVE-YEA	R AVERAGE						
15-19	704,765	367,122	52	7,448	1	359,674-	51-

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

YEAR RETIREMENTS AMOUNT PCT AMOUNT PCT AMOUNT	PCT
	27- 396-
1979	
1980	
1981	
1982	
1983	
1984	
1985	
1986	20 50
1987 4,583 2,770 60 132 3 2,6	
1988 9,437 6,306 67 0 6,3	
1989 74,507 2,186 3 0 2,1	36- 3-
1990	
1991 1992	
1992	
1993	
	11 11
1995 143,390 15,641 11 0 15,6 1996	11-
1997	
1998	
1999	
2000	
2001	
2002	
2003	
2004	
2005	
2006 154,676 84,221 54 0 84,2	21- 54-
2007 27,344 10,365 38 0 10,3	
2008	
2009 1,372 3,620 264 56,678 53,0	58
2010	
2011 18,753 3,760 20 0 3,7	50- 20-
2012 312 0 0	0
2013	
2014 2,726 0 0	0
2015 10,626 0 0	0
2016	
2017 21,090 0	0

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2018	3,345,454	1,875,839	56	2,989	0	1,872,849-	56-
2019	5,253	3,664	70	2,303	0	3,664-	
2019	0,200	0,001	, 0		Ü	0,001	, 0
TOTAL	3,819,656	2,008,899	53	59,800	2	1,949,099-	51-
THREE-YE	CAR MOVING AVERAGE	IS					
78-80	44	176	396		0	176-	396-
79-81							
80-82							
81-83							
82-84							
83-85							
84-86							
85-87	1,528	923	60	44	3	879-	58 -
86-88	4,673	3,025	65	44	1	2,981-	
87-89	29,509	3,754	13	44	0	3,710-	
88-90	27 , 981	2,831	10		0	2,831-	
89-91	24,836	729	3		0	729-	
90-92							
91-93							
92-94							
93-95	47 , 797	5,214	11		0	5,214-	11-
94-96	47,797	5,214	11		0	5,214-	11-
95-97	47,797	5,214	11		0	5,214-	11-
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06	51,559	28,074	54		0	28,074-	54-
05-07	60,673	31,529	52		0	31,529-	52-
06-08	60,673	31,529	52		0	31,529-	52-
07-09	9,572	4,662	49	18,893	197	14,231	149
08-10	457	1,207	264	18,893		17,686	
09-11	6,708	2,460	37	18,893	282	16,433	245
10-12	6 , 355	1,253	20		0	1,253-	20-
11-13	6 , 355	1,253	20		0	1,253-	20-
12-14	1,013		0		0		0

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
13-15	4,451		0		0		0
14-16	4,451		0		0		0
15-17	10,572		0		0		0
16-18	1,122,181	625,280	56	996	0	624,283-	56-
17-19	1,123,933	626,501	56	996	0	625,504-	56-
FIVE-YEA	R AVERAGE						
15-19	676,485	375,900	56	598	0	375,303-	55 -

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1973	885		0	228	26	228	26
1974	140		0		0		0
1975							
1976							
1977							
1978							
1979							
1980							
1981	150	397	265	_	0		265-
1982	335		0	5	1	5	1
1983	335-		0	5-	1	5-	1
1984	3,813		0		0		0
1985	225		0	12	4	12	1
1986 1987	335		0	12	4	12	4
1988	3,546		0		0		0
1989	225		0		0		0
1990	223		U		U		U
1991	525		0		0		0
1992	020		O		Ü		O
1993							
1994							
1995	2,523	275	11		0	275-	11-
1996	4,073		0		0		0
1997							
1998							
1999							
2000							
2001							
2002	3 , 647	14	0	76	2	62	2
2003							
2004	2,554	1,753	69		0	1,753-	69-
2005							
2006	6,784	6,873	101		0	6,873-	
2007	43,898	16,641	38		0	16,641-	38-
2008							
2009							
2010	F 2		^		0		^
2011	53		0		0		0
2012 2013							
2013							
2014							

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2015							
2016	1,539	1-	- 0	111	7	112	7
2017	3,310		0		0		0
2018	75 , 759	69,410	92	17	0	69,392-	92-
2019							
TOTAL	153,758	95,361	62	444	0	94,917-	62-
THREE-YE	AR MOVING AVERAGE	IS					
73-75	342		0	76	22	76	22
74-76	47		0		0		0
75-77							
76-78							
77-79							
78-80							
79-81	50	132	265		0	132-	265-
80-82	162	132	82	2	1	131-	81-
81-83	50	132	265		0	132-	265-
82-84	1,271		0		0		0
83-85	1,159		0	2-	0	2-	0
84-86	1,383		0	4	0	4	0
85-87	112		0	4	4	4	4
86-88	1,294		0	4	0	4	0
87-89	1,257		0		0		0
88-90	1,257		0		0		0
89-91	250		0		0		0
90-92	175		0		0		0
91-93	175		0		0		0
92-94							
93-95	841	92	11		0	92-	
94-96	2,199	92	4		0	92-	
95-97	2,199	92	4		0	92-	4 –
96-98	1,358		0		0		0
97-99							
98-00							
99-01	1 016	_	0	٥٢	0	0.1	0
00-02	1,216	5	0	25	2	21	2
01-03	1,216	5	0	25 25	2	21 564-	2 27-
02-04 03-05	2,067	589	28	25	1	584-	
	851	584	69		0		69-
04-06	3,113	2,875	92		0	2,875-	92-

ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

	DECLIE A D	COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	EAR MOVING AVERAGE	S					
05-07	16,894	7,838	46		0	7,838-	46-
06-08	16,894	7,838	46		0	7,838-	46-
07-09	14,633	5,547	38		0	5 , 547-	38-
08-10							
09-11	18		0		0		0
10-12	18		0		0		0
11-13	18		0		0		0
12-14							
13-15							
14-16	513		0	37	7	37	7
15-17	1,616		0	37	2	37	2
16-18	26,869	23,136	86	43	0	23,094-	86-
17-19	26,356	23,137	88	6	0	23,131-	88-
FIVE-YEA	AR AVERAGE						
15-19	16,122	13,882	86	26	0	13,856-	86-

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
2000	5,682	6,852	121	0	6,852-	121-
2001	0,002	0,002		<u> </u>	0,002	
2002						
2003						
2004						
2005						
2006						
2007	150,050	56,881	38	0	56,881-	38-
2008	,	•			,	
2009						
2010						
2011						
2012						
2013						
2014						
2015						
2016						
2017						
2018	17,811	5,384	30	0	5,384-	30-
2019						
TOTAL	173,544	69,116	40	0	69,116-	40-
THREE-YE	AR MOVING AVERAGE	ES				
00-02	1,894	2,284	121	0	2,284-	121-
01-03						
02-04						
03-05						
04-06						
05-07	50,017	18,960		0	18,960-	
06-08	50,017	18,960	38	0	18,960-	
07-09	50,017	18,960	38	0	18,960-	38-
08-10						
09-11						
10-12						
11-13						
12-14						
13-15						
14-16						
15-17						



ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCI	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES					
16-18	5 , 937	1,795	30	C	1,795-	30-
17-19	5 , 937	1,795	30	C	1,795-	30-
FIVE-YEA	R AVERAGE					
15-19	3,562	1,077	30	C	1,077-	30-

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1979	6,112	6,510	107		0	6,510-	107-
1980							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
2000							
2001 2002							
2002							
2003	9,265	6 , 707	72		0	6,707-	72-
2004	9,203	0,707	12		O	0,707-	/
2006		18,000				18,000-	
2007		20,000				10,000	
2008							
2009	25,423	13,023	51		0	13,023-	51-
2010	,	, ,				, , ,	
2011							
2012							
2013							
2014							
2015							
2016	133,323	37 , 937	28	1,411	1	36,526-	27-
2017							

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

W	REGULAR	COST OF REMOVAL	DOM	GROSS SALVAGE	DOF	NET SALVAGE	DOE
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2018	125	140	112		0	140-	112-
2019	52,530	2,884	5		0	2,884-	5 –
TOTAL	226 , 779	85,201	38	1,411	1	83,791-	37-
THREE-YE	AR MOVING AVERAGE	IS					
79-81	2,037	2,170	107		0	2,170-	107-
80-82							
81-83							
82-84							
83-85							
84-86							
85-87							
86-88							
87-89							
88-90							
89-91							
90-92							
91-93							
92-94							
93-95							
94-96							
95-97							
96-98							
97-99							
98-00							
99-01							
00-02							
01-03	0.000	0.006				0.006	
02-04	3,088		72		0	2,236-	
03-05	3,088	2,236	72		0	2,236-	
04-06	3,088	8,236	267		0	8,236-	267-
05-07		6,000				6,000-	
06-08	0 474	6,000	Г1		0	6,000-	Г1
07-09	8,474	4,341	51 = 1		0	4,341-	51 -
08-10	8,474	4,341	51 = 1		0	4,341-	51 -
09-11	8,474	4,341	51		0	4,341-	51-
10-12							
11-13							
12-14							
13-15							

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	-	PCT
THREE-YE	AR MOVING AVERAGES	}					
14-16	44,441	12,646	28	470	1	12,175-	27-
15-17	44,441	12,646	28	470	1	12,175-	27-
16-18	44,483	12,692	29	470	1	12,222-	27-
17-19	17 , 552	1,008	6		0	1,008-	6-
FIVE-YEA	R AVERAGE						
15-19	37,196	8,192	22	282	1	7,910-	21-

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
2003	4,128	8,322	202	0	8,322-	202-
2004	4,465		0	0		0
2005						
2006						
2007						
2008						
2009						
2010	174,612		0	0		0
2011	95,084	22,264	23	0	22,264-	23-
2012						
2013						
2014						
2015						
2016						
2017	21,564	15,336	71	0	15,336-	71-
2018						
2019	319,042		0	0		0
TOTAL	618,896	45,922	7	0	45,922-	7 –
THREE-YE	AR MOVING AVERAG	ES				
03-05	2,864	2,774	97	0	2,774-	97-
04-06	1,488	,	0	0	·	0
05-07						
06-08						
07-09						
08-10	58,204		0	0		0
09-11	89,899	7,421	8	0	7,421-	8-
10-12	89,899	7,421	8	0	7,421-	8 –
11-13	31,695	7,421	23	0	7,421-	23-
12-14						
13-15						
14-16						
15-17	7,188	5,112	71	0	5,112-	
16-18	7,188	5,112	71	0	5,112-	
17-19	113,536	5,112	5	0	5,112-	5-
FIVE-YEA	R AVERAGE					
15-19	68,121	3 , 067	5	0	3,067-	5-
13-19	00,121	3,00/	5	0	3,00/-	5-

ACCOUNT 343 PRIME MOVERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
1984	3,454	21	1	0	21-	1-
1985						
1986						
1987						
1988						
1989						
1990						
1991	8,498		0	0		0
1992						
1993						
1994						
1995	13,003	479	4	0	479-	4 -
1996						
1997						
1998						
1999		14,899			14,899-	
2000	3,969		0	0		0
2001						
2002	49,334		0	0		0
2003						
2004	133,032		0	0		0
2005						
2006	4,152,762	51,591	1	0	51,591-	1-
2007	158,697	2,645	2	0	2,645-	2-
2008	3,094,134	33,968	1	0	33,968-	1-
2009	4,821,769	187,922	4	0	187,922-	4 –
2010	10,198		0	0		0
2011	864,934	246,198	28	0	246,198-	28-
2012	4,352,088	491,905	11	0	491,905-	11-
2013	2,272,451	180,391	8	0	180,391-	8 –
2014	37,831	84,508	223	6 , 771 18	77,737-	
2015	177,521		0	0		0
2016	27,072	1,179	4	0	1,179-	4 –
2017	890,335	100,424	11	0	100,424-	11-
2018	4,159,705	568,635	14	0	568,635-	
2019	3,870,507	17,427	0	0	17,427-	0
TOTAL	29,101,294	1,982,193	7	6,771 0	1,975,422-	7 –
THREE-YE	AR MOVING AVERAGE	ES				
84-86	1,151	7	1	0	7-	1-

ACCOUNT 343 PRIME MOVERS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE:	S					
85-87							
86-88							
87-89							
88-90							
89-91	2,833		0		0		0
90-92	2,833		0		0		0
91-93	2,833		0		0		0
92-94							
93-95	4,334	160	4		0	160-	4 -
94-96	4,334	160	4		0	160-	4 -
95-97	4,334	160	4		0	160-	4 -
96-98							
97-99		4,966				4,966-	
98-00	1,323	4,966	375		0	4,966-	375-
99-01	1,323	4,966	375		0	4,966-	375-
00-02	17,768		0		0		0
01-03	16,445		0		0		0
02-04	60 , 789		0		0		0
03-05	44,344		0		0		0
04-06	1,428,598	17,197	1		0	17,197-	1-
05-07	1,437,153	18,079	1		0	18,079-	1-
06-08	2,468,531	29,401	1		0	29,401-	1-
07-09	2,691,533	74,845	3		0	74,845-	3-
08-10	2,642,034	73,963	3		0	73,963-	3-
09-11	1,898,967	144,707	8		0	144,707-	8 –
10-12	1,742,407	246,034	14		0	246,034-	14-
11-13	2,496,491	306,165	12		0	306,165-	12-
12-14	2,220,790	252,268	11	2,257	0	250,011-	11-
13-15	829 , 267	88,300	11	2,257	0	86,043-	10-
14-16	80,808	28,563	35	2,257	3	26,306-	33-
15-17	364 , 976	33,868	9		0	33,868-	9-
16-18	1,692,371	223,413	13		0	223,413-	13-
17-19	2,973,516	228,829	8		0	228,829-	8 –
FTVE-YEAI	R AVERAGE						
15-19	1,825,028	137,533	8		0	137,533-	8 –

ACCOUNT 344 GENERATORS

YEAR RETIREMENTS AMOUNT PCT		REGULAR	COST OF REMOVAL		GROSS SALVAGE	NET SALVAGE	
1975 1976 1977 1978 1979 1980 1981 1,984 0 0 0 0 1982 1983 10,000 386 4 0 1987 1986 1987 1988 290 0 1,209 24 0 1989 1990 1990 1991 1992 1993 2,000 1989 1990 1994 1995 16,367 603 4 1996 50,000 5,018 10 0 342 1 1998 1999 1999 2000 2001 2002 2001 2002 2004 2005 2006 2007 2008 94,470 2010 2010 2010 2008 97,470 2010 2010 2011 46,427 6,632 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	YEAR			PCT			PCT
1976 1977 1978 1979 1980 1981 1,984 0 0 0 0 0 1982 1983 10,000 386 4 0 386 1986 1987 1988 290 0 0 1,209 24 1988 290 0 0 1999 1991 1992 1991 1992 1993 1994 1995 16,367 603 4 0 1996 1997 1995 16,367 603 4 0 0 1999 1999 1999 1999 2000 2001 2002 2011 2002 2011 2002 2004 2005 2006 2007 2008 2004 2009 2009 2009 2000 2001 2000 2001 2000 2001 2002 2001 2002 2004 2005 2006 2007 2008 2008 2009 2009 2009 2009 2000 2001 2000 2001 2002 2001 2002 2001 2002 2003 2004 2005 2006 2007 2008 2009 2016 2020		250	16	6	0	16-	6-
1977 1978 1979 1980 1981 1,984 10,000 386 4 0 1987 1988 1987 1988 1990 1991 1990 1991 1992 1993 2,000 1,209 1991 1992 1993 1995 16,367 603 4 1996 50,000 5,018 10 0 10 10 10 10 10 10 10 10 10 10 10 1							
1978 1979 1980 1981 1,984 1,984 10,000 386 4 1983 10,000 386 4 1984 1985 1986 1987 1988 290 0 0 0 1,209 24 1988 290 0 0 0 1,209 24 1990 1991 1992 1993 2,000 1991 1992 1993 2,000 1996 1997 1999 1999 1999 1999 1999 1999							
1979 1980 1981 1,984 0 0 0 1982 1983 10,000 386 4 0 386 1986 1987 1980 1989 1990 1990 1991 1992 1993 2,000 196 1994 1995 16,367 603 4 1996 50,000 5,018 10 0 342 1 1998 1998 1999 2000 2001 2002 2011 2002 2191,176 2016 2008 2009 2008 2009 2009 2000 2001 2009 2000 2001 2000 2001 2002 2011 46,427 6,632 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
1980 1981							
1981							
1982 1983		1 984		Ω	0		\cap
1983		1, 504		O	O		O
1984 1985 1986 1987 5,000 1,209 24 0 0 1,209 24 1988 290 0 0 1989 1990 1990 1991 1992 1993 2,000 196 10 0 196-10-10-1994 1995 16,367 603 4 0 1996 50,000 5,018 10 0 342-1 1997 50,000 342-1 1998 1999 2000 2001 2001 2002 191,176 19,600 10 0 19,600-10-2003 2004 2005 2006 2007 2008 94,470 20,158 21 0 20,158-21-2009 2000 2011 2002 2011 2008 94,470 20,158 21 0 20,158-21-2009 2010 2011 2011 46,427 6,632 14 0 20,158-21-2012 9,823 21,038 214 0 0 0 0 0 0		10 - 000	386	4	0	386-	4 –
1985 1986 1987		10,000	300	-	Ŭ.	300	1
1986 1987							
1987							
1988		5,000	1,209	24	0	1,209-	24-
1989 1990 1991 1992 1993 2,000 196 10 0 196-10- 1994 1995 16,367 603 4 0 603-4- 1996 50,000 5,018 10 0 342-1- 1998 1999 2000 2001 2002 2001 2002 2001 2002 2004 2005 2006 2007 2008 94,470 2018 2019 2010 2011 46,427 6,632 14 0 20,158- 21- 2012 20,823 21,038-214- 2013 2014 248,506 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			,			,	
1990 1991 1992 1993 2,000 196 10 0 196-10- 1994 1995 16,367 603 4 0 603-4- 1996 50,000 5,018 10 0 342-1- 1998 1999 2000 2001 2002 2001 2002 2004 2005 2006 2007 2008 94,470 20,158 21 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
1991 1992 1993 2,000 196 10 0 196-10- 197 1994 1995 16,367 603 4 0 5,018-10- 1996 50,000 5,018 10 0 5,018-10- 1997 50,000 342 1 0 342- 1- 1998 1999 2000 2001 2002 2001 2002 20191,176 19,600 10 0 19,600- 10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 20,158- 21- 2012 29,823 21,038 214 0 21,038- 214- 2013 2014 248,506 0 0 0							
1993							
1994 1995	1992						
1995	1993	2,000	196	10	0	196-	10-
1996	1994						
1997 50,000 342 1 0 342-1- 1998 1999 2000 2001 2002 191,176 19,600 10 0 19,600-10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 0 20,158-21- 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632-14- 2012 9,823 21,038 214 0 21,038-214- 2013 2014 248,506 0 0 0	1995	16,367	603	4	0	603-	4 -
1998 1999 2000 2001 2002 191,176 19,600 10 0 19,600- 10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 209 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632- 14- 2012 9,823 21,038 214 0 0 0 0	1996	50,000		10		5,018-	10-
1999 2000 2001 2002 191,176 19,600 10 0 19,600-10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632-14- 2012 9,823 21,038 214 0 0 0		50,000	342	1	0	342-	1-
2000 2001 2002 191,176 19,600 10 0 19,600- 10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 0 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632- 14- 2012 9,823 21,038 214 0 0 0							
2001 2002 191,176 19,600 10 0 19,600- 10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 209 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632- 14- 2012 9,823 21,038 214 0 0 0 0							
2002 191,176 19,600 10 0 19,600- 10- 2003 2004 2005 2006 2007 2008 94,470 20,158 21 0 20,158- 21- 2009 156 413 264 6,460 6,047 6,047 6,047 6,047 6,632- 14- 2012 9,823 21,038 214 0 21,038- 214- 2013 2013 2014 248,506 0							
2003 2004 2005 2006 2007 2008 94,470 20,158 21 0 20,158- 21- 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632- 14- 2012 9,823 21,038 214 0 21,038- 214- 2013 2014 248,506 0 0 0							
2004 2005 2006 2007 2008 94,470 20,158 21 0 20,158- 21- 2009 156 413 264 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632- 14- 2012 9,823 21,038 214 0 21,038- 214- 2013 2014 248,506 0 0 0		191,176	19,600	10	0	19,600-	10-
2005 2006 2007 2008 94,470 20,158 21 0 20,158 21- 2009 156 413 264 6,460 6,460 6,047 2010 2011 46,427 6,632 14 0 6,632 14- 0 6,632 14- 2012 9,823 21,038 214 0 21,038 214- 2013 2014 248,506 0 0 0 0							
2006 2007 2008 94,470 20,158 21 0 20,158 21- 2009 156 413 264 6,460 6,047 2010 6,632 14 0 6,632- 14- 2011 46,427 6,632 14 0 21,038 214 0 21,038- 214- 2012 9,823 21,038 214 0 0 0 0 0 2013 248,506 0 0 0 0							
2007 2008 94,470 20,158 21 0 20,158-21-209 20,158-21-209 20,047							
2008 94,470 20,158 21 0 20,158-21-2009 20,158-21-2009 20,047 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
2009 156 413 264 6,460 6,047 2010 6,632 14 0 6,632 14 - 2012 9,823 21,038 214 0 21,038 214 - 2013 2014 248,506 0 0 0		04 470	20 150	21	0	20 150	2.1
2010 2011 46,427 6,632 14 0 6,632 14- 2012 9,823 21,038 214 0 21,038- 214- 2013 2014 248,506 0 0 0							Z1 -
2011 46,427 6,632 14 0 6,632- 14- 2012 9,823 21,038- 214- 2013 0 0 0 2014 248,506 0 0 0		100	413	204	0,400	0,04/	
2012 9,823 21,038 214 0 21,038 214 - 2013 2014 248,506 0 0 0		16 127	6 632	1 /	0	6 632-	1 / _
2013 2014 248,506 0 0 0							
2014 248,506 0 0		7,023	21,030	2 I I	O	21,030-	217
		248.506		Ω	Λ		Ω
		210,000		J	O .		Ü

ACCOUNT 344 GENERATORS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2016	40,809		0	1	0	1	0
2017	308,016	71,190	23		0	71,190-	23-
2018	19,920		0		0		0
2019	3,084,602	32,131	1		0	32,131-	1-
TOTAL	4,179,797	178,932	4	6,461	0	172,470-	4 –
THREE-YE	AR MOVING AVERAG	ES					
74-76	83	5	6		0	5-	6-
75-77							
76-78							
77-79							
78-80							
79-81	661		0		0		0
80-82	661		0		0		0
81-83	3,995	129	3		0	129-	3-
82-84	3,333	129	4		0	129-	4-
83-85	3,333	129	4		0	129-	4 -
84-86							
85-87	1,667	403	24		0	403-	24-
86-88	1,763	403	23		0	403-	23-
87-89	1,763	403	23		0	403-	23-
88-90	97		0		0		0
89-91							
90-92							
91-93	667	65	10		0	65-	10-
92-94	667	65	10		0	65-	
93-95	6,122	266	4		0	266-	4 –
94-96	22,122	1,874	8		0	1,874-	8 –
95-97	38,789	1,988	5		0	1,988-	
96-98	33,333	1,787	5		0	1,787-	5-
97-99	16,667	114	1		0	114-	1-
98-00							
99-01							
00-02	63,725	6,533	10		0	6,533-	10-
01-03	63,725	6,533	10		0	6,533-	10-
02-04	63 , 725	6,533	10		0	6,533-	10-
03-05							
04-06							
05-07	21 400	C 510	0.1		0	6 810	0.1
06-08	31,490	6,719	21		0	6,719-	21-

ACCOUNT 344 GENERATORS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	5					
07-09	31,542	6 , 857	22	2,153	7	4,704-	15-
08-10	31,542	6 , 857	22	2,153	7	4,704-	15-
09-11	15,528	2,348	15	2,153	14	195-	1-
10-12	18,750	9,223	49		0	9,223-	49-
11-13	18,750	9,223	49		0	9,223-	49-
12-14	86,110	7,013	8		0	7,013-	8-
13-15	82,835		0		0		0
14-16	96,438		0		0		0
15-17	116,275	23,730	20		0	23,729-	20-
16-18	122,915	23,730	19		0	23,729-	19-
17-19	1,137,513	34,440	3		0	34,440-	3-
FIVE-YEA	R AVERAGE						
15-19	690,669	20,664	3		0	20,664-	3-

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1995 1996 1997	36,041	1,329	4		0	1,329-	4 –
1998							
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006							
2007 2008							
2008	368	970	264	15,184		14,214	
2010	300	310	204	10,104		14,214	
2010	8,552	12,756	149		0	12,756-	149-
2012	19,982	30,858			0	30,858-	
2013	57 , 671	,	0		0	,	0
2014	,						
2015	23,086	7,520	33		0	7,520-	33-
2016	89,026		0	22	0	22	0
2017							
2018	17,345		0		0		0
2019	143,716		0		0		0
TOTAL	395,788	53,432	14	15,206	4	38,227-	10-
THREE-YE	CAR MOVING AVERAGES	5					
95-97 96-98	12,014	443	4		0	443-	4 –
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06							
05-07							
06-08							



ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
07-09	123	323	264	5,061		4,738	
08-10	123	323	264	5,061		4,738	
09-11	2,973	4,575	154	5,061	170	486	16
10-12	9,511	14,538	153		0	14,538-	153-
11-13	28,735	14,538	51		0	14,538-	51-
12-14	25,885	10,286	40		0	10,286-	40-
13-15	26,919	2,507	9		0	2,507-	9-
14-16	37,371	2,507	7	7	0	2,499-	7 –
15-17	37,371	2,507	7	7	0	2,499-	7 –
16-18	35,457		0	7	0	7	0
17-19	53,687		0		0		0
FIVE-YEAR	R AVERAGE						
15-19	54,635	1,504	3	4	0	1,500-	3-

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT P	СТ	NET SALVAGE AMOUNT	PCT
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	1,263	47	4		0	47-	4-
2009 2010 2011 2012 2013 2014 2015	1,141	33,120			0	33,120-	
2016	22,885		0		0		0
2018 2019	15,974	3,358	21		0	3,358-	21-
TOTAL	41,262	36,525	89		0	36,525-	89-
THREE-YE	CAR MOVING AVERAGES						
95-97 96-98 97-99 98-00 99-01 00-02 01-03 02-04 03-05 04-06 05-07 06-08	421	16	4		0	16-	4-

ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

		COST OF		GROSS	NET	
	REGULAR	REMOVAL		SALVAGE	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}				
07-09						
08-10						
09-11	380	11,040		0	11,040-	
10-12	380	11,040		0	11,040-	
11-13	380	11,040		0	11,040-	
12-14						
13-15						
14-16						
15-17	7,628		0	0		0
16-18	7,628		0	0		0
17-19	12,953	1,119	9	0	1,119-	9-
FIVE-YEA	R AVERAGE					
15-19	7,772	672	9	0	672-	9-

ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1976	619	43	7	529	85	486	79
1977	51 , 877	328	1	150	0	178-	0
1978	393	21	5	333	85	312	79
1979							
1980							
1981							
1982							
1983							
1984							
1985	763	264	35		0	264-	35-
1986	17,761	15,241	86		0	15,241-	86-
1987	5,215		0		0		0
1988	13,043		0		0		0
1989							
1990							
1991	4,469	500	11		0	500-	11-
1992	5,166	18	0		0	18-	0
1993	28,316	949	3		0	949-	3-
1994	11,420	541	5		0	541-	5 -
1995	3,295	95	3	57	2	38-	1-
1996	5 , 519	37	1		0	37-	1-
1997							
1998							
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006	1,392	543	39		0	543-	
2007	22,943	3,751	16		0	3,751-	
2008	405,495	17,057	4	6,215	2	10,841-	3-
2009	15,069	9,723	65		0	9,723-	65-
2010	200,353		0		0		0
2011							
2012							
2013	0 150	10.006	001		0	10.006	0.01
2014	8 , 173	18,886	231		0		231-
2015	17,437	11,027	63	10 400	0	11,027-	63-
2016	70,612	965	1	13,492	19	12,527	18
2017	26,706	19,273	72		0	19,273-	72-

ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2018	11,504	5,640	49		0	5,640-	49-
2019	2,773	2,222	0		0	2,020	0
	·						
TOTAL	930,313	104,902	11	20,776	2	84,126-	9-
THREE-YE	AR MOVING AVERAGE	ES					
76-78	17 , 630	131	1	337	2	207	1
77-79	17,423	116	1	161	1	45	0
78-80	131	7	5	111	85	104	79
79-81							
80-82							
81-83							
82-84							
83-85	254	88	35		0	88-	
84-86	6 , 175	5,168	84		0	5,168-	
85-87	7 , 913	5,168	65		0	5,168-	
86-88	12,006	5,080	42		0	5,080-	42-
87-89	6,086		0		0		0
88-90	4,348		0		0		0
89-91	1,490	167	11		0	167-	11-
90-92	3,212	173	5		0	173-	5 –
91-93	12,650	489	4		0	489-	4 –
92-94	14,967	503	3		0	503-	3-
93-95	14,344	528	4	19	0	509-	4 –
94-96	6 , 745	224	3	19	0	205-	3-
95-97	2,938	44	1	19	1	25-	1-
96-98	1,840	12	1		0	12-	1-
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06	464	181	39		0	181-	39-
05-07	8,112	1,431	18		0	1,431-	18-
06-08	143,277	7,117	5	2,072	1	5,045-	4 –
07-09	147,836	10,177	7	2,072	1	8,105-	5 –
08-10	206,973	8,927	4	2,072	1	6,855-	3-
09-11	71,808	3,241	5		0	3,241-	5 –
10-12	66 , 784		0		0		0

ACCOUNT 352.1 STRUCTURES AND IMPROVEMENTS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}					
11-13							
12-14	2,724	6,295	231		0	6 , 295-	231-
13-15	8,536	9,971	117		0	9,971-	117-
14-16	32,074	10,293	32	4,497	14	5 , 796-	18-
15-17	38,251	10,422	27	4,497	12	5,924-	15-
16-18	36,274	8,626	24	4,497	12	4,129-	11-
17-19	13,661	8,304	61		0	8,304-	61-
FIVE-YEA	R AVERAGE						
15-19	25,806	7,381	29	2,698	10	4,683-	18-

ACCOUNT 353.1 STATION EQUIPMENT

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
				711100111			
1972	9,504	33	0		0	33-	0
1973	27,523	3,513	13	640	2	2,873-	10-
1974	36,315	1,159	3	14,277	39	13,118	36
1975	31,274	5,356	17	9,236	30	3,880	12
1976	63,202	8,258	13	26,745	42	18,487	29
1977	329,812	36,179	11	72,773	22	36,594	11
1978	117,987	10,281	9	15,461	13	5,180	4
1979	167,581	39,068	23	28,697	17	10,371-	6-
1980	40,617	4,429	11	23,892	59	19,463	48
1981	111,864	7,931	7	8,463	8	532	0
1982	61,638	53 , 854	87	2,515	4	51,339-	83-
1983	52 , 035	19,019	37	8,841	17	10,178-	20-
1984	4,430		0		0		0
1985	217,227	102,797	47	2,908	1	99,889-	46-
1986	237,354	65,583	28	66,121	28	538	0
1987	409,677	90,072	22	155,385	38	65,313	16
1988	530,419	92,126	17	246,275	46	154,149	29
1989	100,959	9,246	9	5 , 536	5	3,710-	4 -
1990	30 , 997	2,527	8		0	2,527-	8 –
1991	129,160	3,993	3		0	3,993-	3-
1992	105,050	10,953	10		0	10,953-	10-
1993	204,560	31,374	15	5,264	3	26,110-	13-
1994	131,400	6,237	5	34,044	26	27 , 807	21
1995	582 , 642	16,868	3	9,988	2	6,880-	1-
1996	449,821	3,000	1		0	3,000-	1-
1997	304 , 959	33,813	11	14,615	5	19,198-	6-
1998	7 , 839	11,273	144	9	0	11,264-	144-
1999		107,665				107,665-	
2000	1,515	105,112		16,998		88,114-	
2001	40,883		0		0		0
2002	1,222,628	27,845	2		0	27,845-	2-
2003	13,875	8,599	62		0	8,599-	62-
2004	263,024	36,772	14		0	36,772-	14-
2005							
2006	2,146,397	367 , 595	17		0	367,595-	17-
2007	665,339	290,612	44		0	290,612-	44-
2008	3,404,433	139,017	4	54,436	2	84,581-	2-
2009	523,412	250,120	48		0	250,120-	48-
2010	335,979	161,304	48		0	161,304-	48-
2011	1,148,921	69,771	6		0	69,771-	6-
2012	3,119,015	446,972	14	217,828	7	229,144-	7 –
2013	789,941	311,000	39	,	0	311,000-	39-
	,	,			-	,	

ACCOUNT 353.1 STATION EQUIPMENT

COST OF GROSS REGULAR REMOVAL SALVAGE YEAR RETIREMENTS AMOUNT PCT AMOUNT PCT	NET SALVAGE AMOUNT	PCT
2014 458,805 141,102 31 54,000 12	87,102-	19-
2015 3,227,744 1,082,022 34 154,731 5	927,290-	29-
2016 1,387,645 153,369 11 158,312 11	4,943	0
	,232,672-	93-
2018 6,665,157 888,181 13 1,767 0	886,415-	13-
2019 526,592 442,421 84 607 0	441,814-	84-
TOTAL 31,761,178 6,937,363 22 1,416,633 4 5	,520,729-	17-
THREE-YEAR MOVING AVERAGES		
72-74 24,447 1,568 6 4,972 20	3,404	14
73-75 31,704 3,343 11 8,051 25	4,708	15
74-76 43,597 4,924 11 16,753 38	11,828	27
75-77 141,429 16,598 12 36,251 26	19,654	14
76-78 170,334 18,239 11 38,326 23	20,087	12
77-79 205,127 28,509 14 38,977 19	10,468	5
78-80 108,728 17,926 16 22,683 21	4,757	4
79-81 106,687 17,143 16 20,351 19	3,208	3
80-82 71,373 22,071 31 11,623 16	10,448-	15-
81-83 75,179 26,935 36 6,606 9	20,328-	27-
82-84 39,368 24,291 62 3,785 10	20,506-	52-
83-85 91,231 40,605 45 3,916 4	36 , 689-	40-
84-86 153,004 56,127 37 23,010 15	33,117-	22-
85-87 288,086 86,151 30 74,805 26	11,346-	4 –
86-88 392,483 82,594 21 155,927 40	73,333	19
87-89 347,018 63,815 18 135,732 39	71,917	21
88-90 220,792 34,633 16 83,937 38	49,304	22
89-91 87,039 5,255 6 1,845 2	3,410-	4 –
90-92 88,402 5,824 7 0	5,824-	7 –
91-93 146,257 15,440 11 1,755 1	13,685-	9-
92-94 147,003 16,188 11 13,103 9	3,085-	2-
93-95 306,201 18,160 6 16,432 5	1,728-	1-
94-96 387,954 8,702 2 14,677 4	5 , 976	2
95-97 445,807 17,894 4 8,201 2	9,693-	2-
96-98 254,206 16,029 6 4,875 2	11,154-	4 –
97-99 104,266 50,917 49 4,875 5	46,042-	44-
98-00 3,118 74,683 5,669 182	69,014-	
99-01 14,133 70,926 502 5,666 40	65,260-	462-
00-02 421,675 44,319 11 5,666 1	38,653-	9-
01-03 425,795 12,148 3 0	12,148-	3-
02-04 499,842 24,405 5 0	24,405-	5-

ACCOUNT 353.1 STATION EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	ES					
03-05	92,300	15,124	16		0	15,124-	16-
04-06	803,140	134,789	17		0	134,789-	17-
05-07	937,245	219,402	23		0	219,402-	23-
06-08	2,072,056	265,741	13	18,145	1	247,596-	12-
07-09	1,531,062	226,583	15	18,145	1	208,438-	14-
08-10	1,421,275	183,480	13	18,145	1	165,335-	12-
09-11	669,437	160,399	24		0	160,399-	24-
10-12	1,534,638	226,016	15	72,609	5	153,406-	10-
11-13	1,685,959	275,914	16	72,609	4	203,305-	12-
12-14	1,455,920	299,691	21	90,609	6	209,082-	14-
13-15	1,492,163	511,375	34	69 , 577	5	441,797-	30-
14-16	1,691,398	458,831	27	122,348	7	336,483-	20-
15-17	1,979,805	824 , 777	42	106,438	5	718,340-	36-
16-18	3,125,609	760,164	24	55,449	2	704,715-	23-
17-19	2,838,592	856,515	30	2,881	0	853,634-	30-
FIVE-YEA	R AVERAGE						
15-19	2,626,233	760 , 987	29	64,337	2	696,650-	27-

ACCOUNT 354 TOWERS AND FIXTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1974	80,109	2,748	3	2,353	3	395-	0
1975	9,884	5,013	51	19,181	194	14,168	143
1976	63,081	30,554	48	12,398	20	18,156-	29-
1977	38,580	32,752	85	59 , 546	154	26,794	69
1978	34,789	49,395	142	8,604	25	40,791-	117-
1979	14,587	4,847	33	5 , 974	41	1,127	8
1980							
1981							
1982	20,560	4,178	20	4,278	21	100	0
1983	360	975	271	1,600	444	625	174
1984	3,387	13,663	403	5 , 928	175	7 , 735-	228-
1985	9,098	6,134	67	10,290	113	4,156	46
1986							
1987							
1988							
1989	3,250	8,836	272		0	8,836-	272-
1990							
1991	8,495	2,035	24		0	2,035-	24-
1992	131,331	52,432	40	804	1	51,628-	39-
1993							
1994							
1995							
1996	26,231	50,408	192	6 , 280	24	44,128-	168-
1997							
1998	110,605	159,051	144	129	0	158 , 922-	144-
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006	1,877	10,950	583		0	10,950-	583-
2007							
2008							
2009	53,943	7,060	13		0	7,060-	13-
2010	125,472	115,830	92	21,571	17	94,259-	75-
2011	21	4,244			0	4,244-	
2012	133,815	222,428	166	86,867	65	135,561-	101-
2013	84,626	10,254	12		0	10,254-	12-
2014	127,268	283,367	223	2,448	2	280,919-	
2015	22 , 677	78,105	344		0	78,105-	344-

ACCOUNT 354 TOWERS AND FIXTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	TNUOMA	PCT	AMOUNT	PCT
2016	98,688	68,015	69	3,466	4	64,549-	65-
2017							
2018	8,405	957 , 584			0	957 , 584-	
2019	138,710		0		0		0
TOTAL	1,349,848	2,180,857	162	251,717	19	1,929,140-	143-
THREE-YE	CAR MOVING AVERAG	ES					
74-76	51,025	12,772	25	11,311	22	1,461-	3-
75-77	37 , 182	22,773	61	30 , 375	82	7,602	20
76-78	45 , 483	37 , 567	83	26,849	59	10,718-	24-
77-79	29,319	28,998	99	24,708	84	4,290-	15-
78-80	16,459	18,081	110	4,859	30	13,221-	80-
79-81	4,862	1,616	33	1,991	41	376	8
80-82	6,853	1,393	20	1,426	21	33	0
81-83	6 , 973	1,718	25	1,959	28	242	3
82-84	8,102	6 , 272	77	3 , 935	49	2 , 337-	29-
83-85	4,282	6,924	162	5,939	139	985-	23-
84-86	4,162	6,599	159	5,406	130	1,193-	29-
85-87	3,033	2,045	67	3,430	113	1,385	46
86-88							
87-89	1,083	2,945	272		0	2,945-	
88-90	1,083	2,945	272		0	2,945-	
89-91	3 , 915		93		0	3,624-	
90-92	46,609	18,156	39	268	1	17,888-	
91-93	46,609	18,156	39	268	1	17,888-	
92-94	43,777	17,477	40	268	1	17,209-	39-
93-95							
94-96	8,744		192	2,093	24	14,709-	
95-97	8,744	•	192	2,093	24	14,709-	
96-98	45,612	69 , 820	153	2,136	5	67,683-	
97-99	36,868	53,017		43	0	52 , 974-	
98-00	36,868	53,017	144	43	0	52,974-	144-
99-01							
00-02							
01-03							
02-04							
03-05	60.6	2 652	F 0 0		^	2 652	F 0 0
04-06	626		583		0	3,650-	
05-07	626	3,650	583		0	3,650-	
06-08	626	3 , 650	583		0	3,650-	583-

ACCOUNT 354 TOWERS AND FIXTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES	5					
07-09	17 , 981	2,353	13		0	2,353-	13-
08-10	59 , 805	40,964	68	7,190	12	33,773-	56-
09-11	59,812	42,378	71	7,190	12	35,188-	59 -
10-12	86,436	114,167	132	36,146	42	78,021-	90-
11-13	72,820	78 , 975	108	28 , 956	40	50,020-	69-
12-14	115,236	172,016	149	29 , 772	26	142,245-	123-
13-15	78,190	123,909	158	816	1	123,093-	157-
14-16	82,878	143,162	173	1,971	2	141,191-	170-
15-17	40,455	48,706	120	1,155	3	47,551-	118-
16-18	35,698	341,866	958	1,155	3	340,711-	954-
17-19	49,038	319,195	651		0	319,195-	651-
FIVE-YEAR	R AVERAGE						
15-19	53,696	220,741	411	693	1	220,047-	410-

ACCOUNT 355 POLES AND FIXTURES

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	27,938	19,333	69	8,910	32	10,423-	37-
1973	6 , 443	2,763	43	36,502	567	33,739	524
1974	36,081	13,883	38	11,252	31	2,631-	7-
1975	31,006	14,970	48	14,879	48	91-	0
1976	58,590	40,898	70	16,677	28	24,221-	41-
1977	9,197	4,587	50	3,595	39	992-	11-
1978	131,666	53,085	40	54,640	41	1,555	1
1979	41,446	43,084	104	5,180	12	37,904-	91-
1980	63,017	50,091	79	13,593	22	36,498-	58-
1981	24,516	15,709	64	7,164	29	8,545-	35-
1982	47,269	44,204	94	24,766	52	19,438-	41-
1983	13,572	12,785	94	23,331	172	10,546	78
1984	27,608	33,295	121	4,913	18	28,382-	103-
1985	37,544	23,233	62	3,083	8	20,150-	54-
1986	49,007	51,511	105	11,485	23	40,026-	82-
1987	76 , 286	76,088	100	1,216	2	74,872-	98-
1988	104,755	44,133	42	5,958	6	38,175-	36-
1989	131,938	118,951	90	86,007	65	32,944-	25-
1990	70,809	40,334	57	25,218	36	15,116-	21-
1991	139,613	40,109	29	1,345	1	38,764-	28-
1992	55 , 786	5,622	10	4,333	8	1,289-	2-
1993	19,383	10,081	52	4,586	24	5,495-	28-
1994	85 , 604	20,589	24	37 , 583	44	16,994	20
1995	27,541	32,810	119	8,179	30	24,631-	89-
1996	20,902	40,167	192	5,004	24	35,163-	168-
1997	354,471	39,303	11	16,988	5	22,315-	6-
1998	16,195	23,289	144	19	0	23,270-	144-
1999							
2000	33 , 756		0		0		0
2001	28,631	2,777	10	18	0	2 , 759-	10-
2002							
2003	124,060	26,319	21	516-	0	26 , 835-	22-
2004	563	8,868			0	8,868-	
2005							
2006	243,925	129,294-	- 53-		0	129,294	53
2007	105,188	208,464	198		0	208,464-	198-
2008	56,090	218,931	390		0	218,931-	390-
2009	167,620	429,090	256	2,474	1	426,616-	255-
2010	59 , 796	59,415	99		0	59,415-	99-
2011	276,058	206,654	75		0	206,654-	75-
2012	147,653	303,559	206		0	303,559-	206-
2013	154,719	477,777	309		0	477,777-	309-

ACCOUNT 355 POLES AND FIXTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	252,096	407,782	162	31,287	12	376,495-	149-
2015	553 , 177	695,254	126	18,067	3	677,187-	122-
2016	389,631	540,492	139	1,262	0	539,230-	138-
2017	468,266	238,725	51	378	0	238,347-	51-
2018	152,810	373 , 877	245	1,276	1	372,601-	244-
2019	203,466	114,259	56		0	114,259-	56-
TOTAL	5,125,690	5,097,858	99	490,653	10	4,607,205-	90-
THREE-YE	EAR MOVING AVERAGE	ES					
72-74	23,487	11,993	51	18,888	80	6 , 895	29
73-75	24,510	10,539	43	20,878	85	10,339	42
74-76	41,892	23,250	56	14,269	34	8,981-	21-
75-77	32,931	20,152	61	11,717	36	8,435-	26-
76-78	66,484	32 , 857	49	24,971	38	7,886-	12-
77-79	60,770	33,585	55	21,138	35	12,447-	20-
78-80	78 , 710	48,753	62	24,471	31	24,282-	31-
79-81	42,993	36,295	84	8,646	20	27,649-	64-
80-82	44,934	36,668	82	15,174	34	21,494-	48-
81-83	28,452	24,233	85	18,420	65	5,812-	20-
82-84	29,483	30,095	102	17,670	60	12,425-	42-
83-85	26,241	23,104	88	10,442	40	12,662-	48-
84-86	38,053	36,013	95	6,494	17	29 , 519-	78-
85-87	54 , 279	50 , 277	93	5,261	10	45,016-	83-
86-88	76 , 683	57 , 244	75	6,220	8	51,024-	67-
87-89	104,326	79 , 724	76	31,060	30	48,664-	47-
88-90	102,501	67 , 806	66	39,061	38	28,745-	28-
89-91	114,120	66,465	58	37 , 523	33	28,941-	25-
90-92	88 , 736	28,688	32	10,299	12	18,390-	21-
91-93	71,594	18,604	26	3,421	5	15,183-	21-
92-94	53,591	12,097	23	15,501	29	3,403	6
93-95	44,176	21,160	48	16,783	38	4,377-	10-
94-96	44,682	31,189	70	16,922	38	14,267-	32-
95-97	134,305	37 , 427	28	10,057	7	27,370-	20-
96-98	130,523	34,253	26	7,337	6	26,916-	21-
97-99	123,555	20,864	17	5 , 669	5	15,195-	12-
98-00	16,650	7,763	47	6	0	7,757-	47-
99-01	20,796	926	4	6	0	920-	4 –
00-02	20,796	926	4	6	0	920-	4 –
01-03	50,897	9,699	19	166-	0	9,865-	19-
02-04	41,541	11,729	28	172-	0	11,901-	29-

ACCOUNT 355 POLES AND FIXTURES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	41,541	11,729	28	172-	0	11,901-	29-
04-06	81,496	40,142-	49-		0	40,142	49
05-07	116,371	26,390	23		0	26,390-	23-
06-08	135,068	99,367	74		0	99,367-	74-
07-09	109,632	285,495	260	825	1	284,670-	260-
08-10	94,502	235,812	250	825	1	234,987-	249-
09-11	167,825	231,720	138	825	0	230,895-	138-
10-12	161,169	189,876	118		0	189,876-	118-
11-13	192,810	329,330	171		0	329,330-	171-
12-14	184,823	396 , 373	214	10,429	6	385,944-	209-
13-15	319,998	526 , 938	165	16,451	5	510,487-	160-
14-16	398,302	547,843	138	16,872	4	530,971-	133-
15-17	470,358	491,491	104	6 , 569	1	484,921-	103-
16-18	336,903	384,365	114	972	0	383,393-	114-
17-19	274,848	242,287	88	552	0	241,736-	88-
FIVE-YEA	R AVERAGE						
15-19	353,470	392,522	111	4,197	1	388,325-	110-

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	41,755	24,889	60	17,286	41	7,603-	18-
1973	23,069	5,031	22	30,024	130	24,993	108
1974	74,884	34,409	46	15,192	20	19,217-	26-
1975	36,355	21,155	58	33,133	91	11,978	33
1976	155,602	97 , 925	63	33,304	21	64,621-	42-
1977	8,274	1,778	21	3,431	41	1,653	20
1978	174,718	95 , 877	55	96,189	55	312	0
1979	136,058	97 , 978	72	109,600	81	11,622	9
1980	88,788	83,134	94	42,446	48	40,688-	46-
1981	22,085	19,576	89	5,235	24	14,341-	65-
1982	101,611	83,419	82	15,440	15	67 , 979-	67-
1983	20,414	5,801	28	2,757	14	3,044-	15-
1984	33,900	60,494	178	15,519	46	44,975-	133-
1985	35,640	36,943	104	7,128	20	29,815-	84-
1986	13,323	38,341	288	27,856	209	10,485-	79-
1987	26,816	14,798	55	452-	2-	15,250-	57 -
1988	56,186	34,305	61	2,595	5	31,710-	56-
1989	36,537	42,293	116	38,533	105	3,760-	10-
1990	157 , 597	33,346	21	12,220	8	21,126-	13-
1991	141,259	45,298	32	2,324	2	42,974-	30-
1992	122,126	12,248	10	4,429	4	7,819-	6-
1993	21,079	3,946	19	3,117	15	829-	4 –
1994	96,818	20,608	21	19,442	20	1,166-	1-
1995	33,122	39,459	119	9,837	30	29,622-	89-
1996	67 , 890	130,466	192	16,254	24	114,212-	168-
1997	220,263	24,422	11	10,557	5	13,865-	6-
1998	81 , 524	117,232	144	95	0	117,137-	144-
1999							
2000	19,149		0		0		0
2001	9,747	2,212	23	6	0	2,206-	23-
2002							
2003	4,695	12,476	266		0	12,476-	266-
2004							
2005							
2006	187,304	56,934	30	12,504	7	44,430-	24-
2007	1,292	7,585	587		0	7,585-	
2008	39,171	39,527-		7,978	20	47,505	121
2009	44,702		847	1,060	2	377,701-	
2010	163,189	81,482	50	75 , 753	46	5,730-	4 –
2011	165,679	71,740-			0	71,740	43
2012	265,927	263,496	99	9,999	4	253,497-	95-
2013	286,924	528 , 679	184	23 , 277	8	505,402-	176-

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

VEND	REGULAR	COST OF REMOVAL	DOM	GROSS SALVAGE	БОШ	NET SALVAGE	DOM
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	409,195	291,289	71	8,851	2	282,438-	69-
2015	84,639	619,991	733	30,300	36	589 , 690-	697-
2016	379,145	992,058	262	3,408	1	988,649-	261-
2017	241,277	137,831	57	13	0	137,818-	57-
2018	96,409	182,332	189	132	0	182,199-	189-
2019	195,646	189,667	97	570	0	189,098-	97-
TOTAL	4,621,783	4,858,697	105	747,342	16	4,111,355-	89-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	46,569	21,443	46	20,834	45	609-	1-
73-75	44,769	20,198	45	26,116	58	5,918	13
74-76	88,947	51,163	58	27,210	31	23,953-	27-
75-77	66,744	40,286	60	23,289	35	16,997-	25-
76-78	112,865	65,193	58	44,308	39	20,885-	19-
77-79	106,350	65,211	61	69,740	66	4,529	4
78-80	133,188	92,330	69	82,745	62	9,585-	7 –
79-81	82,310	66,896	81	52,427	64	14,469-	18-
80-82	70 , 828	62,043	88	21,040	30	41,003-	58-
81-83	48,037	36,265	75	7,811	16	28,455-	59-
82-84	51 , 975	49,905	96	11,239	22	38,666-	74-
83-85	29,985	34,413	115	8,468	28	25,945-	87-
84-86	27,621	45,259	164	16,834	61	28,425-	103-
85-87	25,260	30,027	119	11,511	46	18,517-	73-
86-88	32,108	29,148	91	10,000	31	19,148-	60-
87-89	39,846	30,465	76	13,559	34	16,907-	42-
88-90	83,440	36,648	44	17,783	21	18,865-	23-
89-91	111,798	40,312	36	17,692	16	22,620-	20-
90-92	140,327	30,297	22	6,324	5	23,973-	17-
91-93	94,821	20,497	22	3,290	3	17,207-	18-
92-94	80,008	12,267	15	8,996	11	3,271-	4 -
93-95	50,340	21,338	42	10,799	21	10,539-	21-
94-96	65 , 943	63 , 511	96	15 , 178	23	48,333-	73-
95-97	107,092	64 , 782	60	12,216	11	52 , 566-	49-
96-98	123,226	90,707	74	8,969	7	81,738-	66-
97-99	100,596	47,218	47	3 , 551	4	43,667-	43-
98-00	33,558	39,077	116	32	0	39,046-	116-
99-01	9,632	737	8	2	0	735-	8 –
00-02	9,632	737	8	2	0	735-	8 –
01-03	4,814	4,896	102	2	0	4,894-	102-
02-04	1,565	4,159	266		0	4,159-	266-

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	1,565	4,159	266		0	4,159-	266-
04-06	62,435	18,978	30	4,168	7	14,810-	24-
05-07	62 , 865	21,506	34	4,168	7	17,339-	28-
06-08	75 , 922	8,331	11	6,827	9	1,504-	2-
07-09	28,388	115,606	407	3,013	11	112,594-	397-
08-10	82,354	140,239	170	28,264	34	111,975-	136-
09-11	124,523	129,501	104	25,604	21	103,897-	83-
10-12	198,265	91,080	46	28,584	14	62,496-	32-
11-13	239,510	240,145	100	11,092	5	229,053-	96-
12-14	320,682	361,155	113	14,042	4	347,112-	108-
13-15	260,253	479,986	184	20,809	8	459,177-	176-
14-16	290,993	634,446	218	14,187	5	620,259-	213-
15-17	235,020	583,293	248	11,241	5	572 , 053-	243-
16-18	238,944	437,407	183	1,185	0	436,222-	183-
17-19	177,777	169,943	96	238	0	169,705-	95-
FIVE-YEAR	R AVERAGE						
15-19	199,423	424,376	213	6,885	3	417,491-	209-

ACCOUNT 357 UNDERGROUND CONDUIT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
		11100111					
1975	441		0	6	1	6	1
1976 1977							
1978 1979							
1979							
1981							
1981							
1982							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006							
2007							
2008	22,040	1,211	5	506	2	705-	3-
2009							
2010							
2011							
2012	50,627	274,695	543	48,334	95	226,361-	447-
2013							
2014							
2015							
2016							

ACCOUNT 357 UNDERGROUND CONDUIT

		COST OF		GROSS		NET	
VEAD	REGULAR	REMOVAL	DCIII	SALVAGE	DOM	SALVAGE	ъсш
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2017							
2018							
2019	1,697	441	26		0	441-	26-
	E4 005	0.7.6.04.7	0.60	40.045	6.5	005 500	
TOTAL	74,805	276,347	369	48,847	65	227,500-	304-
THREE-VE	AR MOVING AVERAGES						
							-
75-77	147		0	2	1	2	1
76-78							
77-79							
78-80							
79-81 80-82							
81-83							
82-84							
83-85							
84-86							
85-87							
86-88							
87-89							
88-90							
89-91							
90-92							
91-93							
92-94							
93-95							
94-96							
95-97							
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06							
05-07 06-08	7 , 347	404	_	169	2	235-	3-
07-08	7,347 7,347	404	5	169		235-	3-
07-09	7,347 7,347	404	5 5	169	2	235-	3-
00-10	1,34/	404	5	109	_	235-	3-

ACCOUNT 357 UNDERGROUND CONDUIT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
09-11							
10-12	16,876	91,565	543	16,111	95	75 , 454-	447-
11-13	16,876	91,565	543	16,111	95	75,454-	447-
12-14	16,876	91,565	543	16,111	95	75 , 454-	447-
13-15							
14-16							
15-17							
16-18							
17-19	566	147	26		0	147-	26-
FIVE-YEAR	R AVERAGE						
15-19	339	88	26		0	88-	26-

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1975	5 , 979		0	85	1	85	1
1976							
1977	5,482	510	9	2,686	49	2,176	40
1978							
1979							
1980							
1981 1982							
1983							
1983							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997	101 016	400 504		4.5.5		100 100	
1998	131,846	189,594	144	155	0	189,439-	144-
1999							
2000 2001							
2001							
2002							
2003							
2005							
2006	20,825		0		0		0
2007	•						
2008	191,873	17,055	9	7,131	4	9,924-	5-
2009	916	2,801	306		0	2,801-	306-
2010							
2011	8,492	2,951	35		0	2,951-	35-
2012	85,111	320,141	376	56,018	66	264,123-	310-
2013							
2014							
2015							
2016							

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2017							
2018							
2019	60,519	17,149	28		0	17,149-	28-
TOTAL	511,043	550,201	108	66,075	13	484,127-	95-
		10					
	EAR MOVING AVERAGE						
75-77	3,820	170	4	924	24	754	20
76-78	1,827	170	9	895	49	725	40
77-79	1,827	170	9	895	49	725	40
78-80							
79-81							
80-82							
81-83							
82-84							
83-85							
84-86							
85-87							
86-88							
87-89							
88-90							
89-91							
90-92 91-93							
91-93							
92-94							
93-95							
95-97							
96-98	43,949	63,198	1 4 4	52	0	63,146-	1 4 4 –
97-99	43,949	63,198	144	52	0	63,146-	
98-00	43,949	63,198	144	52	0	63,146-	
99-01	10,7515	00/100		02	Ü	00,110	
00-02							
01-03							
02-04							
03-05							
04-06	6,942		0		0		0
05-07	6,942		0		0		0
06-08	70,899	5,685	8	2,377	3	3,308-	5-
07-09	64,263	6,619	10	2,377	4	4,242-	7 –
08-10	64,263	6,619	10	2,377	4	4,242-	7 –

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGES	5					
09-11	3,136	1,917	61		0	1,917-	61-
10-12	31,201	107,698	345	18,673	60	89,025-	285-
11-13	31,201	107,698	345	18,673	60	89,025-	285-
12-14	28,370	106,714	376	18,673	66	88,041-	310-
13-15							
14-16							
15-17							
16-18							
17-19	20,173	5,716	28		0	5,716-	28-
FIVE-YEA	R AVERAGE						
15-19	12,104	3,430	28		0	3,430-	28-

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1975	62,188	298	0	1,949	3	1,651	3
1976	89		0	30	34	30	34
1977	3,383	4,011	119	7,650	226	3,639	108
1978							
1979	15,209	15,022	99		0	15,022-	99-
1980							
1981							
1982	1,167	1,582	136		0	1,582-	136-
1983	10,896	2,037	19	1,691	16	346-	3-
1984	2,212	282	13		0	282-	13-
1985	5,912	1,531	26		0	1,531-	26-
1986	7,530	9,246	123	1,613	21	7,633-	101-
1987	13,280	693	5		0	693-	5 -
1988	1,142		0		0		0
1989	2,985	225	8		0	225-	8 –
1990							
1991	210	479	228		0	479-	228-
1992	2,274	36	2		0	36-	2-
1993	12,449	1,105	9		0	1,105-	9-
1994	39,323	651	2		0	651-	2-
1995	22,668	215	1	410	2	195	1
1996	45,010	1,988	4		0	1,988-	4 -
1997							
1998	11,183	11,342	101	2,677	24	8,665-	77-
1999							
2000	2,139		0		0		0
2001							
2002							
2003	1,426		0		0		0
2004							
2005							
2006	19,330	14,657	76		0	14,657-	76-
2007	391,030	2,486	1		0	2,486-	1 -
2008	2,951,209	3,915	0		0	3,915-	0
2009	40,036	5,592	14		0	5,592-	14-
2010	5,399	13,864	257		0	13,864-	257-
2011	14,411	13,564	94		0	13,564-	94-
2012	11,160	9,314	83		0	9,314-	83-
2013	13,609	7,161	53		0	7,161-	53-
2014	16,653		0		0		0
2015	81,049	11,333	14		0	11,333-	14-
2016	25 , 029	3,096	12	753	3	2,343-	9-

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
				71100111			
2017	22 , 760	17,539	77		0	17,539-	77-
2018	63	3,091			0	3,091-	
2019	354	2,913	822		0	2,913-	822-
TOTAL	3,854,768	159,268	4	16,773	0	142,495-	4 –
THREE-YE	EAR MOVING AVERAG	ES					
75-77	21,887	1,436	7	3,210	15	1,773	8
76-78	1,157		116	2,560	221	1,223	106
77-79	6,197		102	2,550	41	3,794-	
78-80	5 , 070	5 , 007	99	,	0	5,007-	
79-81	5 , 070	5 , 007	99		0	5,007-	
80-82	389		136		0		136-
81-83	4,021	1,206	30	564	14	643-	16-
82-84	4,758	1,300	27	564	12	737-	
83-85	6,340	1,283	20	564	9	720-	
84-86	5,218	3,686	71	538	10	3,149-	
85-87	8 , 907	3,823	43	538	6	3,286-	
86-88	7,317	3,313	45	538	7	2,775-	
87-89	5 , 802	306	5		0	306-	5-
88-90	1,376	75	5		0	75-	5-
89-91	1,065	235	22		0	235-	22-
90-92	828	172	21		0	172-	21-
91-93	4,978	540	11		0	540-	11-
92-94	18,015	597	3		0	597-	3-
93-95	24,813	657	3	137	1	520-	2-
94-96	35 , 667	951	3	137	0	815-	2-
95-97	22,559	734	3	137	1	598-	3-
96-98	18,731	4,443	24	892	5	3,551-	19-
97-99	3,728	3,781	101	892	24	2,888-	77-
98-00	4,441	3,781	85	892	20	2,888-	65-
99-01	713		0		0		0
00-02	713		0		0		0
01-03	475		0		0		0
02-04	475		0		0		0
03-05	475		0		0		0
04-06	6,443	4,886	76		0	4,886-	76-
05-07	136,787	5 , 714	4		0	5,714-	4 –
06-08	1,120,523	7,019	1		0	7,019-	1-
07-09	1,127,425	3,997	0		0	3,997-	0
08-10	998,882	7,790	1		0	7,790-	1-

ACCOUNT 361 STRUCTURES AND IMPROVMENTS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGES						
09-11	19,949	11,006	55		0	11,006-	55 -
10-12	10,323	12,247	119		0	12,247-	119-
11-13	13,060	10,013	77		0	10,013-	77-
12-14	13,807	5 , 492	40		0	5,492-	40-
13-15	37,104	6,165	17		0	6,165-	17-
14-16	40,910	4,810	12	251	1	4,559-	11-
15-17	42,946	10,656	25	251	1	10,405-	24-
16-18	15,951	7,909	50	251	2	7,658-	48-
17-19	7,726	7,848	102		0	7,848-	102-
FIVE-YEAR	R AVERAGE						
15-19	25,851	7 , 595	29	151	1	7,444-	29-

ACCOUNT 362 STATION EQUIPMENT

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	194,729	12,736	7	13,978	7	1,242	1
1973	42,514	5,623	13	9,696	23	4,073	10
1974	113,004	5,763	5	24,779	22	19,016	17
1975	318,921	10,989	3	33,190	10	22,201	7
1976	93,350	11,531	12	35,762	38	24,231	26
1977	63,267	29,362	46	50,366	80	21,004	33
1978	407,897	18,874	5	58,063	14	39,189	10
1979	350,793	62,820	18	12,692	4	50,128-	14-
1980	167,925	9,421-			21	45,249	27
1981	68,573	27,634	40	887	1	26,747-	39-
1982	232,965	77,618	33	139,316	60	61,698	26
1983	162,672	23,125	14	31,251	19	8,126	5
1984	90,385	6,843	8	2,582	3	4,261-	5-
1985	66,363	7,816	12	58	0	7,758-	12-
1986	360,887	99,226	27	3 , 855	1	95,371-	26-
1987	670,901	36,271	5	56,997	8	20,726	3
1988	201,228	52,621	26	00,00	0	52,621-	26-
1989	318,283	41,203	13	7,621	2	33,582-	11-
1990	29,520	10,413	35	11	0	10,402-	35-
1991	345,833	18,189	5		0	18,189-	5-
1992	260,448	438	0		0	438-	0
1993	88,961		0		0		0
1994	157,468	1,003	1	91	0	912-	1-
1995	644,342	6,119	1	11,640	2	5,521	1
1996	1,452,240	64,148	4	, -	0	64,148-	4 –
1997	171,306	85 , 952	50	33,538	20	52,414-	31-
1998	42,480	43,085	101	10,168	24	32,917-	77-
1999	•	,		•		•	
2000	37,760		0		0		0
2001	424,172	5,081	1		0	5,081-	1-
2002	857	255	30		0	255-	30-
2003	2,124	5,308	250		0	5,308-	250-
2004	261,151	67 , 251	26		0	67,251-	26-
2005	•	,				·	
2006	639,554	239,122	37		0	239,122-	37-
2007	1,258,626	72,772	6		0	72,772-	6-
2008	12,592,836	217,883	2	419	0	217,464-	2-
2009	894,286	486,883	54		0	486,883-	54-
2010	100,421	114,943	114		0	114,943-	114-
2011	517 , 602	226,623	44		0	226,623-	44-
2012	824,388	126,025	15	1,771	0	124,255-	15-
2013	1,574,062	334,507	21	559	0	333,949-	21-

ACCOUNT 362 STATION EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	323,005	218,574	68	2,748	1	215,826-	67-
2015	854,431	278,424	33	37,326	4	241,098-	28-
2016	595,619	140,161	24	9	0	140,152-	24-
2017	711,865	148,804	21	11,698	2	137,105-	19-
2018	439,733	156,584	36	1,151	0	155,433-	35-
2019	748,235	522,816	70	1,139	0	521,677-	70-
TOTAL	29,917,981	4,111,997	14	629,189	2	3,482,808-	12-
THREE-YE	AR MOVING AVERAGE	ΞS					
72-74	116,749	8,041	7	16,151	14	8,110	7
73-75	158,146	7,458	5	22,555	14	15,097	10
74-76	175,092	9,428	5	31,244	18	21,816	12
75-77	158,513	17,294	11	39,773	25	22,479	14
76-78	188,171	19,922	11	48,064	26	28,141	15
77-79	273,986	37,019	14	40,374	15	3,355	1
78-80	308,872	24,091	8	35,528	12	11,437	4
79-81	195,764	27,011	14	16,469	8	10,542-	5-
80-82	156,488	31,944	20	58,677	37	26,733	17
81-83	154,737	42,792	28	57 , 151	37	14,359	9
82-84	162,007	35,862	22	57 , 716	36	21,854	13
83-85	106,473	12,595	12	11,297	11	1,298-	1-
84-86	172,545	37 , 962	22	2,165	1	35 , 797-	21-
85-87	366,050	47,771	13	20,303	6	27,468-	8-
86-88	411,005	62 , 706	15	20,284	5	42,422-	10-
87-89	396,804	43,365	11	21,539	5	21,826-	6-
88-90	183,010	34,746	19	2,544	1	32,202-	18-
89-91	231,212	23,268	10	2,544	1	20,724-	9-
90-92	211,934	9,680	5	4	0	9,676-	5 -
91-93	231,747	6,209	3		0	6,209-	3-
92-94	168,959	480	0	30	0	450-	0
93-95	296,924	2,374	1	3,910	1	1,536	1
94-96	751 , 350	23 , 757	3	3,910	1	19,846-	3-
95-97	755 , 963	52 , 073	7	15,059	2	37,014-	5-
96-98	555,342	64,395	12	14,569	3	49,826-	9-
97-99	71,262	43,012	60	14,569	20	28,444-	40-
98-00	26,747	14,362	54	3,389	13	10,972-	41-
99-01	153 , 977	1,694	1		0	1,694-	1-
00-02	154,263	1,779	1		0	1,779-	1-
01-03	142,384	3,548	2		0	3,548-	2-
02-04	88,044	24,271	28		0	24,271-	28-

ACCOUNT 362 STATION EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	87 , 758	24,186	28		0	24,186-	28-
04-06	300,235	102,124	34		0	102,124-	34-
05-07	632,727	103,965	16		0	103,965-	16-
06-08	4,830,339	176,592	4	140	0	176,453-	4 -
07-09	4,915,249	259,179	5	140	0	259,040-	5-
08-10	4,529,181	273,236	6	140	0	273,097-	6-
09-11	504,103	276,150	55		0	276,150-	55-
10-12	480,804	155,864	32	590	0	155,273-	32-
11-13	972,017	229,052	24	776	0	228,275-	23-
12-14	907,151	226,369	25	1,693	0	224,676-	25-
13-15	917,166	277,169	30	13,544	1	263,624-	29-
14-16	591,018	212,386	36	13,361	2	199,025-	34-
15-17	720,639	189,130	26	16,345	2	172,785-	24-
16-18	582,406	148,516	26	4,286	1	144,230-	25-
17-19	633 , 278	276,068	44	4,663	1	271,405-	43-
FIVE-YEA	R AVERAGE						
15-19	669,977	249,358	37	10,265	2	239,093-	36-

ACCOUNT 364 POLES, TOWERS AND FIXTURES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL	D.O.	SALVAGE		SALVAGE	DOM
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	86 , 876	98,888	114	30,984	36	67 , 904-	78-
1973	112,681	117,281	104	85 , 526	76	31,755-	28-
1974	93,401	115,319	123	114,123	122	1,196-	1-
1975	97 , 706	129,585	133	43,943	45	85,642-	88-
1976	138,110	192,708	140	42,488	31	150,220-	109-
1977	102,019	125,384	123	46,733	46	78 , 651-	77-
1978	132,933	220,131	166	47,060	35	173,071-	130-
1979	138,467	258 , 902	187	37,323	27	221,579-	160-
1980	169,410	344,068	203	24,442	14	319,626-	189-
1981	155 , 231	346,621	223	41,343	27	305 , 278-	197-
1982	162,068	370 , 293	228	70,487	43	299,806-	185-
1983	178,082	325,544	183	70,702	40	254,842-	143-
1984	277 , 367	449,322	162	79 , 503	29	369,819-	133-
1985	244,216	449,184	184	84,511	35	364,673-	149-
1986	327,100	586 , 252	179	183,591	56	402,661-	123-
1987	205,456	403,590	196	170,413	83	233,177-	113-
1988	326,944	326,763	100	250,362	77	76,401-	23-
1989	251 , 258	218,569	87	168,106	67	50,463-	20-
1990	232 , 795	250,811	108	179,224	77	71,587-	31-
1991	230,349	222,671	97	165,771	72	56,900-	25-
1992	167 , 920	186,975	111	101,865	61	85,110-	51-
1993	176,283	180,183	102	63,356	36	116,827-	66-
1994	194,097	250,359	129	56,918	29	193,441-	100-
1995	165,819	229,279	138	13,724	8	215,555-	130-
1996	202,113	111,359	55	30,288	15	81,071-	40-
1997	270 , 517	135,729	50	52,961	20	82,768-	31-
1998	118,509	120,198	101	28,365	24	91,833-	77-
1999	10,018	70,733	706	59 , 952	598	10,781-	108-
2000	63,143	649,282		121,595	193	527 , 687-	
2001	239,428	111,588	47	10,685	4	100,903-	42-
2002	103,870	664 , 097	639	2,257	2	661,840-	637-
2003	91 , 959	742 , 602	808	502	1	742,101-	807-
2004	32,132	426,047		414	1	425,633-	
2005							
2006	57 , 426	290,070	505		0	290 , 070-	505-
2007	119,678	371,344	310	40,543	34	330,800-	276-
2008	10,376	48,685	469		0	48,685-	
2009	887,654	4,995,735	563	25,499	3	4,970,236-	560-
2010	1,151,012	2,155,538	187	10,659	1	2,144,879-	186-
2011	1,601,286	1,269,326	79	20,668	1	1,248,658-	78-
2012	1,171,919	2,211,010	189	16,631	1	2,194,379-	187-
2013	928,004	938,414	101	4,892	1	933,522-	101-

ACCOUNT 364 POLES, TOWERS AND FIXTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	1,350,739	3,139,620	232	213,141	16	2,926,478-	217-
2015	1,562,249	1,666,674	107	10,551	1	1,656,124-	106-
2016	1,437,599	1,563,117	109	18,343	1	1,544,774-	107-
2017	2,893,219	2,939,583	102	998	0	2,938,585-	102-
2018	3,645,162	2,463,055	68	70,307	2	2,392,748-	66-
2019	3,791,205	2,685,687	71	2,736	0	2,682,951-	
TOTAL	26,105,806	36,168,174	139	2,914,485	11	33,253,689-	127-
THREE-YE	CAR MOVING AVERAG	EES					
72-74	97,653	110,496	113	76,878	79	33,618-	34-
73-75	101,263	120,728	119	81,197	80	39,531-	
74-76	109,739	145,871	133	66,851	61	79,019-	
75-77	112,612	149,226	133	44,388	39	104,838-	
76-78	124,354	179,408	144	45,427	37	133,981-	
77-79	124,473	201,472	162	43,705	35	157,767-	
78-80	146,937	274,367	187	36,275	25	238,092-	
79-81	154,369	316,530	205	34,369	22	282,161-	
80-82	162,236	353,661	218	45,424	28	308,237-	
81-83	165,127	347,486	210	60,844	37	286,642-	
82-84	205,839	381,720	185	73,564	36	308,156-	
83-85	233,222	408,017	175	78,239	34		141-
84-86	282,894	494,919	175	115,868	41	379,051-	
85-87	258,924	479,675	185	146,172	56	333,504-	
86-88	286,500	438,868	153	201,455	70	237,413-	83-
87-89	261,219	316,307	121	196,294	75	120,014-	
88-90	270,332	265,381	98	199,231	74	66,150-	24-
89-91	238,134	230,684	97	171,034	72	59,650-	25-
90-92	210,355	220,152	105	148,953	71	71,199-	34-
91-93	191,517	196,610	103	110,331	58	86,279-	45-
92-94	179,433	205,839	115	74,046	41	131,793-	73-
93-95	178,733	219,940	123	44,666	25	175,274-	98-
94-96	187,343	196,999		33,643	18	163,356-	
95-97	212,816	158,789	75	32,324	15	126,465-	
96-98	197,046	122,429	62	37,205	19	85,224-	
97-99	133,015	108,887	82	47,093	35	61,794-	46-
98-00	63,890	280,071	438	69 , 971	110	210,100-	
99-01	104,196	277,201	266	64,077	61		205-
00-02	135,480	474,989	351	44,846	33		317-
01-03	145,086	506,096	349	4,481	3		346-
02-04	75,987	610,916	804	1,058	1	609,858-	803-

ACCOUNT 364 POLES, TOWERS AND FIXTURES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	41,364	389 , 550	942	305	1	389,245-	941-
04-06	29,853	238,706	800	138	0	238,568-	799-
05-07	59,035	220,471	373	13,514	23	206,957-	351-
06-08	62,493	236,700	379	13,514	22	223,185-	357-
07-09	339,236	1,805,254	532	22,014	6	1,783,240-	526-
08-10	683,014	2,399,986	351	12,053	2	2,387,933-	350-
09-11	1,213,317	2,806,866	231	18,942	2	2,787,924-	230-
10-12	1,308,072	1,878,625	144	15 , 986	1	1,862,639-	142-
11-13	1,233,736	1,472,917	119	14,064	1	1,458,853-	118-
12-14	1,150,221	2,096,348	182	78 , 221	7	2,018,127-	175-
13-15	1,280,331	1,914,903	150	76,194	6	1,838,708-	144-
14-16	1,450,196	2,123,137	146	80 , 678	6	2,042,459-	141-
15-17	1,964,356	2,056,458	105	9,964	1	2,046,494-	104-
16-18	2,658,660	2,321,918	87	29 , 883	1	2,292,035-	86-
17-19	3,443,196	2,696,108	78	24,680	1	2,671,428-	78-
FIVE-YEA	R AVERAGE						
15-19	2,665,887	2,263,623	85	20,587	1	2,243,036-	84-

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	301,704	147,110	49	216,547	72	69,437	23
1973	307,960	148,980	48	388,352	126	239,372	78
1974	274 , 179	154,786	56	226,615	83	71,829	26
1975	298,983	192,596	64	168,453	56	24,143-	8 –
1976	471,655	276,041	59	325,589	69	49,548	11
1977	336,851	166,049	49	181,566	54	15 , 517	5
1978	547,210	320,086	58	168,169	31	151,917-	28-
1979	452,863	305,648	67	227,306	50	78,342-	17-
1980	552 , 752	449,450	81	334,664	61	114,786-	21-
1981	527 , 829	40,730	8	86,062	16	45,332	9
1982	543 , 637	475,181	87	140,888	26	334,293-	61-
1983	665,940	715,609	107	158,787	24	556 , 822-	84-
1984	479 , 926	453,369	94	54 , 479	11	398,890-	83-
1985	335,524	681,921	203	118,626	35	563,295-	168-
1986	734,893	724,359	99	217,015	30	507,344-	69-
1987	201,036	394,908	196	166,747	83	228,161-	113-
1988	629,361	629,014	100	481,942	77	147,072-	23-
1989	612,376	532 , 708	87	409,717	67	122,991-	20-
1990	574 , 864	619,351	108	442,575	77	176,776-	31-
1991	806 , 506	779,626	97	580,404	72	199,222-	25-
1992	472,440	526,051	111	286,595	61	239,456-	51-
1993	534,481	530,708	99	185,260	35	345,448-	65-
1994	280,298	365 , 627	130	83,123	30	282,504-	101-
1995	348,063	481,270	138	28,807	8	452,463-	130-
1996	388,888	214,268	55	58 , 277	15	155,991-	40-
1997	397 , 305	199,344	50	77,784	20	121,560-	31-
1998	236,765	240,139	101	56 , 670	24	183,469-	77-
1999	20,082	141,791	706	120,179	598	21,612-	108-
2000	85,859	694,247	809	173,188	202	521,059-	607-
2001	415,337	231,781	56	1,489-	0	233,270-	56-
2002	321,801	240,218	75	2,980-	1-	243,198-	76-
2003	1,357,459	283,055	21	73	0	282,982-	21-
2004	37,393	516,936		39	0	516,898-	
2005							
2006	95,400	434,964	456		0	434,964-	456-
2007	630,024	1,289,244	205	49,018	8	1,240,226-	
2008	171 , 790	74,845	44	156 , 808	91	81,963	48
2009	2,369,625	7,272,331	307	155,094	7	7,117,236-	300-
2010	2,089,940	2,163,477	104	31,712	2	2,131,765-	102-
2011	185,026	966,849	523	60,170	33	906,679-	490-
2012	2,359,917	2,467,708	105	16,968	1	2,450,740-	104-
2013	1,851,319	1,671,495	90	5,945	0	1,665,550-	90-
2010	-,,	-, -, -, 100	20	0,010	O	±,000,000	20

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	1,732,260	1,718,155	99	59 , 995	3	1,658,160-	96-
2015	2,583,878	2,543,871	98	235,092	9	2,308,779-	89-
2016	2,273,790	2,222,975	98	42,438	2	2,180,537-	96-
2017	2,802,230	1,484,593	53	95 , 894	3	1,388,699-	50 -
2018	3,182,007	3,500,956	110	210,146	7	3,290,809-	103-
2019	3,985,975	1,978,983	50	12,288	0	1,966,694-	49-
TOTAL	40,865,402	42,663,402	104	7,291,596	18	35,371,806-	87-
THREE-YE	CAR MOVING AVERAG	GES					
72-74	294,614	150,292	51	277,171	94	126,879	43
73-75	293,707	165,454	56	261,140	89	95,686	33
74-76	348,272	207,808	60	240,219	69	32,411	9
75-77	369,163	211,562	57	225,203	61	13,641	4
76-78	451,905	254,059	56	225,108	50	28,951-	6-
77-79	445,641	263,928	59	192,347	43	71,581-	16-
78-80	517,608	358,395	69	243,380	47	115,015-	22-
79-81	511,148	265,276	52	216,011	42	49,265-	10-
80-82	541,406	321,787	59	187,205	35	134,582-	25-
81-83	579,135	410,507	71	128,579	22	281,928-	49-
82-84	563,168	548,053	97	118,051	21	430,002-	76-
83-85	493,797	616,966	125	110,631	22	506,336-	103-
84-86	516,781	619,883	120	130,040	25	489,843-	95-
85-87	423,818	600,396	142	167,463	40	432,933-	102-
86-88	521,763	582,760	112	288,568	55	294,192-	56-
87-89	480,924	518,877	108	352,802	73	166,075-	35-
88-90	605 , 534	593 , 691	98	444,745	73	148,946-	25-
89-91	664,582	643 , 895	97	477,565	72	166,330-	25-
90-92	617 , 937	641,676	104	436,525	71	205,151-	33-
91-93	604,476	612,128	101	350 , 753	58	261,375-	43-
92-94	429,073	474,129	111	184,993	43	289,136-	67-
93-95	387,614	459,202	118	99,063	26	360,138-	93-
94-96	339,083	353 , 722	104	56 , 736	17	296,986-	88-
95-97	378 , 085	298,294	79	54,956	15	243,338-	64-
96-98	340,986	217,917	64	64,244	19	153 , 673-	45-
97-99	218,051	193 , 758	89	84,878	39	108,880-	50-
98-00	114,235	358 , 726	314	116,679	102	242,047-	212-
99-01	173 , 759	355 , 940	205	97 , 293	56	258,647-	149-
00-02	274,332	388,749	142	56,240	21	332,509-	121-
01-03	698,199	251,685	36	1,465-	0	253,150-	36-
02-04	572,218	346,736	61	956-	0	347,692-	61-

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGE	ES					
03-05	464,951	266,664	57	37	0	266,626-	57 -
04-06	44,264	317,300	717	13	0	317,287-	717-
05-07	241,808	574,736	238	16,339	7	558 , 397-	231-
06-08	299,072	599,684	201	68,609	23	531,076-	178-
07-09	1,057,147	2,878,806	272	120,307	11	2,758,500-	261-
08-10	1,543,785	3,170,217	205	114,538	7	3,055,679-	198-
09-11	1,548,197	3,467,552	224	82,325	5	3,385,227-	219-
10-12	1,544,961	1,866,011	121	36,283	2	1,829,728-	118-
11-13	1,465,421	1,702,017	116	27,694	2	1,674,323-	114-
12-14	1,981,165	1,952,453	99	27,636	1	1,924,817-	97-
13-15	2,055,819	1,977,840	96	100,344	5	1,877,497-	91-
14-16	2,196,643	2,161,667	98	112,508	5	2,049,159-	93-
15-17	2,553,299	2,083,813	82	124,475	5	1,959,338-	77-
16-18	2,752,676	2,402,841	87	116,159	4	2,286,682-	83-
17-19	3,323,404	2,321,510	70	106,110	3	2,215,401-	67-
FIVE-YEA	R AVERAGE						
15-19	2,965,576	2,346,275	79	119,172	4	2,227,104-	75-

ACCOUNT 366 UNDERGROUND CONDUIT

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	5,189	852	16	643	12	209-	4 –
1973	22,232	1,779	8	3,224	15	1,445	6
1974	29,511	4,274	14	11,275	38	7,001	24
1975	4,380	2,836	65	1,156	26	1,680-	38-
1976	6,178	2,084	34	15,472	250	13,388	217
1977	11,937	8,531	71	6,894	58	1,637-	14-
1978	15,259	6,678	44	4,148	27	2,530-	17-
1979	9,259	3,465	37	8,279	89	4,814	52
1980	72,242	27,304	38	40,688	56	13,384	19
1981	10,030	3,751	37	13,322	133	9,571	95
1982	35,125	9,965	28	5,008	14	4,957-	14-
1983	17,862	17,007	95	3,869	22	13,138-	74-
1984	6,502	6,392	98	1,435	22	4,957-	76-
1985	12,231	5,830	48	4,181	34	1,649-	13-
1986	31,146	12,004	39	4,822	15	7,182-	23-
1987	22,046	12,871	58	6,568	30	6,303-	29-
1988	17,311	10,990	63	2,462	14	8,528-	49-
1989	27,180	4,722	17	6,004	22	1,282	5
1990	56 , 366	16,528	29	32,419	58	15 , 891	28
1991	17 , 777	10,111	57	728	4	9,383-	53 -
1992	17,070	3,150	18	896	5	2,254-	13-
1993	2,544	2,826	111	59	2	2,767-	
1994	1,717	381	22	52	3	329-	19-
1995	18,148	25,093	138	1,502	8	23,591-	130-
1996	16,344	9,005	55	2,450	15	6,555-	40-
1997	1,108	556	50	217	20	339-	31-
1998	1,075	1,090	101	257	24	833-	77-
1999							
2000	216	183	85	104	48	79-	37-
2001	14,706	2,914	20	511	3	2,403-	16-
2002	41,863	6,954	17		0	6,954-	17-
2003							
2004	1,532	21,408			0	21,408-	
2005							
2006							
2007	2,190	16,257	742		0	16,257-	742-
2008		65				65-	
2009	9,720	42,333	436	611	6	41,722-	429-
2010	133,388	483,416	362	10,169	8	473,246-	355-
2011	9,214	81,226	882	11,342	123	69,884-	
2012	169,432	152,537	90	3,255	2	149,282-	88-
2013	13,099	3,060	23		0	3,060-	23-

ACCOUNT 366 UNDERGROUND CONDUIT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	3,121	8,190	262		0	8,190-	262-
2015	144,362	150	0	2,817	2	2,667	2
2016	188,473	31,787	17	1,153	1	30,634-	16-
2017	408,132	245,868	60	18,724	5	227,144-	56 -
2018	163,819	83 , 270	51	434	0	82,836-	51-
2019	49,973	59,108	118		0	59,108-	118-
TOTAL	1,841,008	1,448,800	79	227,150	12	1,221,650-	66-
THREE-YE	AR MOVING AVERAG	ES					
72-74	18,977	2,302	12	5,047	27	2,746	14
73-75	18,708	2,963	16	5,218	28	2,255	12
74-76	13,356	3,065	23	9,301	70	6,236	47
75-77	7,498	4,484	60	7,841	105	3 , 357	45
76-78	11,125	5,764	52	8,838	79	3,074	28
77-79	12,152	6,225	51	6,440	53	216	2
78-80	32,253	12,482	39	17,705	55	5,223	16
79-81	30,510	11,507	38	20,763	68	9,256	30
80-82	39,132	13,673	35	19,673	50	5 , 999	15
81-83	21,006	10,241	49	7,400	35	2,841-	14-
82-84	19,830	11,121	56	3,437	17	7,684-	39-
83-85	12,198	9,743	80	3,162	26	6,581-	54-
84-86	16,626	8 , 075	49	3,479	21	4,596-	28-
85-87	21,808	10,235	47	5,190	24	5,045-	23-
86-88	23,501	11,955	51	4,617	20	7,338-	31-
87-89	22,179	9,528	43	5,011	23	4,516-	
88-90	33,619	10,747	32	13,628	41	2,882	9
89-91	33,774	10,454	31	13,050	39	2 , 597	8
90-92	30,404	9,930	33	11,348	37	1,418	5
91-93	12,464	5 , 362	43	561	5	4,801-	39-
92-94	7,110	2,119	30	336	5	1,783-	25-
93-95	7,470	9,433	126	538	7	8,896-	119-
94-96	12,070	11,493	95	1,335	11	10,158-	84-
95-97	11,867	11,551	97	1,390	12	10,162-	86-
96-98	6,176	3 , 550	57	975	16	2 , 576-	42-
97-99	728	549	75	158	22	391-	54 -
98-00	430	424	99	120	28	304-	71-
99-01	4,974	1,032	21	205	4	827-	17-
00-02	18,928	3,350	18	205	1	3,145-	17-
01-03	18,856	3,289	17	170	1	3,119-	17-
02-04	14,465	9,454	65		0	9,454-	65-

ACCOUNT 366 UNDERGROUND CONDUIT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	IS					
03-05	510	7,136			0	7,136-	
04-06	510	7,136			0	7,136-	
05-07	730	5,419	742		0	5,419-	742-
06-08	730	5,441	745		0	5,441-	745-
07-09	3 , 970	19,552	492	204	5	19,348-	487-
08-10	47,702	175,271	367	3,594	8	171,678-	360-
09-11	50,774	202,325	398	7,374	15	194,951-	384-
10-12	104,011	239,059	230	8,255	8	230,804-	222-
11-13	63,915	78,941	124	4,865	8	74,075-	116-
12-14	61,884	54 , 595	88	1,085	2	53,511-	86-
13-15	53,527	3,800	7	939	2	2,861-	5 -
14-16	111,985	13,376	12	1,323	1	12,052-	11-
15-17	246,989	92,602	37	7,565	3	85,037-	34-
16-18	253,474	120,308	47	6 , 770	3	113,538-	45-
17-19	207,308	129,415	62	6,386	3	123,030-	59-
FIVE-YEA	R AVERAGE						
15-19	190,952	84,037	44	4,626	2	79,411-	42-

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	180,805	22,921	13	444,619	246	421,698	233
1973	62,213	14,490	23	31,624	51	17,134	28
1974	130,232	48,850	38	113,588	87	64,738	50
1975	100,997	21,957	22	78,922	78	56,965	56
1976	88,600	31,098	35	74,432	84	43,334	49
1977	106,792	25 , 685	24	58,286	55	32,601	31
1978	87 , 661	23,850	27	29,448	34	5 , 598	6
1979	106,182	39 , 075	37	63,031	59	23,956	23
1980	245,023	82,494	34	186,304	76	103,810	42
1981	77,333	49,748	64	54,571	71	4,823	6
1982	143,403	45,640	32	40,631	28	5,009-	3-
1983	207,947	37,671	18	190,922	92	153,251	74
1984	101,471	47,206	47	44,424	44	2,782-	3-
1985	91,883	44,719	49	39,025	42	5,694-	6-
1986	200,003	98,283	49	77,305	39	20,978-	10-
1987	156,282	34,936	22	71,337	46	36,401	23
1988	142,346	35 , 775	25	107,914	76	72,139	51
1989	185,975	87,581	47	117,400	63	29,819	16
1990	192,163	68,680	36	117,904	61	49,224	26
1991	202,959	132,937	65	45,929	23	87,008-	43-
1992	113,814	38,151	34	11,199	10	26,952-	24-
1993	73,068	76 , 597	105	10,762	15	65,835-	90-
1994	102,703	65,828	64	28,919	28	36,909-	36-
1995	214,389	296,437	138	17,744	8	278,693-	130-
1996	408,232	224,926	55	61,176	15	163,750-	40-
1997	232,609	116,709	50	45,540	20	71,169-	31-
1998	21,926	22,238	101	5,248	24	16,990-	77-
1999	3,140	22,170	706	18,791	598	3,379-	108-
2000	24,745	27,465	111	12,836	52	14,629-	59 -
2001	41,770	52 , 579	126	116	0	52,463-	126-
2002	286,355	68 , 961	24	1,674	1	67 , 287-	23-
2003	52 , 468	27 , 632	53		0	27,632-	53 -
2004	17 , 852	146,249	819		0	146,249-	819-
2005							
2006	5 , 805	7,816	135		0	7,816-	
2007	121,047	132,334	109		0	132,334-	
2008	1,414	6,663	471		0	6,663-	
2009	158,363	1,474,791	931	54,750	35	1,420,041-	
2010	1,179,733	449,799	38	7,786	1	442,013-	37-
2011	299,028	350,205	117	100,654	34	249,552-	83-
2012	614,279	879,158	143	24,417	4	854,741-	
2013	322,300	89,594	28		0	89,594-	28-

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	621,293	923,711	149	88,411	14	835,300-	134-
2015	282,084	250,420	89	68,829	24	181,591-	64-
2016	1,261,866	1,196,949	95	67,519	5	1,129,430-	90-
2017	1,580,439	1,130,252	72	179,669	11	950,583-	60-
2018	2,116,318	440,018	21	39,159	2	400,859-	19-
2019	594,580	848,849	143	58,244	10	790,605-	133-
TOTAL	13,561,892	10,360,098	76	2,891,059	21	7,469,039-	55-
THREE-YE	AR MOVING AVERAG	GES					
72-74	124,417	28,754	23	196,610	158	167,857	135
73-75	97,814	28,432	29	74,711	76	46,279	47
74-76	106,610	33,968	32	88,981	83	55,012	52
75-77	98 , 796	26,247	27	70,547	71	44,300	45
76-78	94,351	26 , 878	28	54,055	57	27 , 178	29
77-79	100,212	29 , 537	29	50,255	50	20,718	21
78-80	146,289	48,473	33	92,928	64	44,455	30
79-81	142,846	57 , 106	40	101,302	71	44,196	31
80-82	155,253	59,294	38	93,835	60	34,541	22
81-83	142,894	44,353	31	95,375	67	51,022	36
82-84	150,940	43,506	29	91,992	61	48,487	32
83-85	133,767	43,199	32	91,457	68	48,258	36
84-86	131,119	63,403	48	53 , 585	41	9,818-	7 –
85-87	149,389	59 , 313	40	62,556	42	3,243	2
86-88	166,210	56 , 331	34	85,519	51	29,187	18
87-89	161,534	52 , 764	33	98,884	61	46,120	29
88-90	173,495	64,012	37	114,406	66	50,394	29
89-91	193,699	96,399	50	93,744	48	2,655-	1-
90-92	169,645	79 , 923	47	58,344	34	21,579-	13-
91-93	129,947	82,562	64	22,630	17	59 , 932-	46-
92-94	96,528	60,192	62	16,960	18	43,232-	45-
93-95	130,053	146,287	112	19,142	15	127,146-	98-
94-96	241,775	195,730	81	35,946	15	159,784-	66-
95-97	285,077	212,691	75	41,487	15	171,204-	60-
96-98	220,922	121,291	55	37,321	17	83,970-	38-
97-99	85,892	53,706	63	23,193	27	30,513-	36-
98-00	16,604	23,958	144	12,292	74	11,666-	70-
99-01	23,218	34,071	147	10,581	46	23,490-	101-
00-02	117,623	49,668	42	4,875	4	44,793-	38-
01-03	126,864	49,724	39	597	0	49,127-	39-
02-04	118,892	80,947	68	558	0	80,389-	68-

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGE	S					
03-05	23,440	57 , 960	247		0	57 , 960-	247-
04-06	7,886	51,355	651		0	51,355-	651-
05-07	42,284	46,717	110		0	46,717-	110-
06-08	42,756	48,938	114		0	48,938-	114-
07-09	93,608	537,930	575	18,250	19	519,679-	555 -
08-10	446,504	643 , 751	144	20,845	5	622 , 906-	140-
09-11	545,708	758 , 265	139	54 , 397	10	703,868-	129-
10-12	697 , 680	559 , 721	80	44,285	6	515,435-	74-
11-13	411,869	439,652	107	41,690	10	397 , 962-	97-
12-14	519,291	630,821	121	37,609	7	593,211-	114-
13-15	408,559	421,242	103	52,413	13	368,828-	90-
14-16	721,748	790,360	110	74,920	10	715,440-	99-
15-17	1,041,463	859 , 207	83	105,339	10	753 , 868-	72-
16-18	1,652,874	922,406	56	95,449	6	826 , 957-	50-
17-19	1,430,446	806,373	56	92,357	6	714,016-	50-
FIVE-YEAR	R AVERAGE						
15-19	1,167,057	773 , 298	66	82,684	7	690,614-	59-

ACCOUNT 368 LINE TRANSFORMERS

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	169,152	8	0	10,736	6	10,728	6
1973	240,023		0	40,615	17	40,615	17
1974	149,627	104	0	178,736	119	178 , 632	119
1975	135,551	305	0	21,643	16	21,338	16
1976	230,831	615	0	26,363	11	25,748	11
1977	151,983	13	0	2,377	2	2,364	2
1978	193,092	16	0	42,390	22	42,374	22
1979	253,924	111	0	118,770	47	118,659	47
1980	212,513	2,329-	- 1-	32,463	15	34,792	16
1981	201,233	56-	- 0	32,991	16	33,047	16
1982	203,899	73,305	36	26,415	13	46,890-	23-
1983	110,374	10,113	9	27,329	25	17,216	16
1984	141,058	215,371	153	37,136	26	178,235-	126-
1985	572,242	17,010	3	24,176	4	7,166	1
1986	955 , 707	466,501	49	55 , 334	6	411,167-	43-
1987	662,152	14,562	2	41,628	6	27,066	4
1988	570,247	37,991	7	3,283	1	34,708-	6-
1989	276,028	370,908	134	5,345	2	365,563-	132-
1990	170 , 575	15 , 313-	- 9-	8,859	5	24,172	14
1991	221,603	15,120	7	53 , 920	24	38,800	18
1992	432,054	10,061	2	78,434	18	68 , 373	16
1993	482,224	69 , 073	14	107,697	22	38,624	8
1994	2,774,303	74,767	3	350,156	13	275 , 389	10
1995	762,161-	1,053,427	138-	63,080	8 –	990,347-	130
1996	395,687	218,015	55	59 , 297	15	158,718-	40-
1997	398,770	200,079	50	78,070	20	122,009-	31-
1998	160,617	162,906	101	38,444	24	124,462-	77-
1999							
2000	361,539	36,895	10	359,601	99	322,706	89
2001							
2002	837,394	240,244	29	229,205	27	11,039-	1-
2003	327,313	493,888	151	168,491	51	325 , 397-	99-
2004							
2005							
2006	991,937	642,503	65	40,523	4	601,980-	61-
2007							
2008	29,983	620 , 637		488,930		131,707-	439-
2009	528,348	692,178	131	125,154	24	567,024-	107-
2010	190,083	240,110	126	125,183	66	114,927-	60-
2011	89,118	240,211	270	203,668	229	36,543-	41-
2012	414,815	245,951	59	226,939	55	19,012-	5-
2013	1,357,714	81,824	6	146,907	11	65 , 082	5

ACCOUNT 368 LINE TRANSFORMERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL	DCIII	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE	рсш
ILAK	VEIIVEMENI2	AMOUNT	PCT	AMOUNT		AMOUNT	PCT
2014	895,124	198,281	22	294,942	33	96,661	11
2015	260,203	458,476	176	250,062	96	208,415-	80-
2016	334,283	242,248	72	27,688	8	214,560-	64-
2017	2,952,154	238,186	8	255,446	9	17,259	1
2018	306,874	245,814	80	181,466	59	64,348-	21-
2019	2,911,199	144,080	5	236,084	8	92,004	3
TOTAL	22,491,388	8,054,210	36	4,925,975	22	3,128,235-	14-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	186,267	37	0	76 , 696	41	76,658	41
73-75	175,067	136	0	80,331	46	80,195	46
74-76	172,003	341	0	75,581	44	75,239	44
75-77	172 , 788	311	0	16,794	10	16,483	10
76-78	191,969	215	0	23,710	12	23,495	12
77-79	199,666	47	0	54,512	27	54,466	27
78-80	219,843	734-		64,541	29	65 , 275	30
79-81	222,557	758-		61,408	28	62,166	28
80-82	205,882	23,640	11	30,623	15	6,983	3
81-83	171 , 835	27 , 787	16	28,912	17	1,124	1
82-84	151 , 777	99,596	66	30,293	20	69,303-	46-
83-85	274,558	80,831	29	29,547	11	51,284-	19-
84-86	556,336	232,961	42	38,882	7	194,079-	35-
85-87	730,034	166,024	23	40,379	6	125,645-	17-
86-88	729,369	173,018	24	33,415	5	139,603-	19-
87-89	502,809	141,154	28	16,752	3	124,402-	25-
88-90	338,950	131,195	39	5,829	2	125,366-	37-
89-91	222,735	123,572	55	22,708	10	100,864-	45-
90-92	274,744	3,289	1	47,071	17	43,782	16
91-93	378 , 627	31,418	8	80,017	21	48,599	13
92-94	1,229,527	51,300	4	178,762	15	127,462	10
93-95	831,455	399,089	48	173,644	21	225,445-	27-
94-96	802,610	448,736	56	157,511	20	291,225-	36-
95-97	10,765	490,507		66,816	621	423,691-	
96-98	318,358	193,667	61	58,604	18	135,063-	42-
97-99	186,462	120,995	65	38,838	21	82,157-	44-
98-00	174,052	66,600	38	132,682	76	66,081	38
99-01	120,513	12,298	10	119,867	99	107,569	89
00-02	399,644	92,380	23	196,269	49	103,889	26
01-03	388,236	244,711	63	132,565	34	112,145-	29-
02-04	388,236	244,711	63	132,565	34	112,145-	29-

ACCOUNT 368 LINE TRANSFORMERS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	IS					
03-05	109,104	164,629	151	56,164	51	108,466-	99-
04-06	330,646	214,168	65	13,508	4	200,660-	61-
05-07	330,646	214,168	65	13,508	4	200,660-	61-
06-08	340,640	421,047	124	176,484	52	244,562-	72-
07-09	186,110	437,605	235	204,695	110	232,910-	125-
08-10	249,471	517,642	207	246,422	99	271,220-	109-
09-11	269,183	390,833	145	151,335	56	239,498-	89-
10-12	231,338	242,091	105	185,263	80	56,827-	25-
11-13	620,549	189,329	31	192,505	31	3,176	1
12-14	889 , 217	175,352	20	222,929	25	47 , 577	5
13-15	837 , 680	246,194	29	230,637	28	15 , 557-	2-
14-16	496,536	299,668	60	190,897	38	108,771-	22-
15-17	1,182,213	312,970	26	177,732	15	135,238-	11-
16-18	1,197,770	242,083	20	154 , 867	13	87,216-	7 –
17-19	2,056,742	209,360	10	224,332	11	14,972	1
FIVE-YEAR	R AVERAGE						
15-19	1,352,942	265,761	20	190,149	14	75,612-	6-

ACCOUNT 369.1 SERVICES - UNDERGROUND

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	5,982	1,978	33	2,027	34	49	1
1973	6,858	5,102	74	3,340	49	1,762-	26-
1974	23,595	8,751	37	14,536	62	5 , 785	25
1975	5 , 375	3 , 278	61	4,677	87	1,399	26
1976	8 , 079	3 , 790	47	4,815	60	1,025	13
1977	8,378	2,714	32	3,482	42	768	9
1978	5 , 289	3,695	70	2,311	44	1,384-	26-
1979	1,559	4,312	277	1,321	85	2,991-	192-
1980	18,627	10,258	55	8,669	47	1,589-	9 –
1981	4,035	5,525	137	1,715-	43-	7,240-	179-
1982	17,760	15,258	86	3,779	21	11,479-	65-
1983	18,906	13,403	71	18,943	100	5,540	29
1984	19,841	9,953	50	5,857	30	4,096-	21-
1985	5,200	7,765	149	4,044	78	3,721-	72-
1986	3,660	6,477	177	1,856	51	4,621-	126-
1987	11,475	5,913	52	5,439	47	474-	4 -
1988	2,136	2,155	101	63	3	2,092-	98-
1989	12,193	11,112	91	5,341	44	5,771-	47-
1990	11,156	6,640	60	1,556	14	5,084-	46-
1991	1,172	2,750	235	49	4	2,701-	
1992	6,267	16,177	258	1,499	24	14,678-	234-
1993	87 , 670	32,803	37	1,404	2	31,399-	36-
1994	3,677	16,746	455	231	6	16,515-	449-
1995	2,923	4,042	138	242	8	3,800-	130-
1996							
1997	2,975	1,493	50	582	20	911-	31-
1998	2,780	2,820	101	665	24	2,155-	78-
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006	689	223	32		0	223-	32-
2007	2,362	215,321			0	215,321-	
2008							
2009	1,606	230,558			0	230,558-	
2010	22,544	160,033	710		0	160,033-	710-
2011	4,230	145,587			0	145,587-	
2012	125,015	717,460	574	3 , 976	3	713,483-	
2013	11,529	25,930	225		0	25,930-	225-

ACCOUNT 369.1 SERVICES - UNDERGROUND

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	344	808	235		0	808-	235-
2015	4		0		0		0
2016	26,404	199,097	754		0	199,097-	754-
2017	37,303	244,530	656		0	244,530-	656-
2018	53,965	306,976	569		0	306,976-	569-
2019	8,371	134,234			0	134,234-	
TOTAL	591,934	2,585,667	437	98,989	17	2,486,678-	420-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	12,145	5,277	43	6,634	55	1,357	11
73-75	11,943	5 , 710	48	7,518	63	1,807	15
74-76	12,350	5,273	43	8,009	65	2,736	22
75-77	7,277	3,261	45	4,325	59	1,064	15
76-78	7,249	3,400	47	3,536	49	136	2
77-79	5 , 075	3 , 574	70	2,371	47	1,202-	24-
78-80	8,492	6,088	72	4,100	48	1,988-	23-
79-81	8,074	6,698	83	2,758	34	3,940-	49-
80-82	13,474	10,347	77	3 , 578	27	6 , 769-	50 -
81-83	13,567	11,395	84	7,002	52	4,393-	32-
82-84	18,836	12,871	68	9,526	51	3,345-	18-
83-85	14,649	10,374	71	9,615	66	759-	5 –
84-86	9,567	8,065	84	3,919	41	4,146-	43-
85-87	6 , 778	6,718	99	3,780	56	2,939-	43-
86-88	5 , 757	4,848	84	2,453	43	2,396-	
87-89	8,601	6,393	74	3,614	42	2,779-	
88-90	8,495	6,636	78	2,320	27	4,316-	
89-91	8,174	6,834	84	2,315	28	4,519-	
90-92	6,198		137	1,035	17	7,488-	
91-93	31,703	17,243	54	984	3	16,259-	
92-94	32,538	21,909	67	1,045	3	20,864-	
93-95	31,423	17,864		626		17,238-	
94-96	2,200	6,929	315	158	7	6,772-	
95-97	1,966	1,845	94	275	14	1,570-	80-
96-98	1,918	1,438	75	416	22	1,022-	53-
97-99	1,918	1,438	75	416	22	1,022-	53-
98-00	927	940	101	222	24	718-	78-
99-01							
00-02							
01-03							
02-04							

ACCOUNT 369.1 SERVICES - UNDERGROUND

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YEA	AR MOVING AVERAGE	S					
03-05							
04-06	230	74	32		0	74-	32-
05-07	1,017	71,848			0	71,848-	
06-08	1,017	71,848			0	71,848-	
07-09	1,323	148,626			0	148,626-	
08-10	8,050	130,197			0	130,197-	
09-11	9,460	178,726			0	178,726-	
10-12	50,596	341,027	674	1,325	3	339,701-	671-
11-13	46,925	296,326	631	1,325	3	295,000-	629-
12-14	45,630	248,066	544	1,325	3	246,740-	541-
13-15	3 , 959	8,913	225		0	8,913-	225-
14-16	8,917	66,635	747		0	66,635-	747-
15-17	21,237	147,875	696		0	147,875-	696-
16-18	39,224	250,201	638		0	250,201-	638-
17-19	33,213	228,580	688		0	228,580-	688-
FIVE-YEAR	R AVERAGE						
15-19	25 , 209	176 , 967	702		0	176,967-	702-

ACCOUNT 369.2 SERVICES - OVERHEAD

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	81,834	63,630	78	15,377	19	48,253-	59 -
1973	157 , 853	72 , 086	46	40,436	26	31,650-	20-
1974	27,641	82,033	297	37 , 459	136	44,574-	161-
1975	109,041	92,198	85	21,797	20	70,401-	65-
1976	103,025	108,065	105	37,704	37	70,361-	68-
1977	100,894	115,708	115	34,652	34	81,056-	80-
1978	100,428	130,957	130	27,047	27	103,910-	103-
1979	93,855	133,559	142	42,378	45	91,181-	97-
1980	93,701	138,530	148	41,452	44	97,078-	104-
1981	84,721	150,614	178	32,097	38	118,517-	140-
1982	100,354	187,119	186	20,863-	21-	207,982-	207-
1983	106,374	202,985	191	3,557	3	199,428-	187-
1984	93,083	184,688	198	36,277	39	148,411-	159-
1985	79 , 987	184,000	230	22,953	29	161,047-	201-
1986	96 , 670	192,980	200	52,014	54	140,966-	146-
1987	79 , 882	156,918	196	66,257	83	90,661-	113-
1988	75 , 797	75 , 755	100	58,043	77	17,712-	23-
1989	66,533	57 , 894	87	44,536	67	13,358-	20-
1990	64,751	69,762	108	49,851	77	19,911-	31-
1991	48,468	46,852	97	34,880	72	11,972-	25-
1992	26,611	29,630	111	16,143	61	13,487-	51-
1993	31,909	32,615	102	11,468	36	21,147-	66-
1994	14,263	18,631	131	4,236	30	14,395-	101-
1995	11,188	15,470	138	926	8	14,544-	130-
1996	11,661	6,425	55	1,748	15	4,677-	40-
1997	6 , 788	3,406	50	1,329	20	2,077-	31-
1998	5 , 559	5,638	101	1,331	24	4,307-	77-
1999							
2000							
2001	2,294	7,648	333		0	7,648-	333-
2002	41,513	171,349	413		0	171,349-	
2003	94,957	161,654	170		0	161,654-	170-
2004							
2005							
2006	18	5,617			0	5,617-	
2007							
2008							
2009							
2010	63,114	127,294	202		0	127,294-	202-
2011	47,315	69,896	148		0	69,896-	148-
2012	60,108	318,944	531		0	318,944-	531-
2013	6,209		0		0		0

ACCOUNT 369.2 SERVICES - OVERHEAD

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014							
2014							
2016	112,759	135,825	120		0	135,825-	120-
2017	41,292	168,627	408		0	168,627-	
2018	16,867	127,208	754		0	127,208-	
2019	24,067	137,820	573		0	137,820-	
2019	21,007	137,020	0 7 0		Ü	137,020	0 / 0
TOTAL	2,383,383	3,990,030	167	715,085	30	3,274,945-	137-
THREE-YE	AR MOVING AVERAG	ES					
72-74	89,109	72,583	81	31,091	35	41,492-	47-
73-75	98,178	82,106	84	33,231	34	48,875-	
74-76	79,902	94,099	118	32,320	40	61,779-	
75-77	104,320	105,324	101	31,384	30	73,939-	
76-78	101,449	118,243	117	33,134	33	85,109-	
77-79	98,392	126,741	129	34,692	35	92,049-	
78-80	95 , 995	134,349	140	36 , 959	39	97,390-	
79-81	90,759	140,901	155	38,642	43	102,259-	
80-82	92 , 925	158 , 754	171	17,562	19	141,192-	
81-83	97 , 150		186	4,930	5	175,309-	
82-84	99,937	191,597	192	6,324	6	185,274-	
83-85	93,148	190,558	205	20,929	22	169,629-	182-
84-86	89,913	187,223	208	37,081	41	150,141-	167-
85-87	85 , 513	177,966	208	47,075	55	130,891-	153-
86-88	84,116	141,884	169	58 , 771	70	83,113-	99-
87-89	74,071	96,856	131	56 , 279	76	40,577-	55-
88-90	69,027	67,804	98	50,810	74	16,994-	25-
89-91	59,917	58,169	97	43,089	72	15,080-	25-
90-92	46,610	48,748	105	33,625	72	15,123-	32-
91-93	35,663	36,366	102	20,830	58	15,535-	44-
92-94	24,261	26,959	111	10,616	44	16,343-	67-
93-95	19,120	22,239	116	5,543	29	16,695-	87-
94-96	12,371	13,509	109	2,303	19	11,205-	91-
95-97	9,879	8,434	85	1,334	14	7,099-	72-
96-98	8,003	5,156	64	1,469	18	3 , 687-	46-
97-99	4,116	3,015	73	887	22	2,128-	52 -
98-00	1,853	1,879	101	444	24	1,436-	77-
99-01	765	2,549	333		0	2,549-	
00-02	14,602	59 , 666	409		0	59,666-	409-
01-03	46,255	113,550	245		0	113,550-	
02-04	45,490	111,001	244		0	111,001-	244-

ACCOUNT 369.2 SERVICES - OVERHEAD

		COST OF		GROSS	NET	
	REGULAR	REMOVAL		SALVAGE	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S				
03-05	31,652	53,885	170	0	53,885-	170-
04-06	6	1,872		0	1,872-	
05-07	6	1,872		0	1,872-	
06-08	6	1,872		0	1,872-	
07-09						
08-10	21,038	42,431	202	0	42,431-	202-
09-11	36,809	65 , 730	179	0	65,730-	179-
10-12	56,845	172,045	303	0	172,045-	303-
11-13	37 , 877	129,613	342	0	129,613-	342-
12-14	22,106	106,315	481	0	106,315-	481-
13-15	2,070		0	0		0
14-16	37,586	45,275	120	0	45,275-	120-
15-17	51,350	101,484	198	0	101,484-	198-
16-18	56,973	143,886	253	0	143,886-	253-
17-19	27,409	144,552	527	0	144,552-	527-
FIVE-YEAD	R AVERAGE					
15-19	38,997	113,896	292	0	113,896-	292-

ACCOUNT 370 METERS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	67 , 710	493	1	1,576	2	1,083	2
1973	87 , 218	944	1	2,411	3	1,467	2
1974	82 , 009	1,356	2	4,458	5	3,102	4
1975	80,281	988	1	735	1	253-	0
1976	106,187	1,008	1	2,601	2	1,593	2
1977	93,242	939	1	2,648	3	1,709	2
1978	106,298	733	1	3,963	4	3,230	3
1979	96,427	1,299	1	4,452	5	3,153	3
1980	162,946	612	0	1,921	1	1,309	1
1981	88,463	1,363	2	2,169	2	806	1
1982	118,455	1,845	2	888	1	957-	1-
1983	111,470	2,338	2	1,187	1	1,151-	1-
1984	140,196	1,606	1	1,101	1	505-	0
1985	118,196	664	1	1,839	2	1,175	1
1986	469,663	153	0	1,521	0	1,368	0
1987	507 , 099	5,543	1	5,646	1	103	0
1988	397 , 772	4,332	1	3,866	1	466-	0
1989	509,256	43,076	8	60,395	12	17,319	3
1990	269,810	37,279	14	3,617	1	33,662-	12-
1991	306,721	33,402	11	1,644	1	31,758-	10-
1992	500,495	42,423	8	8,146	2	34,277-	7 –
1993	467,650	42,980	9	14,632	3	28,348-	6-
1994	595,584	28,989	5	66,339	11	37 , 350	6
1995	318,861	440,893	138	26,390	8	414,503-	130-
1996	246,480	135,805	55	36,937	15	98,868-	40-
1997	350,453	175,837	50	68,611	20	107,226-	31-
1998	147,240	149,338	101	35,242	24	114,096-	77-
1999							
2000							
2001							
2002	280,496		0	990	0	990	0
2003	1,199,462		0		0		0
2004							
2005							
2006	2,035,798		0		0		0
2007							
2008							
2009	1,185,222		0		0		0
2010	75 , 698		0		0		0
2011	20,204		0		0		0
2012	122,852		0		0		0
2013	107,836		0		0		0

ACCOUNT 370 METERS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	178,035		0		0		0
2015	56,716		0		0		0
2016	523,209		0	5,210	1	5,210	1
2017	3,083,602		0		0		0
2018	568,297		0		0		0
2019	537,380	42	0		0	42-	0
TOTAL	16,520,988	1,156,280	7	371,135	2	785,145-	5-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	78 , 979	931	1	2,815	4	1,884	2
73-75	83,169	1,096	1	2,535	3	1,439	2
74-76	89,492	1,117	1	2,598	3	1,481	2
75-77	93,237	978	1	1,995	2	1,016	1
76-78	101,909	893	1	3,071	3	2,177	2
77-79	98,656	990	1	3,688	4	2,697	3
78-80	121,890	881	1	3,445	3	2,564	2
79-81	115,945	1,091	1	2,847	2	1,756	2
80-82	123,288	1,273	1	1,659	1	386	0
81-83	106,129	1,849	2	1,415	1	434-	0
82-84	123,374	1,930	2	1,059	1	871-	1-
83-85	123,287	1,536	1	1,376	1	160-	0
84-86	242,685	808	0	1,487	1	679	0
85-87	364,986	2,120	1	3,002	1	882	0
86-88	458,178	3,343	1	3,678	1	335	0
87-89	471,376	17,650	4	23,302	5	5 , 652	1
88-90	392,279	28,229	7	22,626	6	5,603-	1-
89-91	361,929	37,919	10	21,885	6	16,034-	4 –
90-92	359,009	37,701	11	4,469	1	33,232-	9-
91-93	424,955	39,602	9	8,141	2	31,461-	7 –
92-94	521,243	38,131	7	29 , 706	6	8,425-	2-
93-95	460,698	170,954	37	35 , 787	8	135,167-	29-
94-96	386,975	201,896	52	43,222	11	158,674-	41-
95-97	305,265	250,845	82	43,979	14	206,866-	68-
96-98	248,058	153,660	62	46,930	19	106,730-	43-
97-99	165,898	108,392	65	34,618	21	73,774-	44-
98-00	49,080	49,779	101	11,747	24	38,032-	77-
99-01							
00-02	93,499		0	330	0	330	0
01-03	493,319		0	330	0	330	0
02-04	493,319		0	330	0	330	0

ACCOUNT 370 METERS

		COST O		GROSS		NET	
	REGULAR	REMOVA:	L	SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	399,821		0		0		0
04-06	678 , 599		0		0		0
05-07	678 , 599		0		0		0
06-08	678 , 599		0		0		0
07-09	395,074		0		0		0
08-10	420,307		0		0		0
09-11	427,041		0		0		0
10-12	72,918		0		0		0
11-13	83,631		0		0		0
12-14	136,241		0		0		0
13-15	114,195		0		0		0
14-16	252 , 653		0	1,737	1	1,737	1
15-17	1,221,175		0	1,737	0	1,737	0
16-18	1,391,702		0	1,737	0	1,737	0
17-19	1,396,426	14	4 0		0	14-	0
FIVE-YEA	R AVERAGE						
15-19	953,840	8	3 0	1,042	0	1,034	0

ACCOUNT 370.1 METERS - AMS

		COST O		GROSS		NET	
	REGULAR	REMOVA	L	SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2017	77,652		0	72,404	93	72,404	93
2018	92 , 167		0	84,861	92	84,861	92
2019	1		0		0		0
TOTAL	169,820		0	157,265	93	157,265	93
THREE-YE	AR MOVING AVERAG	ES					
17-19	56,607		0	52,422	93	52,422	93

ACCOUNT 370.2 METERS - CT AND PT

		COST O	F	GROSS		NET	
	REGULAR	REMOVA	L	SALVAG	E	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2018	30,720		0		0		0
2019	47,920		0		0		0
TOTAL	78,640		0		0		0



ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

	REGULAR	COST OF REMOVAL		GROSS		NET	
YEAR	RETIREMENTS	AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	320,649	54,711	17	91,079	28	36,368	11
1973	438,653	70,154	16	208,453	48	138,299	32
1974	203 , 578	44,768	22	143,299	70	98,531	48
1975	267,263	58,268	22	105,943	40	47,675	18
1976	377 , 069	73,399	19	148,917	39	75 , 518	20
1977	300,219	87,337	29	174 , 956	58	87 , 619	29
1978	214,608	53,179	25	236,899	110	183,720	86
1979	172,621	46,468	27	153,266	89	106,798	62
1980	320,642	29,881	9	179,487	56	149,606	47
1981	263,591	514,081	195	222,522	84	291,559-	111-
1982	287,284	96,480	34	199,226	69	102,746	36
1983	260,405	103,414	40	209,260	80	105,846	41
1984	275,191	84,653	31	167,841	61	83,188	30
1985	230,523	39,739	17	104,734	45	64,995	28
1986	442,550	169,962	38	340,917	77	170,955	39
1987	379,236	565,681	149	305,489	81	260,192-	69-
1988	418,448	362,732	87	318,702	76	44,030-	11-
1989	693,800	491,479	71	401,626	58	89,853-	13-
1990	537,910	472,970	88	330,412	61	142,558-	27-
1991	453,571	373 , 285	82	252 , 271	56	121,014-	27-
1992	383,968	368,675	96	204,907	53	163,768-	43-
1993	435,211	396,683	91	131,591	30	265,092-	61-
1994	509,353	582,160	114	136,608	27	445,552-	87-
1995	527 , 965	730,023	138	43,696	8	686,327-	130-
1996	895,138	493,201	55	134,144	15	359 , 057-	40-
1997	932,669	467,958	50	182,596	20	285,362-	31-
1998	395,612	401,251	101	94,690	24	306,561-	77-
1999							
2000	105,117	191,934	183	32,901	31	159,033-	151-
2001	218,624	189,344	87	2,494	1	186,850-	85-
2002	424,861	169,801	40	18,321	4	151,480-	36-
2003	274,128	302,993	111		0	302,993-	111-
2004	203,457	88,894	44		0	88,894-	44-
2005							
2006	184,453		0		0		0
2007	248,924	83 , 576	34	7,104	3	76,472-	31-
2008		38,484				38,484-	
2009	58,688	76,658	131		0	76,658-	131-
2010	1,010,345	2,622,353	260	5,372	1	2,616,981-	
2011	3,977,573	1,308,348	33	7,632	0	1,300,716-	33-
2012	1,236,960	754,332	61	4,135	0	750,196-	61-
2013	1,815,948	875 , 871	48	1,426	0	874,444-	48-

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	1,490,546	1,125,386	76	29,899	2	1,095,487-	73-
2015	947,158	673,771	71	2,357	0	671,414-	71-
2016	3,423,618	1,131,886	33	10,960	0	1,120,926-	33-
2017	288,353	1,306,745	453	23,467	8	1,283,278-	
2017	208,723	749,254	359	22,556	11	726,698-	
2019	8,430	23,993	285	22,330	0	23,991-	
2019	0,430	23,333	200	۷	O	23,331	200
TOTAL	27,063,633	18,946,215	70	5,392,157	20	13,554,058-	50-
THREE-YE	CAR MOVING AVERAC	GES					
72-74	320,960	56,544	18	147,610	46	91,066	28
73-75	303,165	57,730	19	152,565	50	94,835	31
74-76	282,637	58,812	21	132,720	47	73,908	26
75-77	314,850	73,001	23	143,272	46	70,271	22
76-78	297,299	71,305	24	186,924	63	115,619	39
77-79	229,149	62,328	27	188,374	82	126,046	55
78-80	235,957	43,176	18	189,884	80	146,708	62
79-81	252,285	196,810	78	185,092	73	11,718-	5-
80-82	290,506	213,481	73	200,412	69	13,069-	4 –
81-83	270,427	237,992	88	210,336	78	27,656-	10-
82-84	274,293	94,849	35	192,109	70	97,260	35
83-85	255,373	75,935	30	160,612	63	84,676	33
84-86	316,088	98,118	31	204,497	65	106,379	34
85-87	350 , 770	258,461	74	250 , 380	71	8,081-	2-
86-88	413,411	366,125	89	321,703	78	44,422-	11-
87-89	497,161	473,297	95	341,939	69	131,358-	26-
88-90	550 , 053	442,394	80	350,247	64	92,147-	17-
89-91	561,760	445,911	79	328,103	58	117,808-	21-
90-92	458,483	404,977	88	262,530	57	142,447-	31-
91-93	424,250	379,548	89	196,256	46	183,291-	43-
92-94	442,844	449,173	101	157,702	36	291,471-	66-
93-95	490,843	569,622	116	103,965	21	465,657-	95-
94-96	644,152	601,795	93	104,816	16	496,979-	77-
95-97	785 , 257	563,727	72	120,145	15	443,582-	56-
96-98	741,140	454,137	61	137,143	19	316,993-	43-
97-99	442,760	289,736	65	92,429	21	197,308-	45-
98-00	166,910	197 , 728	118	42,530	25	155,198-	93-
99-01	107,914	127,093	118	11,798	11	115,294-	107-
00-02	249,534	183,693	74	17,905	7	165,788-	66-
01-03	305 , 871	220,713	72	6,938	2	213,774-	70-
02-04	300,815	187,229	62	6,107	2	181,122-	60-

ACCOUNTS 373.1 AND 373.2 STREET LIGHTING AND SIGNAL SYSTEMS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	IS					
03-05	159,195	130,629	82		0	130,629-	82-
04-06	129,303	29,631	23		0	29,631-	23-
05-07	144,459	27,859	19	2,368	2	25,491-	18-
06-08	144,459	40,687	28	2,368	2	38,319-	27-
07-09	102,537	66,239	65	2,368	2	63 , 872-	62-
08-10	356,344	912,499	256	1,791	1	910,708-	256-
09-11	1,682,202	1,335,786	79	4,335	0	1,331,452-	79-
10-12	2,074,959	1,561,678	75	5,713	0	1,555,965-	75 -
11-13	2,343,494	979,517	42	4,398	0	975,119-	42-
12-14	1,514,485	918,530	61	11,820	1	906,709-	60-
13-15	1,417,884	891,676	63	11,227	1	880,448-	62-
14-16	1,953,774	977,014	50	14,405	1	962 , 609-	49-
15-17	1,553,043	1,037,467	67	12,261	1	1,025,206-	66-
16-18	1,306,898	1,062,628	81	18,994	1	1,043,634-	80-
17-19	168,502	693,331	411	15,342	9	677 , 989-	402-
FIVE-YEA	R AVERAGE						
15-19	975,257	777 , 130	80	11,868	1	765,261-	78-

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

		COST O	F	GROSS		NET	
	REGULAR	REMOVA	L	SALVAG	E	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2016	27,382		0		0		0
2017							
2018	33,467		0		0		0
2019	18,137		0		0		0
TOTAL	78 , 985		0		0		0
THREE-YEA	AR MOVING AVERAG	ES					
16-18	20,283		0		0		0
17-19	17,201		0		0		0

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1999	67,299		0		0		0
2000	828,624	41,842-		42,937	5	84,779	10
2001	787,692	11,012	0	12/33/	0	01/119	0
2002	1,629,220	1,792	0	102,042	6	100,250	6
2003	2,059,945	1/132	0	102,012	0	100/200	0
2004	919,186	3,411	0	7,269-	1-	10,680-	1-
2005	313 / 100	5/111	O	7,203	_	10,000	_
2006							
2007	257 , 535		0		0		0
2008	2377333		O		O		O
2009	63,429		0		0		0
2010	276,316		0		0		0
2011	1,875,946		0		0		0
2011	627,925		0		0		0
2012	40,601		0		0		0
2013	110,843		0		0		0
2014	5,284,389		0		0		0
2015	48,978		0		0		0
2010	43,756		0		0		0
2017	131,695		0		0		0
2019	245,127		0	600	0	600	0
2019	243,127		U	000	O	000	U
TOTAL	15,298,507	36,639-	0	138,310	1	174,949	1
THREE-YE	AR MOVING AVERAG	ES					
99-01	561,205	13,947-	2-	14,312	3	28,260	5
00-02	1,081,845	13,350-	1-	48,326	4	61,676	6
01-03	1,492,286	597	0	34,014	2	33,417	2
02-04	1,536,117	1,734	0	31,591	2	29 , 857	2
03-05	993,044	1,137	0	2,423-	0	3,560-	0
04-06	306 , 395	1,137	0	2,423-	1-	3,560-	1-
05-07	85 , 845		0		0		0
06-08	85 , 845		0		0		0
07-09	106,988		0		0		0
08-10	113,248		0		0		0
09-11	738,564		0		0		0
10-12	926 , 729		0		0		0
11-13	848,157		0		0		0
12-14	259,790		0		0		0
13-15	1,811,944		0		0		0
14-16	1,814,737		0		0		0

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

		COST O	F	GROSS		NET	
	REGULAR	REMOVA:	L	SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
15-17	1,792,374		0		0		0
16-18	74,810		0		0		0
17-19	140,193		0	200	0	200	0
FIVE-YEA	R AVERAGE						
15-19	1,150,789		0	120	0	120	0

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1992	15,173	5	0	2,683	18	2,678	18
1993	5,270	270	5		0	270-	5-
1994							
1995							
1996							
1997							
1998							
1999	10,629		0		0		0
2000	13,048	692-	5-	803	6	1,495	11
2001							
2002							
2003							
2004							
2005 2006	42,876		0		0		0
2007	18,323	487	3		0	487-	3-
2007	10,323	407	5		O	407	J
2009	1,569		0		0		0
2010	1,003		Ü		Ü		Ü
2011	17,070		0		0		0
2012							
2013							
2014							
2015	295,106		0		0		0
2016							
2017	120,866		0		0		0
2018	36,800		0		0		0
2019							
TOTAL	576,730	70	0	3,486	1	3,416	1
THREE-YE	AR MOVING AVERAGE:	S					
92-94	6,814	92	1	894	13	803	12
93-95	1,757	90	5		0	90-	5-
94-96	,						
95-97							
96-98							
97-99	3,543		0		0		0
98-00	7,892	231-	3-	268	3	498	6
99-01	7,892	231-		268	3	498	6
00-02	4,349	231-	5-	268	6	498	11

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PC	NET SALVAGE T AMOUNT	PCT
	EAR MOVING AVERAGES					
01-03 02-04 03-05 04-06 05-07 06-08 07-09 08-10 09-11 10-12 11-13 12-14 13-15 14-16 15-17 16-18	14,292 20,400 20,400 6,631 523 6,213 5,690 5,690 98,369 98,369 138,657 52,555	162 162 162	0 1 1 2 0 0 0 0		0 0 162- 0 162- 0 0 0 0 0	1-
17-19	52,555		0		0	0
FIVE-YEA	AR AVERAGE					
15-19	90,554		0		0	0

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT E	PCT .	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1999	95,125		0		0		0
2000	254,699	13,505-	5 -	15,676	6	29,181	11
2001	51,214	,	0	,	0	•	0
2002	164,237	619	0	3,408	2	2,789	2
2003	132,400		0		0		0
2004							
2005							
2006	26,090		0		0		0
2007							
2008							
2009	24,729		0		0		0
2010	56,703		0		0		0
2011	108,666		0		0		0
2012	144,603		0		0		0
2013	103,943		0		0		0
2014							
2015	425,796		0		0		0
2016							
2017	421,229		0		0		0
2018							
2019							
TOTAL	2,009,433	12,886-	1-	19,084	1	31,970	2
THREE-YE	AR MOVING AVERAGI	ES					
99-01	133,679	4,502-	3-	5,225	4	9,727	7
00-02	156,717	4,295-	3-	6 , 361	4	10,657	7
01-03	115,950	206	0	1,136	1	930	1
02-04	98,879	206	0	1,136	1	930	1
03-05	44,133		0		0		0
04-06	8,697		0		0		0
05-07	8,697		0		0		0
06-08	8,697		0		0		0
07-09	8,243		0		0		0
08-10	27,144		0		0		0
09-11	63,366		0		0		0
10-12	103,324		0		0		0
11-13	119,071		0		0		0
12-14	82,849		0		0		0
13-15	176,580		0		0		0
14-16	141,932		0		0		0

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

		COST O	F	GROSS		NET	
	REGULAR	REMOVA	REMOVAL		E	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGE	S					
15-17	282,341		0		0		0
16-18	140,410		0		0		0
17-19	140,410		0		0		0
FIVE-YEA	AR AVERAGE						
15-19	169,405		0		0		0

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

	REGULAR	COST OF REMOVAL	GROSS SALVAGE	GROSS SALVAGE		
YEAR	RETIREMENTS	AMOUNT PC		PCT	SALVAGE AMOUNT	PCT
1974	33	(0	0		0
1975	727	(0	0		0
1976						
1977	1,515	(0 11	1	11	1
1978	3,890	(0 500	13	500	13
1979	4,571	(0	0		0
1980	669	(0	0		0
1981	393	(0	0		0
1982						
1983	242		0	0		0
1984	3,472	(0	0		0
1985						
1986						
1987	1 , 559		0 48	3	48	3
1988	811	(0	0		0
1989						
1990	599		0	0		0
1991	900		0	0		0
1992	256	(0	0		0
1993						
1994						
1995	60.060		•			•
1996	62,362	(0	0		0
1997						
1998	0 710		0	0		0
1999	2,710	(0	0		0
2000 2001						
2001						
2002						
2003						
2004						
2005	94,399	,	0	0		0
2007	J4, 333	,	O	O		0
2007						
2009						
2010						
2011	4,429	(0	0		0
2012	-,		-	Ŭ		Ŭ
2013						
2014						
2015						

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2016							
2010							
2018							
2019							
TOTAL	183 , 537		0	559	0	559	0
THREE-YE	CAR MOVING AVERAGE	ES					
74-76	253		0		0		0
75-77	747		0	4	0	4	0
76-78	1,802		0	170	9	170	9
77-79	3 , 325		0	170	5	170	5
78-80	3,043		0	167	5	167	5
79-81	1,878		0		0		0
80-82	354		0		0		0
81-83	212		0		0		0
82-84	1,238		0		0		0
83-85	1,238		0		0		0
84-86	1,157		0		0		0
85-87	520		0	16	3	16	3
86-88	790		0	16	2	16	2
87-89	790		0	16	2	16	2
88-90	470		0		0		0
89-91	500		0		0		0
90-92	585		0		0		0
91-93	385		0		0		0
92-94 93-95	85		0		0		0
93-95	20 , 787		0		0		0
94-96	20 , 787		0		0		0
96-98	20 , 787		0		0		0
97-99	903		0		0		0
98-00	903		0		0		0
99-01	903		0		0		0
00-02	300		Ü		Ü		Ü
01-03							
02-04							
03-05							
04-06	31,466		0		0		0
05-07	31,466		0		0		0
06-08	31,466		0		0		0

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

SUMMARY OF BOOK SALVAGE

		COST OF	,	GROSS		NET	
	REGULAR	REMOVAI	ı	SALVAGE	Ξ	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
07-09							
08-10							
09-11	1,476		0		0		0
10-12	1,476		0		0		0
11-13	1,476		0		0		0
12-14							
13-15							
14-16							
15-17							
16-18							
17-19							

FIVE-YEAR AVERAGE

15-19

GAS PLANT



ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE	NET SALVAGE	,
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PC		PCT
1974	13,657	4,225	31		0 4,225	- 31-
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982	0.0.6	5.0		1.60		1.0
1983	926	52	6	169 1		
1984	5,660	125	2		0 125	
1985	110,552		0		0	0
1986						
1987 1988						
1989	200		0		0	0
1909	200		U		U	U
1990						
1992	2,102		0		0	0
1993	2,102		O		O	O
1994						
1995						
1996						
1997						
1998						
1999						
2000						
2001						
2002						
2003						
2004	881	849	96		0 849	- 96-
2005						
2006	2,610	12,438	477		0 12,438	- 477-
2007						
2008	3,503		0		0	0
2009	6,180	1,887	31		0 1,887	
2010	14,163		0		0	0
2011	14,882	22,480	151		0 22,480	
2012	23,720	2,119	9		0 2,119	
2013	73,061	2,740	4		0 2,740	
2014	695		0		0	0
2015						

ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2016	3,025	176	6		0	176-	6-
2017	10,299	72,522	704	696	7	71,826-	
2018	824	4,288	520	3,774	458	514-	62-
2019	527	1,200	0	3,771	0	011	0
2019	327		O		O		O
TOTAL	287,466	123,899	43	4,639	2	119,261-	41-
THREE-YE	AR MOVING AVERAG	ΞS					
74-76	4,552	1,408	31		0	1,408-	31-
75-77							
76-78							
77-79							
78-80							
79-81							
80-82							
81-83	309	17	6	56	18	39	13
82-84	2,195	59	3	56	3	3-	0
83-85	39,046	59	0	56	0	3-	0
84-86	38,737	42	0		0	42-	0
85-87	36,851		0		0		0
86-88							
87-89	67		0		0		0
88-90	67		0		0		0
89-91	67		0		0		0
90-92	701		0		0		0
91-93	701		0		0		0
92-94	701		0		0		0
93-95							
94-96							
95-97							
96-98 97-99							
98-00 99-01							
00-02							
01-03							
01-03	294	283	96		0	283-	96-
02-04	294	283	96		0	283-	
03-05	1,163	4,429	381		0	4,429-	
05-07	870	4,146	477		0	4,146-	
05-07	2 , 038	4,146	203		0	4,146-	
00-00	2,030	4,140	203		U	4,140-	203-

ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
07-09	3,228	629	19		0	629-	19-
08-10	7,949	629	8		0	629-	8 –
09-11	11,742	8,123	69		0	8,123-	69-
10-12	17,588	8,200	47		0	8,200-	47-
11-13	37,221	9,113	24		0	9,113-	24-
12-14	32,492	1,619	5		0	1,619-	5 –
13-15	24,585	913	4		0	913-	4 –
14-16	1,240	59	5		0	59-	5-
15-17	4,441	24,233	546	232	5	24,001-	540-
16-18	4,716	25,662	544	1,490	32	24,172-	513-
17-19	3,883	25,603	659	1,490	38	24,113-	621-
FIVE-YEA	R AVERAGE						
15-19	2,935	15,397	525	894	30	14,503-	494-

ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES

	NET LVAGE INT PCT
1,135 268 24 800 70	532 47
1978	
1979	
1980	
1981 1982	
1982	
1984	
1985 4,627 0 0	0
1986 1,233- 0 0	0
1987	O
1988	
1989	
1990	
1991	
1992	
1993	
1994	
1995	
1996	
1997	
1998	
1999	
2000	
2001	
2002	
2003	
2004	
2005	
2006	
2007	
2008 2009	
2010	
2010	
2012	
2013	
2014	
2015	
2016 109 0 8 7	8 7
2017	

ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES

YEAR 2018	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2019							
TOTAL	4,638	268	6	808	17	540	12
THREE-YE	AR MOVING AVERAGE	S					
77-79	378	89	24	267	70	177	47
78-80	370	0.9	24	207	70	177	4 /
79-81							
80-82							
81-83							
82-84							
83-85	1,542		0		0		0
84-86	1,131		0		0		0
85-87	1,131		0		0		0
86-88	411-		0		0		0
87-89							
88-90							
89-91							
90-92							
91-93							
92-94							
93-95 94-96							
94-96							
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06							
05-07							
06-08							
07-09							
08-10							
09-11							
10-12							
11-13							

ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}					
12-14							
13-15							
14-16	36		0	3	7	3	7
15-17	36		0	3	7	3	7
16-18	36		0	3	7	3	7
17-19							
FIVE-YEA	R AVERAGE						
15-19	22		0	2	7	2	7

ACCOUNT 351.4 OTHER STRUCTURES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1974	4,885	958	20		0	958-	20-
1975							
1976							
1977							
1978							
1979							
1980							
1981							
1982	1,070	68	6		0	68-	6-
1983	3,415	298	9	556	16	258	8
1984	12,463	279	2	38	0	241-	2-
1985	128,728	157	0	100	0	57-	0
1986	1,718		0		0		0
1987							
1988	1,262	40	3		0	40-	3 –
1989	2,594	3 , 525	136	1,499	58	2,026-	78 -
1990							
1991							
1992	2,000		0		0		0
1993							
1994							
1995							
1996							
1997							
1998							
1999							
2000	1,765		0		0		0
2001							
2002							
2003	0.00	0 500	68.6			0.500	68.6
2004	382	2,580	676		0	2,580-	676-
2005	0.004	0.64	2.0		0	0.64	2.0
2006	2,234	864	39		0	864-	39-
2007							
2008	F10		0		0		0
2009	519	47 605	0	C 1	0	47 - 41	0
2010	25 , 726	47,605	185	64	0	47,541-	185-
2011	34,699	10,953	32		0	10,953-	32- 89-
2012 2013	2 , 728	2,438	89 76		0	2,438-	89- 76-
2013	63,298 10,397	48,295 35,000	337		0	48,295- 35,000-	337-
2014	7,544	46,910	622		0	46,910-	622-
2010	7,044	40,910	UZZ		U	40,910-	022-

ACCOUNT 351.4 OTHER STRUCTURES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
						21,086-	
2016	9,638		220	74	1		
2017 2018	4,266	9,443 27,847	221		0	9,443- 27,847-	221-
2016	1,242	21,041			U	21,041-	
2019							
TOTAL	322,572	258,419	80	2,331	1	256,089-	79-
THREE-YE	CAR MOVING AVERAGE	ES					
74-76	1,628	319	20		0	319-	20-
75-77							
76-78							
77-79							
78-80							
79-81							
80-82	357	23	6		0	23-	6-
81-83	1,495	122	8	185	12	63	4
82-84	5,649	215	4	198	4	17-	0
83-85	48,202	245	1	231	0	13-	0
84-86	47,636	145	0	46	0	99-	0
85-87	43,482	52	0	33	0	19-	0
86-88	993	13	1		0	13-	1-
87-89	1,285	1,188	92	500	39	689-	54-
88-90	1,285	1,188	92	500	39	689-	54-
89-91	865	1,175	136	500	58	675-	78-
90-92	667		0		0		0
91-93	667		0		0		0
92-94	667		0		0		0
93-95							
94-96							
95-97							
96-98							
97-99	EOO		0		0		0
98-00 99-01	588 588		0		0		0
00-02	588		0		0		0
01-03	388		U		U		U
01-03	127	860	676		0	860-	676-
02-04	127	860	676		0		676-
03-05	872	1,148	132		0	1,148-	
04-00	745	288	39		0	288-	39-
05-07	745	288	39		0	288-	39-
00-00	740	200	39		U	∠00-	39 -

ACCOUNT 351.4 OTHER STRUCTURES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
07-09	173		0		0		0
08-10	8,748	15,868	181	21	0	15,847-	181-
09-11	20,315	19,519	96	21	0	19,498-	96-
10-12	21,051	20,332	97	21	0	20,311-	96-
11-13	33 , 575	20,562	61		0	20,562-	61-
12-14	25,474	28 , 578	112		0	28 , 578-	112-
13-15	27 , 080	43,402	160		0	43,402-	160-
14-16	9,193	34,357	374	25	0	34,332-	373-
15-17	7,149	25 , 838	361	25	0	25,813-	361-
16-18	5,049	19,483	386	25	0	19,459-	385-
17-19	1,836	12,430	677		0	12,430-	677-
FIVE-YEA	R AVERAGE						
15-19	4,538	21,072	464	15	0	21,057-	464-

ACCOUNT 352.4 WELL DRILLING

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	9,586	3,603	38	696	7	2,907-	30-
1973	7,754	3,416	44	125	2	3,291-	42-
1974							
1975	7,878	1,231	16	65	1	1,166-	15-
1976							
1977	2,611	2,994	115		0	2,994-	
1978	18,762	3,801	20		0	3,801-	
1979	37,681	4,452	12		0	4,452-	12-
1980							
1981							
1982	8,329	4,903	59	233	3	4,670-	56-
1983	13,201	13,819	105		0	13,819-	
1984	14,880	8,452	57	1,641	11	6,811-	
1985	1,378,120	291,281	21	28,820	2	262,461-	
1986	13,574	11,464	84		0	11,464-	84-
1987							
1988	247,022	5,824	2	3,842-	2-	9,666-	4 –
1989	13,281		0		0		0
1990	5,294		0		0		0
1991	17,326	3,313	19		0	3,313-	19-
1992	23,812		0		0		0
1993							
1994							
1995	2,911	1,694	58		0	1,694-	
1996	21,155	2,095	10		0	2,095-	10-
1997							
1998							
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006 2007							
2008	72 022	1EC 100	214		0	1 F C 1 0 0	214
2009 2010	73,032	156,182	214		0	156,182-	∠⊥4−
2010	70 145	165 055	227		0	165,955-	237_
2011	70,145	165,955	237		0	100,905-	231-
2012	0 727		0		0		\circ
2013	8,237		U		U		0

ACCOUNT 352.4 WELL DRILLING

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	45,343	103,487	228		0	103,487-	228-
2014	69,704	186,241			0	186,241-	
2016	03,701	100/211	201		O	100/211	201
2017	22,422	71,846	320		0	71,846-	320-
2018	177,459	628,460			0	628,460-	
2019	,	,				,	
TOTAL	2,309,520	1,674,512	73	27,738	1	1,646,774-	71-
THREE-YE	AR MOVING AVERAG	ES					
72-74	5 , 780	2,340	40	274	5	2,066-	36-
73-75	5,211	1,549	30	63	1	1,486-	
74-76	2,626	410	16	22	1	389-	
75-77	3,496	1,408	40	22	1	1,387-	
76-78	7,124	2,265	32		0	2,265-	32-
77-79	19 , 685	3,749	19		0	3,749-	19-
78-80	18,814	2,751	15		0	2,751-	15-
79-81	12,560	1,484	12		0	1,484-	12-
80-82	2,776	1,634	59	78	3	1,557-	56-
81-83	7,177	6,241	87	78	1	6,163-	86-
82-84	12,137	9,058	75	625	5	8,433-	69-
83-85	468,734	104,517	22	10,154	2	94,364-	20-
84-86	468,858	103,732	22	10,154	2	93,579-	20-
85-87	463,898	100,915	22	9,607	2	91,308-	20-
86-88	86,865	5,763	7	1,281-	1-	7,043-	8 –
87-89	86,768	1,941	2	1,281-	1-	3,222-	4 -
88-90	88,532	1,941	2	1,281-	1-	3,222-	4 -
89-91	11,967	1,104	9		0	1,104-	9-
90-92	15 , 477	1,104	7		0	1,104-	
91-93	13,713	1,104	8		0	1,104-	8 –
92-94	7 , 937		0		0		0
93-95	970	565	58		0	565-	58 -
94-96	8,022	1,263	16		0	1,263-	16-
95-97	8,022	1,263	16		0	1,263-	16-
96-98	7 , 052	698	10		0	698-	10-
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							

ACCOUNT 352.4 WELL DRILLING

		COST OF		GROSS	NET	
	REGULAR	REMOVAL		SALVAGE	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGES	S				
03-05						
04-06						
05-07						
06-08						
07-09	24,344	52,061	214	0	52,061-	214-
08-10	24,344	52 , 061	214	0	52,061-	214-
09-11	47,726	107,379	225	0	107,379-	225-
10-12	23,382	55,318	237	0	55,318-	237-
11-13	26,127	55,318	212	0	55,318-	212-
12-14	17 , 860	34,496	193	0	34,496-	193-
13-15	41,095	96,576	235	0	96,576-	235-
14-16	38,349	96 , 576	252	0	96 , 576-	252-
15-17	30,709	86 , 029	280	0	86,029-	280-
16-18	66,627	233,435	350	0	233,435-	350-
17-19	66,627	233,435	350	0	233,435-	350-
FIVE-YEA	AR AVERAGE					
15-19	53,917	177,309	329	0	177,309-	329-

ACCOUNT 352.5 WELL EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	8,001	2,792	35	492	6	2,300-	29-
1973	5 , 665	2,689	47	162	3	2,527-	45-
1974							
1975	10,623	3,354	32	60	1	3,294-	31-
1976							
1977	2,737	2,848	104		0	2,848-	104-
1978	6,086	1,246	20		0	1,246-	20-
1979	21,317	16,727	78		0	16,727-	78-
1980							
1981	4,107		0	883	21	883	21
1982	5 , 139	12,077	235	328	6	11,749-	229-
1983	5 , 125	5,213	102		0	5,213-	102-
1984	13,921	5,323	38	1,119	8	4,204-	30-
1985	1,197,451	227,089	19	27,626	2	199,463-	17-
1986	23,771	15,118	64		0	15,118-	64-
1987	25-		0		0		0
1988	314,880	6,804	2	2,374-	1-	9,178-	3-
1989	7,178		0		0		0
1990	4,000		0		0		0
1991	26,100	5,194	20		0	5,194-	20-
1992	58,108		0		0		0
1993	15 , 155		0		0		0
1994	9 , 352		0		0		0
1995	4,276	2,488	58		0	2,488-	58 -
1996	23,940	2,371	10		0	2,371-	10-
1997	26 , 774	5,163	19	263	1	4,900-	18-
1998	850	337	40		0	337-	40-
1999	14,560	827	6		0	827-	6-
2000	10,993		0		0		0
2001							
2002							
2003							
2004	14,297	74 , 770	523		0	74,770-	523-
2005							
2006	48,825	32,192	66		0	32,192-	66-
2007							
2008							
2009	350 , 717	19,447	6		0	19,447-	6-
2010	504 , 706	3,427	1		0	3,427-	1-
2011	521,481	568 , 672	109		0	568,672-	109-
2012	231,254		0		0		0
2013	147,819	15,584	11		0	15,584-	11-

ACCOUNT 352.5 WELL EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	113,826	243,949	214		0	243,949-	214-
2015	436,018	404,105	93	3,019	1	401,087-	92-
2016	26,432	120,267	455		0	120,267-	455-
2017	93,523	178,026	190		0	178,026-	190-
2018	810,639	1,315,012	162		0	1,315,012-	162-
2019							
TOTAL	5,119,623	3,293,111	64	31,578	1	3,261,533-	64-
THREE-YE	AR MOVING AVERAG	EES					
72-74	4,555	1,827	40	218	5	1,609-	35-
73-75	5,429	2,014	37	74	1	1,940-	36-
74-76	3,541	1,118	32	20	1	1,098-	31-
75-77	4,453	2,067	46	20	0	2,047-	46-
76-78	2,941	1,365	46		0	1,365-	46-
77-79	10,047	6,940	69		0	6,940-	
78-80	9,134	5,991	66		0	5,991-	
79-81	8 , 475	5 , 576	66	294	3	5 , 281-	
80-82	3,082	4,026	131	404	13	3,622-	
81-83	4,790	5,763	120	404	8	5 , 360-	
82-84	8,062	7,538	94	482	6	7,055-	
83-85	405,499	79,208	20	9,582	2	69,627-	
84-86	411,714	82,510	20	9,582	2	72,928-	
85-87	407,066	80,736	20	9,209	2	71,527-	
86-88	112,875	7,307	6	791-	1-	8,099-	7 –
87-89	107,344	2,268	2	791-	1-	3,059-	3 –
88-90	108,686	2,268	2	791-	1-	3,059-	3-
89-91	12,426	1,731	14		0	1,731-	
90-92	29,403	1,731	6		0	1,731-	6-
91-93 92-94	33,121	1,731	5		0	1,731-	5 - 0
	27,538	0.2.0	0		0	0.2.0	
93-95	9,594	829	9		0	829-	9-
94-96 95-97	12,523	1,620	13	0.0	0	1,620-	13-
	18,330	3,341	18	88	0	3,253-	
96-98 97-99	17,188 14,061	2,624 2,109	15 15	88	1	2,536- 2,021-	
97-99	8,801	388	15	88	1	388-	
98-00 99-01	8,801 8,518	388 276	4		0	276-	4 –
00-02	3,664	2/0	3		0	2/6-	3 - 0
01-03	3,004		U		U		U
02-04	4,766	24,923	523		0	24,923-	523-

ACCOUNT 352.5 WELL EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	4,766	24,923	523		0	24,923-	523-
04-06	21,041	35,654	169		0	35,654-	169-
05-07	16,275	10,731	66		0	10,731-	66-
06-08	16,275	10,731	66		0	10,731-	66-
07-09	116,906	6,482	6		0	6,482-	6-
08-10	285,141	7,625	3		0	7,625-	3-
09-11	458,968	197,182	43		0	197,182-	43-
10-12	419,147	190,700	45		0	190,700-	45-
11-13	300,185	194,752	65		0	194,752-	65-
12-14	164,300	86,511	53		0	86,511-	53 -
13-15	232,555	221,213	95	1,006	0	220,206-	95 -
14-16	192,092	256,107	133	1,006	1	255,101-	133-
15-17	185,324	234,133	126	1,006	1	233,126-	126-
16-18	310,198	537 , 768	173		0	537 , 768-	173-
17-19	301,387	497,679	165		0	497,679-	165-
FIVE-YEA	R AVERAGE						
15-19	273,322	403,482	148	604	0	402,878-	147-

ACCOUNT 353 LINES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	12,171	788	6	200	2	588-	5 -
1973	16,756	1,268	8	311	2	957-	6-
1974	7,253	277	4	1,132	16	855	12
1975	28		0		0		0
1976	20,412	902	4	198	1	704-	3-
1977	6 , 597	93	1		0	93-	1-
1978	11,815	143	1		0	143-	1-
1979	70,270	2,301	3	162	0	2,139-	3-
1980	138,024	6,466	5	102	0	6,364-	5 -
1981	784	102	13		0	102-	13-
1982	193,835	2,803	1		0	2,803-	1-
1983	17,902	1,221	7	1,412	8	191	1
1984	52,364	1,613	3	1,355	3	258-	0
1985	1,115,981	1,944	0	149	0	1,795-	0
1986	24,142	4,723	20	1,644	7	3 , 079-	13-
1987	94,114	4,635	5	4,022	4	613-	1-
1988	415,320		0		0		0
1989	45,430	1,128	2		0	1,128-	2-
1990	16,428		0		0		0
1991	61,296	1,150	2	614	1	536-	1-
1992	85,490	308	0		0	308-	0
1993	26,349		0		0		0
1994							
1995	18,779	10,925	58		0	10,925-	58-
1996	127,839	12,661	10		0	12,661-	10-
1997	5,472	1,055	19	54	1	1,001-	18-
1998	22,329	8,855	40		0	8,855-	40-
1999	49,669	2,822	6		0	2,822-	6-
2000	6,702		0		0		0
2001	36,423		0		0		0
2002							
2003	32,116		0		0		0
2004	92,230	44,595	48		0	44,595-	48-
2005							
2006	128,441	79 , 227	62	1,718	1	77,509-	60-
2007	17,940	12,936	72		0	12,936-	72-
2008							
2009	26,987	25,121	93		0	25,121-	93-
2010	279 , 620	60,619	22		0	60,619-	22-
2011	192,992	47 , 572	25		0	47,572-	25-
2012	32,697		0		0		0
2013	88,601	17,863	20		0	17,863-	20-

ACCOUNT 353 LINES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
				7110011			
2014	56,041	29,758	53		0	29,758-	53-
2015	24,531	41,579	169		0	41,579-	
2016	6,179	11,389	184		0	11,389-	
2017	36,754	6,665	18		0	6,665-	
2018	99,393	280,164			0	280,164-	
2019	10		0		0		0
TOTAL	3,814,507	725,672	19	13,073	0	712,599-	19-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	12,060	778	6	548	5	230-	2-
73-75	8,012	515	6	481	6	34-	0
74-76	9,231	393	4	443	5	50	1
75-77	9,012	332	4	66	1	266-	3-
76-78	12,941	379	3	66	1	313-	2-
77-79	29,561	846	3	54	0	792-	3 –
78-80	73 , 370	2,970	4	88	0	2,882-	4 -
79-81	69,693	2,956	4	88	0	2,868-	4 -
80-82	110,881	3,124	3	34	0	3,090-	3-
81-83	70,840	1,375	2	471	1	905-	1-
82-84	88,034	1,879	2	922	1	957-	1-
83-85	395,416	1,593	0	972	0	621-	0
84-86	397,496	2,760	1	1,049	0	1,711-	0
85-87	411,412	3,767	1	1,938	0	1,829-	0
86-88	177,859	3,119	2	1,889	1	1,231-	1-
87-89	184,955	1,921	1	1,341	1	580-	0
88-90	159,059	376	0		0	376-	0
89-91	41,051	759	2	205	0	555-	1-
90-92	54,405	486	1	205	0	281-	1-
91-93	57,712	486	1	205	0	281-	0
92-94	37,280	103	0		0	103-	0
93-95	15,043	3,642	24		0	3,642-	24-
94-96	48,873	7,862	16		0	7,862-	16-
95-97	50,697	8,214	16	18	0	8,196-	16-
96-98	51,880	7,524	15	18	0	7,506-	14-
97-99	25,823	4,244	16	18	0	4,226-	16-
98-00	26,233	3,892	15		0	3,892-	15-
99-01	30,931	941	3		0	941-	3 –
00-02	14,375		0		0		0
01-03	22,846		0		0		0
02-04	41,449	14,865	36		0	14,865-	36-

ACCOUNT 353 LINES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	S					
03-05	41,449	14,865	36		0	14,865-	36-
04-06	73 , 557	41,274	56	573	1	40,702-	55 -
05-07	48,794	30,721	63	573	1	30,148-	62-
06-08	48,794	30,721	63	573	1	30,148-	62-
07-09	14,976	12,686	85		0	12,686-	85-
08-10	102,203	28,580	28		0	28 , 580-	28-
09-11	166,533	44,437	27		0	44,437-	27-
10-12	168,436	36,064	21		0	36,064-	21-
11-13	104,763	21,811	21		0	21,811-	21-
12-14	59,113	15,874	27		0	15,874-	27-
13-15	56,391	29,733	53		0	29,733-	53-
14-16	28,917	27,575	95		0	27 , 575-	95-
15-17	22,488	19,878	88		0	19,878-	88-
16-18	47,442	99,406	210		0	99,406-	210-
17-19	45,386	95,610	211		0	95,610-	211-
FIVE-YEA	R AVERAGE						
15-19	33,373	67,960	204		0	67,960-	204-

ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	7,409		0	5 , 077	69	5,077	69
1973							
1974	2,533		0		0		0
1975	1,300		0		0		0
1976							
1977							
1978	1,769	42	2		0	42-	2-
1979	491	34	7		0	34-	7 –
1980							
1981	2,553		0	1,645	64	1,645	64
1982							
1983	7,520	492	7	2,185	29	1,693	23
1984	223	131	59		0	131-	59-
1985	469,290	221	0	4,305	1	4,084	1
1986	483		0		0		0
1987							
1988							
1989							
1990							
1991	4,797	363	8		0	363-	8 –
1992	21,418	1,410	7		0	1,410-	7 –
1993	3,927		0		0		0
1994	15,000		0		0		0
1995	4,556	2,651	58		0	2,651-	58 -
1996	5,047	500	10		0	500-	10-
1997	13,065	2,520	19	128	1	2,392-	18-
1998							
1999	8,000	455	6		0	455-	6-
2000							
2001	13,788		0		0		0
2002	268,374	1,229	0		0	1,229-	0
2003							
2004	8,380	5,149	61		0	5,149-	61-
2005							
2006	373,259	31,921	9		0	31,921-	9-
2007	47,351	7,738	16		0	7,738-	16-
2008							
2009	2,248,342	24,277	1		0	24,277-	1-
2010	1,094,363	45,190	4		0	45,190-	4 –
2011	450,121	13,162	3		0	13,162-	3-
2012	97,054	6 , 958	7		0	6,958-	7 –
2013	103,148	11,736	11		0	11,736-	11-

ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	101,549	41,978	41	415	0	41,564-	41-
2015	43,150	32,200	75		0	32,200-	75 -
2016	364,291	144,422	40		0	144,422-	40-
2017	140,347		193		0	271,117-	193-
2018	116,474	304,141	261	3 , 720	3	300,422-	258-
2019	41,242	27,208	66		0	27,208-	66-
TOTAL	6,080,615	977,246	16	17,474	0	959 , 772-	16-
THREE-YE	AR MOVING AVERAG	ES					
72-74	3,314		0	1,692	51	1,692	51
73-75	1,278		0		0		0
74-76	1,278		0		0		0
75-77	433		0		0		0
76-78	590	14	2		0	14-	2-
77-79	753	25	3		0	25-	3 –
78-80	753	25	3		0	25-	3 –
79-81	1,015	11	1	548	54	537	53
80-82	851		0	548	64	548	64
81-83	3,358	164	5	1,277	38	1,113	33
82-84	2,581	208	8	728	28	521	20
83-85	159,011	281	0	2,163	1	1,882	1
84-86	156 , 665	117	0	1,435	1	1,318	1
85-87	156,591	74	0	1,435	1	1,361	1
86-88	161		0		0		0
87-89							
88-90							
89-91	1,599	121	8		0	121-	8 –
90-92	8,738	591	7		0	591-	7 –
91-93	10,047	591	6		0	591-	6-
92-94	13,448	470	3		0	470-	3-
93-95	7,828	884	11		0	884-	11-
94-96	8,201	1,050	13		0	1,050-	13-
95-97	7,556	1,890	25	43	1	1,848-	24-
96-98	6,037	1,007	17	43	1	964-	16-
97-99	7,022	992	14	43	1	949-	14-
98-00	2,667	152	6		0	152-	6-
99-01	7,263	152	2		0	152-	2-
00-02	94,054	410	0		0	410-	0
01-03	94,054	410	0		0	410-	0
02-04	92,251	2,126	2		0	2,126-	2-

ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	2,793	1,716	61		0	1,716-	61-
04-06	127,213	12,356	10		0	12,356-	10-
05-07	140,204	13,220	9		0	13,220-	9-
06-08	140,204	13,220	9		0	13,220-	9-
07-09	765,231	10,672	1		0	10,672-	
08-10	1,114,235	23,156	2		0	23,156-	2-
09-11	1,264,275	27,543	2		0	27,543-	
10-12	547 , 179	21,770	4		0	21,770-	
11-13	216,774	10,618	5		0	10,618-	5 -
12-14	100,584	20,224	20	138	0	20,086-	20-
13-15	82,616	28,638	35	138	0	28,500-	34-
14-16	169,663	72,867	43	138	0	72,729-	43-
15-17	182,596	149,247	82		0	149,247-	82-
16-18	207,037	239,894	116	1,240	1	238,654-	115-
17-19	99,354	200,822	202	1,240	1	199,582-	201-
FIVE-YEA	R AVERAGE						
15-19	141,101	155,818	110	744	1	155,074-	110-

ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1974	10,031	312	3	E 3 O	0	312-	3-
1975	1,736	274	16 0	539	31	265	15
1976	968		U	645	67	645	67
1977							
1978							
1979	2 405	600	1.0	1 885	F 1	1 1 4 17	2.2
1980	3,497	628	18	1,775	51	1,147	33
1981	326	38	12	244	75	206	63
1982							
1983							
1984	60 500	2.01	-	1 000	0	0.20	4
1985	69,599	391	1	1,229	2	838	1
1986	393	500	0		0	500	0
1987	3,950	590	15		0	590-	15-
1988	0.566		•				
1989	2,566		0		0		0
1990							
1991							
1992							
1993							
1994							
1995							
1996	16 710	2 002	1.0	1.65	-1	2 050	1.0
1997	16,710	3,223	19	165	1	3,058-	18-
1998							
1999							
2000	0 500		0		0		0
2001	2,509		0		0		0
2002							
2003							
2004							
2005	D 140	F 000			0	5 000	
2006	7,143	5,202	73		0	5,202-	73-
2007							
2008	1 1 2 4	C1.1	E 4		0	C1.1	Ε 4
2009	1,134	611	54		0	611-	54-
2010							
2011	6 200	0 0 4 4	0.0		^	2 244	2.5
2012	6,382	2,344	37		0	2,344-	37-
2013	40 155	44 004	100		^	44 004	1.00
2014	40,157	41,334	103		0	41,334-	T03-
2015							

ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL	DOM	SALVAGE	Dam	SALVAGE	Dam
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2016	2,288		0		0		0
2017	13,111	2,692	21		0	2,692-	21-
2018	584	3,061	524		0	3,061-	524-
2019							
TOTAL	183,084	60,700	33	4,597	3	56,103-	31-
THREE-YE	AR MOVING AVERAG	ES					
74-76	4,245	195	5	395	9	199	5
75-77	901	91	10	395	44	303	34
76-78	323		0	215	67	215	67
77-79							
78-80	1,166	209	18	592	51	382	33
79-81	1,274	222	17	673	53	451	35
80-82	1,274	222	17	673	53	451	35
81-83	109	13	12	81	75	69	63
82-84							
83-85	23,200	130	1	410	2	279	1
84-86	23,331	130	1	410	2	279	1
85-87	24,647	327	1	410	2	83	0
86-88	1,448	197	14		0	197-	14-
87-89	2,172	197	9		0	197-	9 –
88-90	855		0		0		0
89-91	855		0		0		0
90-92							
91-93							
92-94							
93-95							
94-96					_		
95-97	5,570	1,074	19	55	1	1,019-	
96-98	5,570	1,074	19	55	1	1,019-	
97-99	5,570	1,074	19	55	1	1,019-	18-
98-00	000				•		
99-01	836		0		0		0
00-02	836		0		0		0
01-03	836		0		0		0
02-04							
03-05	0 201	1 7 7 4	77		0	1 704	7.0
04-06	2,381	1,734	73		0	1,734-	73-
05-07	2,381	1,734	73		0	1,734-	73-
06-08	2,381	1,734	73		0	1,734-	73-

ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT

		COST OF		GROSS	NET	
	REGULAR	REMOVAL		SALVAGE	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}				
07-09	378	204	54	0	204-	54-
08-10	378	204	54	0	204-	54-
09-11	378	204	54	0	204-	54-
10-12	2,127	781	37	0	781-	37-
11-13	2,127	781	37	0	781-	37-
12-14	15,513	14,559	94	0	14,559-	94-
13-15	13,386	13,778	103	0	13,778-	103-
14-16	14,148	13,778	97	0	13,778-	97-
15-17	5,133	897	17	0	897-	17-
16-18	5,328	1,917	36	0	1,917-	36-
17-19	4,565	1,917	42	0	1,917-	42-
FIVE-YEA	R AVERAGE					
15-19	3,197	1,150	36	0	1,150-	36-

ACCOUNT 356 PURIFICATION EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	4,152		0		0		0
1973							
1974	20,827	5,454	26	5,201	25	253-	1-
1975							
1976	5,294	724	14	1,321	25	597	11
1977							
1978	6,173		0		0		0
1979							
1980							
1981							
1982							
1983							
1984							
1985	52,643		0		0		0
1986	759		0		0		0
1987	13,241	7 , 656	58		0	7,656-	58 -
1988							
1989	3,331		0		0		0
1990	14,016		0		0		0
1991	4,736		0		0		0
1992	9,743	8,133	83		0	8,133-	83-
1993	14,757		0		0		0
1994							
1995	149,973	87 , 247	58		0	87,247-	58 -
1996	32,747	3,243	10		0	3,243-	10-
1997							
1998							
1999							
2000	78,203		0		0		0
2001							
2002	59,534	1,767	3		0	1,767-	3 –
2003							
2004	64,917	6,238	10		0	6,238-	10-
2005	010 615	0 460				0.460	
2006	213,645	3,460	2		0	3,460-	2-
2007	6 , 130	3,415	56		0	3,415-	56-
2008	10.000		_		_		_
2009	18,066		0		0	0.7. 440	0
2010	58,123	27,449	47		0	27,449-	47-
2011	22,683	3,183	14		0	3,183-	14-
2012	69,739	56,393	81		0	56,393-	81-
2013	414,543	1,748	0		0	1,748-	0

ACCOUNT 356 PURIFICATION EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	152,763	128,604	84		0	128,604-	84-
2015	32,233	23,010	71		0	23,010-	
2016	34,324		862		0	295,839-	
2017	178 , 700	7,169	4		0	7,169-	4 –
2018	92,209	5,500	6		0	5,500-	6-
2019	11,452	11,220	98		0	11,220-	
TOTAL	1,839,656	687,452	37	6,522	0	680,930-	37-
THREE-YE	CAR MOVING AVERAGE	ES					
72-74	8,326	1,818	22	1,734	21	84-	1-
73-75	6,942	1,818	26	1,734	25	84-	1-
74-76	8,707	2,059	24	2,174	25	115	1
75-77	1,765	241	14	440	25	199	11
76-78	3,822	241	6	440	12	199	5
77-79	2,058		0		0		0
78-80	2,058		0		0		0
79-81							
80-82							
81-83							
82-84							
83-85	17,548		0		0		0
84-86	17,801		0		0		0
85-87	22,214	2,552	11		0	2 , 552-	
86-88	4,667	2,552	55		0	2 , 552-	
87-89	5,524	2,552	46		0	2 , 552-	46-
88-90	5,782		0		0		0
89-91	7,361		0		0		0
90-92	9,498	2,711	29		0	2,711-	29-
91-93	9,745	2,711	28		0	2,711-	
92-94	8,167	2,711	33		0	2,711-	
93-95	54,910	29,082	53		0	29,082-	53-
94-96	60,907	30,163	50		0	30,163-	50 -
95-97	60,907	30,163	50		0	30,163-	50 -
96-98	10,916	1,081	10		0	1,081-	10-
97-99							
98-00	26,068		0		0		0
99-01	26,068		0		0		0
00-02	45,912	589	1		0	589-	1-
01-03	19,845	589	3		0	589-	3 –
02-04	41,484	2,668	6		0	2,668-	6-

ACCOUNT 356 PURIFICATION EQUIPMENT

		COST OF		GROSS	NET	
	REGULAR	REMOVAL		SALVAGE	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S				
03-05	21,639	2,079	10	0	2,079-	10-
04-06	92 , 854	3,233	3	0	3,233-	3 –
05-07	73,258	2,292	3	0	2,292-	3-
06-08	73,258	2,292	3	0	2,292-	3-
07-09	8,065	1,138	14	0	1,138-	14-
08-10	25 , 396	9,150	36	0	9,150-	36-
09-11	32,957	10,211	31	0	10,211-	31-
10-12	50,182	29,008	58	0	29,008-	58 -
11-13	168,988	20,441	12	0	20,441-	12-
12-14	212,348	62,248	29	0	62,248-	29-
13-15	199,846	51,121	26	0	51,121-	26-
14-16	73,107	149,151	204	0	149,151-	204-
15-17	81,752	108,673	133	0	108,673-	133-
16-18	101,744	102,836	101	0	102,836-	101-
17-19	94,121	7,963	8	0	7,963-	8 –
FIVE-YEA	R AVERAGE					
15-19	69,784	68,548	98	0	68,548-	98-

ACCOUNT 357 OTHER EQUIPMENT

VEND	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	D.C.III	GROSS SALVAGE AMOUNT PC'	NET SALVAGE	DOM
YEAR			PCT			PCT
1974	128	45	35		3 45-	35-
1975						
1976						
1977						
1978						
1979	1,108	27	2		27-	2-
1980						
1981	1,736		0	714 4		41
1982	1,772	50	3		50-	3-
1983						
1984	2,300		0)	0
1985	7,519		0)	0
1986	2,993	148	5		148-	5 -
1987						
1988	1,283	43	3		3 43-	3-
1989						
1990						
1991						
1992	10,874		0)	0
1993						
1994						
1995						
1996						
1997						
1998						
1999						
2000	1,384		0)	0
2001					_	
2002	563		0)	0
2003						
2004						
2005						
2006	4,812	20,640	429		20,640-	429-
2007	1.60	0.05	105		2005	105
2008	463		195			195-
2009	11,543	57 , 968	502		57,968-	502-
2010	0 505		0			0
2011	2,705		0)	0
2012	04 770	100	^		100	^
2013	24,779	109	0		109-	0
2014	106,888	11,494	11		1 10,727-	10-
2015	7,067	557	8	3,850 5	3,293	47

ACCOUNT 357 OTHER EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2016	4,876	2-	. 0	352	7	353	7
2017	,						
2018	23,575		0		0		0
2019	6,711	5,814	87		0	5,814-	87-
TOTAL	225,078	97,799	43	5,683	3	92,116-	41-
THREE-YE	AR MOVING AVERAG	ES					
74-76	43	15	35		0	15-	35-
75-77	10	10	00		Ü	10	00
76-78							
77-79	369	9	2		0	9-	2-
78-80	369	9	2		0	9-	2-
79-81	948	9	1	238	25	229	24
80-82	1,169	17	1	238	20	221	19
81-83	1,169	17	1	238	20	221	19
82-84	1,357	17	1		0	17-	1-
83-85	3,273		0		0		0
84-86	4,271	49	1		0	49-	1-
85-87	3,504	49	1		0	49-	1-
86-88	1,425	64	4		0	64-	4 –
87-89	428	14	3		0	14-	3-
88-90	428	14	3		0	14-	3 –
89-91							
90-92	3,625		0		0		0
91-93	3,625		0		0		0
92-94	3,625		0		0		0
93-95							
94-96							
95-97							
96-98							
97-99							
98-00	461		0		0		0
99-01	461		0		0		0
00-02	649		0		0		0
01-03	188		0		0		0
02-04	188		0		0		0
03-05							
04-06	1,604	6,880	429		0	6,880-	
05-07	1,604	6,880	429		0	6,880-	
06-08	1,758	7,182	408		0	7,182-	408-

ACCOUNT 357 OTHER EQUIPMENT

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE.	AR MOVING AVERAGES						
07-09	4,002	19,624	490		0	19,624-	490-
08-10	4,002	19,624	490		0	19,624-	490-
09-11	4,749	19,323	407		0	19,323-	407-
10-12	902		0		0		0
11-13	9,161	36	0		0	36-	0
12-14	43,889	3,868	9	256	1	3,612-	8 –
13-15	46,245	4,054	9	1,539	3	2,514-	5 –
14-16	39,610	4,016	10	1,656	4	2,360-	6-
15-17	3,981	185	5	1,401	35	1,216	31
16-18	9,484	1-	- 0	117	1	118	1
17-19	10,095	1,938	19		0	1,938-	19-
FIVE-YEA	R AVERAGE						
15-19	8,446	1,274	15	840	10	434-	5-

ACCOUNT 367 MAINS

Name		REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
1973 5,796 0 125,200 125,200 125,200 66 3,995 66 1974 6,099 1,275 21 5,270 86 3,995 66 1976 2,564 4,99 19 1,828 71 1,329 52 1977 16,167 4,840 30 0 4,840-30-30 0 4,840-30-662 2 1978 37,472 3,063 8 3,725-10 662 2 1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065-4 4 1987 83,400 37	YEAR	RETIREMENTS		PCT		PCT		PCT
1974	1972	70,393	541	1	127,424	181	126,883	180
1975 1976 2,564 499 19 1,828 71 1,329 52 1977 16,167 4,840 30 0 4,840 30- 1978 37,472 3,063 8 3,725 10 662 2 1979 28,412 2,367 8 0 2,367-8 8 1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,202 141 1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 0 1,043- 4- 1986 17,304 0 0 0 0	1973	5 , 796		0	125,200		125,200	
1976 2,564 4,899 19 1,828 71 1,329 52 1977 16,167 4,840 30 0 4,840 30 1978 37,472 3,063 8 3,725 10 662 2 1979 28,412 2,367 8 0 2,367 8 1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1986 25,785 1,043 4 0 1,043 4 1985 25,785 1,043 4 0 1,043 4 1987 83,400 379,068 455 119,180 143 259,888 312-	1974	6,099	1,275	21	5,270	86	3 , 995	66
1977 16,167 4,840 30 0 4,840-30-1978 37,472 3,063 8 3,725 10 662 2 2 1979 28,412 2,367-8 0 0,2,367-8 1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,676 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065-4-1985 4-1985 25,785 1,043 4 0 0 1,043-4-1986 4-1986 312-1988	1975							
1978 37,472 3,063 8 3,725 10 662 2 1979 28,412 2,367 8 0 2,367 8- 1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 1,043- 4- 1986 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0 0 0 0 0 1990 11,135 0 0 0 0 0 1991 9,540 256 3 0 256- 3- 1992 116,707 0 0 0 0 0 1994 1995 0 0 0 0 0	1976	2,564	499	19	1,828	71	1,329	52
1979 28,412 2,367 8 0 2,367 8-1980 1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 1,043- 4- 1986 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0 0 0 0 0 0 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- 19- <td>1977</td> <td>16,167</td> <td>4,840</td> <td>30</td> <td></td> <td>0</td> <td>4,840-</td> <td>30-</td>	1977	16,167	4,840	30		0	4,840-	30-
1980 10,811 780 7 14,976 139 14,196 131 1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 1,043- 4- 1986 25,785 1,043 4 0 1,043- 4- 1986 133 0 0 0 0 0 1987 83,400 379,068 455 119,180 143 259,888- 312- 1989 17,304 0 0 0 0 0 0 1991 9,540 256 3 0 256- 3- 199 199	1978	37,472	3,063	8	3,725	10	662	2
1981 11,402 2,458 22 5,539 49 3,081 27 1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 1,043- 4- 1986 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0 0 0 0 0 1990 11,135 0 0 0 0 1991 9,540 256 3 0 256- 3- 1992 16,707 0 0 0 0 1994 1994 1996 1997 1998 1999 1997 1998 1999 2000 0 5,693- 72- 2003 2004 7,950 5,693- 72 0 5,693- 72- 2005 2006 8,338 51,392- 616- 0 51,392- 616- 2007 <t< td=""><td>1979</td><td>28,412</td><td>2,367</td><td>8</td><td></td><td>0</td><td>2,367-</td><td>8 –</td></t<>	1979	28,412	2,367	8		0	2,367-	8 –
1982 73,159 2,670 4 91,350 125 88,680 121 1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065-/4- 4- 1985 25,785 1,043 4 0 1,043-/4- 4- 1986 1987 83,400 379,068 455 119,180 143 259,888-/88-/8- 312- 1988 17,304 0 0 0 0 0 1990 11,135 0 0 0 0 0 1991 9,540 256 3 0 256-/3- 3- 1992 116,707 0 0 0 0 0 1993 37,225 0 0 0 0 0 1996 1997 1998 1999 0 0 0 0 0 2000 2001 2002 0 5,693-/72- 0 5,693-/72- 72- 2005 8,338 51,392-/86-/86-/86-/86-/86-/86-/86-/86-/86-/86	1980	10,811	780	7	14,976	139	14,196	131
1983 14,331 256 2 20,476 143 20,220 141 1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 1,043- 4- 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0 0 0 0 0 1990 11,135 0 0 0 0 0 1991 9,540 256 3 0 256- 3- 1992 116,707 0 0 0 0 1994 1993 37,225 0 0 0 0 1995 1996 1997 1998 1999 1998 1998 1998 1999 1998 1998 1999 1998 1998 1998 1998 1998 1998 1998 1998 1998 1998 1998 1998 1998 1998 1998 1999 1998 1998	1981	11,402	2,458	22	5 , 539	49	3,081	27
1984 24,720 1,397 6 332 1 1,065- 4- 1985 25,785 1,043 4 0 1,043- 4- 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0	1982	73 , 159	2 , 670	4	91,350	125	88,680	121
1985 25,785 1,043 4 0 1,043- 4-1986 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0 0 0 0 1990 11,135 0 0 256- 3-1992 116,707 0 0 256- 3-1992 0	1983	14,331	256	2	20,476	143	20,220	141
1986 1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 1989 17,304 0	1984	24,720	1,397	6	332	1	1,065-	4 -
1987 83,400 379,068 455 119,180 143 259,888- 312- 1988 17,304 0 0 0 0 1990 11,135 0 0 256- 3- 1991 9,540 256 3 0 256- 3- 1992 116,707 0 0 0 0 1993 37,225 0 0 0 0 1995 1996 4	1985	25 , 785	1,043	4		0	1,043-	4 -
1988 1989	1986							
1989 17,304 0 0 0 1990 11,135 0 0 0 1991 9,540 256 3 0 256- 3- 1992 116,707 0 0 0 1993 37,225 0 0 0 1994 1995 1996 1997 1998 1999 1998 1999	1987	83,400	379 , 068	455	119,180	143	259 , 888-	312-
1990 11,135 0 0 0 1991 9,540 256 3 0 256- 3- 1992 116,707 0 0 0 0 1993 37,225 0 0 0 0 1994 1995	1988							
1991 9,540 256 3 0 256- 3-1992 116,707 0 0 0 0 1993 37,225 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1989	17,304		0		0		0
1992 116,707 0 0 0 0 1993 37,225 0 0 0 0 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 7,950 5,693 72 0 5,693 72 2005 2006 8,338 51,392 616 0 51,392 616 2007 2008 2009 2009 2009 2009 2009 2000 2001 2002 2003 2004 2004 2005 2006 2006 2007 2008 2007 2008 2009 2009 2009 2009 2009 2009 2009	1990			0		0		0
1993 37,225 0 0 0 0 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 7,950 5,693 72 0 5,693 72 2005 2006 8,338 51,392 616 0 51,392 616-2007 2008 2009 5,662 56,745 0 56,745-2010 6,099 19,918 327 2011 20,300 46,320 228 0 46,320 228-2012 65,830 505,316 768	1991	9,540	256	3		0	256-	3-
1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	1992	116,707		0		0		0
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 7,950 5,693 72 0 5,693 72 0 5,693 72 0 5,693 72 0 5,693 72 0 5,693 72 0 5,693 72 0 5,693 72 0 5,693 72 0 19,918 327 2010 6,099 19,918 327 2011 20,300 46,320 228 2012 65,830 505,316 768	1993	37 , 225		0		0		0
1996 1997 1998 1999 2000 2001 2002 2003 2004	1994							
1997 1998 1999 2000 2001 2002 2003 2004 7,950 5,693 72 0 5,693- 72- 2005 2006 8,338 51,392- 616- 0 51,392- 616- 2007 2008 2009 5,662 56,745- 0 56,745- 2010 6,099 19,918- 327- 327- 2011 20,300 46,320- 228- 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	1995							
1998 1999 2000 2001 2002 2003 2004 7,950 5,693 72 0 72 0 72 0 72 0 72 0 73 0 74 0 75 0 76 0 76 0 76 0 76 0 76 0 76 0 76	1996							
1999 2000 2001 2002 2003 2004 7,950 5,693 72 0 19,918 327 2011 20,300 46,320 228 0 46,320 228 2012 65,830 505,316 768	1997							
2000 2001 2002 2003 2004 7,950 5,693 72 0 5,693- 72- 2005 2006 8,338 51,392- 616- 0 51,392- 616- 2007 2008 56,745- 0 56,745- 2010 6,099 19,918- 327- 0 19,918- 327- 2011 20,300 46,320- 228- 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	1998							
2001 2002 2003 2004 7,950 5,693 72 0 5,693- 72- 2005 2006 8,338 51,392 616 0 51,392- 616- 2007 2008 2009 5,662 56,745- 0 56,745- 2010 6,099 19,918 327- 0 19,918- 327- 2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316- 768 0 505,316- 768-	1999							
2002 2003 2004 7,950 5,693 72 0 5,693- 72- 2005 2006 8,338 51,392 616 0 51,392- 616- 2007 2008 2009 5,662 56,745- 0 56,745- 2010 6,099 19,918 327- 0 19,918- 327- 2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316- 768 0 505,316- 768-	2000							
2003 2004 7,950 5,693 72 0 5,693- 72- 2005 2006 8,338 51,392 616 0 51,392- 616- 2007 2008 2008 56,745- 0 56,745- 2010 6,099 19,918 327- 0 19,918- 327- 2011 20,300 46,320 228- 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	2001							
2004 7,950 5,693 72 0 5,693 72- 2005 2006 8,338 51,392 616 0 51,392- 616- 2007 2008 2009 5,662 56,745- 0 56,745- 2010 6,099 19,918 327- 0 19,918- 327- 2011 20,300 46,320 228- 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	2002							
2005 2006 8,338 51,392 616 0 51,392 616- 2007 2008 2009 5,662 56,745 0 56,745- 2010 6,099 19,918 327 0 19,918- 327- 2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316- 768 0 505,316- 768-	2003							
2006 8,338 51,392 616 0 51,392 616 - 2007 2008 2009 5,662 56,745 0 0 56,745 - 2010 6,099 19,918 327 0 0 19,918 327 - 2011 20,300 46,320 228 0 0 46,320 228 - 2012 65,830 505,316 768 0 0 505,316 768 -	2004	7 , 950	5 , 693	72		0	5 , 693-	72-
2007 2008 2009 5,662 56,745 0 56,745- 2010 6,099 19,918 327 0 19,918- 327- 2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	2005							
2008 2009 5,662 56,745 0 56,745- 2010 6,099 19,918 327 0 19,918- 327- 2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	2006	8,338	51,392	616		0	51,392-	616-
2009 5,662 56,745 0 56,745- 2010 6,099 19,918 327 0 19,918- 327- 2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316 768 0 505,316- 768-	2007							
2010 6,099 19,918 327 0 19,918 327- 2011 20,300 46,320 228 0 46,320 228- 2012 65,830 505,316 768 0 505,316- 768-	2008							
2010 6,099 19,918 327 0 19,918-327- 2011 20,300 46,320 228 0 46,320-228- 2012 65,830 505,316-768 0 505,316-768-	2009	5,662	56 , 745			0	56,745-	
2011 20,300 46,320 228 0 46,320- 228- 2012 65,830 505,316- 768- 0 505,316- 768-	2010	6,099	19,918	327		0		327-
2012 65,830 505,316 768 0 505,316- 768-	2011					0	46,320-	228-
						0		
	2013	8,668	272,808			0	272,808-	

ACCOUNT 367 MAINS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	441,353	187,258	42		0	187,258-	42-
2014	362,789	118,409	33		0	118,409-	
2015	88,991	61,232	69		0	61,232-	
2017	217,700	114,945	53		0	114,945-	
2017	67,506	96,679	143		0	96,679-	
2010	7,840	44,554	568		0	44,554-	
2019	7,040	44,004	300		O	44,554-	300-
TOTAL	1,911,448	1,981,780	104	515,300	27	1,466,480-	77-
THREE-YE	AR MOVING AVERAG	ΞS					
72-74	27,429	605	2	85,965	313	85,359	311
73-75	3,965	425	11	43,490		43,065	
74-76	2,888	591	20	2,366	82	1,775	61
75-77	6,244	1,780	29	609	10	1,170-	
76-78	18,734	2,801	15	1,851	10	950-	5-
77-79	27,350	3,423	13	1,242	5	2,182-	8 –
78-80	25,565	2,070	8	6,234	24	4,164	16
79-81	16,875	1,868	11	6,838	41	4,970	29
80-82	31,791	1,969	6	37,288	117	35,319	111
81-83	32,964	1,795	5	39,122	119	37,327	113
82-84	37,403	1,441	4	37,386	100	35,945	96
83-85	21,612	899	4	6,936	32	6,037	28
84-86	16,835	813	5	111	1	703-	4 –
85-87	36 , 395	126,704	348	39 , 727	109	86,977-	239-
86-88	27 , 800	126,356	455	39 , 727	143	86,629-	
87-89	33,568	126,356	376	39 , 727	118	86,629-	
88-90	9,480	,	0	,	0	,	0
89-91	12,660	85	1		0	85-	1-
90-92	45 , 794	85	0		0	85-	0
91-93	54,491	85	0		0	85-	0
92-94	51,311		0		0		0
93-95	12,408		0		0		0
94-96	,						
95-97							
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04	2,650	1,898	72		0	1,898-	72-

ACCOUNT 367 MAINS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE	NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S				
03-05	2,650	1,898	72	0	1,898-	72-
04-06	5,429	19,028	350	0	19,028-	350-
05-07	2 , 779	17,131	616	0	17,131-	616-
06-08	2,779	17,131	616	0	17,131-	616-
07-09	1,887	18,915		0	18,915-	
08-10	3,921	25,554	652	0	25,554-	652-
09-11	10,687	40,994	384	0	40,994-	384-
10-12	30,743	190,518	620	0	190,518-	620-
11-13	31,599	274,815	870	0	274,815-	870-
12-14	171,950	321,794	187	0	321,794-	187-
13-15	270,937	192,825	71	0	192,825-	71-
14-16	297,711	122,299	41	0	122,299-	41-
15-17	223,160	98,195	44	0	98,195-	44-
16-18	124,732	90,952	73	0	90,952-	73-
17-19	97,682	85,392	87	0	85,392-	87-
FIVE-YEAR	R AVERAGE					
15-19	148,965	87,164	59	0	87,164-	59-

ACCOUNT 375.1 AND 375.2 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PC'	NET SALVAGE I AMOUNT	PCT
1972	245	239	98		239-	98-
1973	558	84	15		3 84-	15-
1974	1,561	724	46		9 576-	
1975	46,819	1,492	3		1,492-	
1976	77,515	1,627	2		1,563-	
1977	,	, -			,	
1978						
1979						
1980	3,262	203	6		203-	6-
1981	439	2,927	667		2,927-	667-
1982	244		0			0
1983						
1984	1,013		0	1)	0
1985	278		0	1)	0
1986						
1987	5,414		0	1)	0
1988						
1989						
1990	990		0)	0
1991	607		0	1)	0
1992	15,943	300	2		300-	2 -
1993	1,314	92	7		92-	7 –
1994	8,959	31	0		31-	0
1995						
1996	230,334	1,590	1	1,703	1 113	0
1997						
1998						
1999						
2000	20,000	11	0		11-	0
2001						
2002	60		0	I)	0
2003						
2004						
2005						
2006	1,254	1,780	142		1,780-	142-
2007						
2008						
2009	27,426	15,607	57		15,607-	57-
2010	4,564	13,833	303		13,833-	
2011	16,951	11,364	67		11,364-	67-
2012	50,216	9,144	18		9,144-	
2013	3,912	2,208	56		2,208-	56-

ACCOUNT 375.1 AND 375.2 STRUCTURES AND IMPROVEMENTS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	27,785	11,730	42		0	11,730-	42-
2015	33,752	33,880		352	1	33,527-	
2016	4,406	781	18		0	781-	
2017							
2018	2,699	5,221	193		0	5,221-	193-
2019	4,961		0		0		0
TOTAL	593,483	114,867	19	2,267	0	112,599-	19-
THREE-YE	AR MOVING AVERAG	ES					
72-74	788	349	44	49	6	300-	38-
73-75	16,313	767	5	49	0	717-	4 –
74-76	41,965	1,281	3	71	0	1,210-	3-
75-77	41,445	1,040	3	21	0	1,018-	2-
76-78	25 , 838	542	2	21	0	521-	2-
77-79							
78-80	1,087	68	6		0	68-	6-
79-81	1,234	1,043	85		0	1,043-	85-
80-82	1,315	1,043	79		0	1,043-	79-
81-83	228	976	429		0	976-	429-
82-84	419		0		0		0
83-85	430		0		0		0
84-86	430		0		0		0
85-87	1,897		0		0		0
86-88	1,805		0		0		0
87-89	1,805		0		0		0
88-90	330		0		0		0
89-91	532		0		0		0
90-92	5 , 847	100	2		0	100-	2-
91-93	5 , 955	131	2		0	131-	2-
92-94	8,739	141	2		0	141-	2-
93-95	3,424	41	1		0	41-	1-
94-96	79 , 764	540	1	568	1	27	0
95-97	76 , 778	530	1	568	1	38	0
96-98	76 , 778	530	1	568	1	38	0
97-99							
98-00	6 , 667	4	0		0	4 –	0
99-01	6,667	4	0		0	4 –	0
00-02	6 , 687	4	0		0	4 –	0
01-03	20		0		0		0
02-04	20		0		0		0

ACCOUNT 375.1 AND 375.2 STRUCTURES AND IMPROVEMENTS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	S					
03-05							
04-06	418	593	142		0	593-	142-
05-07	418	593	142		0	593-	142-
06-08	418	593	142		0	593-	142-
07-09	9,142	5,202	57		0	5,202-	57 -
08-10	10,664	9,813	92		0	9,813-	92-
09-11	16,314	13,601	83		0	13,601-	83-
10-12	23,911	11,447	48		0	11,447-	48-
11-13	23,693	7,572	32		0	7,572-	32-
12-14	27,304	7,694	28		0	7,694-	28-
13-15	21,816	15,939	73	117	1	15,822-	73-
14-16	21,981	15,463	70	117	1	15,346-	70-
15-17	12,719	11,553	91	117	1	11,436-	90-
16-18	2,368	2,001	84		0	2,001-	84-
17-19	2,553	1,740	68		0	1,740-	68-
FIVE-YEAD	R AVERAGE						
15-19	9,164	7,976	87	70	1	7,906-	86-

ACCOUNT 376 MAINS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	223,283	25,044	11	39,933	18	14,889	7
1973	162,350	21,895	13	75 , 042	46	53,147	33
1974	144,028	26,994	19	23,989	17	3,005-	2-
1975	138,953	22,909	16	4,531	3	18,378-	13-
1976	91,341	18,218	20	23,825	26	5 , 607	6
1977	105,087	32,446	31	21,068	20	11,378-	11-
1978	65,545	20,241	31	11,876	18	8,365-	13-
1979	172,699	23,406	14	19,432	11	3,974-	2-
1980	135,991	43,385	32	20,734	15	22,651-	17-
1981	159,297	31,184	20	29,060	18	2,124-	1-
1982	217,806	52 , 589	24	7,099	3	45,490-	21-
1983	160,778	60,227	37	22,011	14	38,216-	24-
1984	200,202	60,047	30	8,647	4	51,400-	26-
1985	303,208	72,459	24	6 , 570	2	65,889-	22-
1986	462,023	102,260	22	68 , 078	15	34,182-	7 –
1987	293,096	101,079	34	17,159	6	83,920-	29-
1988	165,500	67 , 975	41	64,453	39	3,522-	2-
1989	189,730	47,979	25	7,688	4	40,291-	21-
1990	150,123	31,737	21	35,044	23	3,307	2
1991	263,641	72,648	28	2,406	1	70,242-	27-
1992	209,976	33,259	16	9,862	5	23,397-	11-
1993	268,410	19,088	7	386	0	18,702-	7 –
1994	144,869	8,102	6	10,790	7	2,688	2
1995	195,058	128,094	66	33,329	17	94,765-	49-
1996	389,237	116,786	30	8,109	2	108,677-	28-
1997	124,701	17,221	14	2,071	2	15,150-	12-
1998	520,442	74,074	14	475	0	73 , 599-	14-
1999	3,685,503	778 , 706	21		0	778,706-	21-
2000	448,171	520,718	116	46,252	10	474,466-	106-
2001	206,172	51,153	25	13,136	6	38,017-	18-
2002	749,343	268 , 857	36	4,095	1	264,762-	35-
2003	509,410	236,891	47	1,303	0	235,588-	46-
2004	153,466	234,478	153	5 , 948	4	228,530-	149-
2005							
2006	123,038	254,317	207		0	254,317-	207-
2007	1,556,298	47,296	3	4,646	0	42,649-	3-
2008		981,404		462		980,942-	
2009	1,045,646	380,863	36		0	380,863-	36-
2010	494,167	54,868	11		0	54,868-	11-
2011	274,128	772,182	282		0	772,182-	282-
2012	2,570,160	657 , 090	26		0	657,090-	26-
2013	2,785,051	367,886	13		0	367,886-	13-

ACCOUNT 376 MAINS

YEAR REGULAR REMOVNT PCT SALVAGE SALVAGE 2014 3,106,365 560,838 18 0 560,838 18 2015 291,983 225,729 77 0 225,729 77 2016 309,953 418,531 135 0 418,531 135- 2017 1,280,572 59,850 5 0 753,130- 254- 2018 296,504 753,130 254 0 753,130- 254- 2019 138,989 1,574,634 4 649,509 3 9,881,256- 38- TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256- 38- TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256- 38- TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256- 38- TOTAL 176,554 24,644 14			COST OF		GROSS		NET	
2014 3,106,365 560,838 18 0 560,838-18- 2015 291,983 225,729 77 0 225,729-77- 2016 309,953 418,531 135 0 418,531-135- 2017 1,280,572 59,850 5 0 59,850-5- 2018 296,504 753,130-254 0 753,130-254- 2019 138,989 1,574,634 0 1,574,634- TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256-38- THREE-YEAR MOVING AVERAGES THATE-YEAR MOVING AVERAGES THATE-YEAR MOVING AVERAGES THATE-YEAR MOVING AVERAGES TOTAL 25,682,293 10,530,766 41 46,321 26 21,677 12 73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,488 14 5,259-4- 75-77 111,794 24,524 22 16,475 15 8,050-7- 76-78 87,324 23,635 27 18,923 22 4,712-5- 77-79 114,444 25,364 22 17,459 15 7,906-7- 78-80 124,745 29,011 23 17,347 14 11,663-9- 79-81 155,996 32,658 21 23,075 15 9,583-6- 80-82 171,031 42,386 25 18,964 11 23,422-14- 81-83 179,294 43,000 27 19,390 11 28,610-16- 82-84 192,299 57,621 30 12,586 7 45,035-23- 83-85 221,396 64,244 29 12,409 6 51,835-23- 83-85 221,396 64,244 29 12,409 6 51,835-23- 83-85 321,811 78,255 24 27,765 9 50,490-16- 82-84 392,929 57,621 30 12,586 7 45,035-23- 83-85 321,811 78,255 24 27,765 9 50,490-16- 85-87 352,776 91,933 26 30,602 9 61,330-17- 86-88 306,873 90,438 29 49,897 16 40,541-13- 87-89 166,109 72,344 33 29,767 14 42,578-20- 88-90 168,451 49,230 29 35,728 21 13,502-8 89-91 201,165 50,788 25 15,046 7 35,742-18- 90-92 207,913 45,881 22 15,771 8 30,111- 14- 91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137-6 93-95 202,779 51,761 26 14,835 7 36,926-18- 94-96 243,055 84,327 35 17,409 7 66,918-28- 95-97 236,332 87,367 37 14,503 6 72,864 31- 96-98 344,793 69,360 20 3,552 1 65,809-19- 97-99 1,445,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 00-02 467,895 280,243 60 21,161 5 259,082- 57- 00-02 467,895 280,243 60 21,161 5 259,082- 57-		REGULAR	REMOVAL				SALVAGE	
2015 291,983 225,729 77 2016 309,953 418,531 135 0 418,531 135 2017 1,280,572 59,850 5 0 59,850 5 2018 296,504 753,130 254 0 753,130 254 2019 138,989 1,574,634 0 1,574,634 TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256-38- THREE-YEAR MOVING AVERAGES THAT 176,554 24,644 14 46,321 26 21,677 12 73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,448 14 5,259-475-77 111,794 24,524 22 16,475 15 8,050-776-78 87,324 23,635 27 18,923 22 4,712-577-79 114,444 25,364 22 17,459 15 7,906-778-80 124,745 29,011 23 17,347 14 11,663-979-81 155,996 32,658 21 23,075 15 9,583-6-80-82 171,031 42,386 25 18,964 11 23,422-14-81-81-81-81 179,294 48,000 27 19,390 11 28,610-16-82-84 192,929 57,621 30 12,586 7 45,035-23-83-85 221,396 64,244 29 12,409 6 51,835-23-83-85 221,396 64,244 29 12,40	YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2016 309,953 418,531 135 0 59,850 5 2017 1,280,572 59,850 5 0 59,850 5 2018 296,504 753,130 254 0 1,574,634 TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256 38- THREE-YEAR MOVING AVERAGES 72-74 176,554 24,644 14 46,321 26 21,677 12 73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,448 14 5,259 4- 75-77 111,794 24,524 22 16,475 15 8,050 7- 76-78 87,324 23,635 27 18,923 22 4,712 5- 77-79 114,444 25,364 22 17,459 15 7,906 7- 78-80 124,745 29,011 23 17,347 14 11,663 9- 79-81 155,996 32,658 21 23,075 15 9,583 6 80-82 171,031 42,366 25 18,964 11 23,422 14- 81-83 179,294 48,000 27 19,390 11 28,610 16- 82-84 192,929 57,621 30 12,586 7 45,035 23- 84-86 321,811 78,255 24 27,765 9 50,490 16- 82-84 192,929 57,621 30 12,586 7 45,035 23- 84-86 321,811 78,255 24 27,765 9 50,490 16- 85-87 352,776 91,933 26 30,602 9 61,330 17- 86-88 306,873 90,438 29 49,897 16 40,541 13- 87-89 216,109 72,344 33 29,767 14 42,578 20- 88-90 168,451 49,230 29 35,728 21 13,502 8- 89-91 201,165 50,788 25 15,046 7 35,742 18- 90-92 207,913 45,881 22 15,771 8 30,111 14- 91-93 247,342 41,665 17 4,218 2 37,447 15- 92-94 207,752 20,150 10 7,013 3 13,137 6- 93-95 202,779 51,761 26 14,835 7 36,926 18- 94-96 243,055 84,327 35 17,409 7 66,918 28- 95-97 236,332 87,367 37 14,503 6 72,864 31- 96-98 344,793 69,360 20 3,552 1 65,809 19- 97-99 1,443,549 290,000 20 849 0 289,152 20- 98-00 1,551,372 457,833 30 15,576 1 442,257 29- 99-01 1,446,615 450,192 31 19,796 1 430,396 30- 00-02 467,895 280,243 80 21,161 5 259,082 55- 01-03 488,308 185,644 38 6,178 1 179,456 37-	2014	3,106,365	560,838	18		0		18-
2017 1,280,572 59,850 5 0 59,850 5 2018 296,504 753,130 254 0 753,130 254 2019 138,989 1,574,634 0 1,574,634	2015		225,729	77		0	225,729-	77-
2018	2016	309,953	418,531	135		0	418,531-	135-
TOTAL 25,682,293 10,530,766 41 649,509 3 9,881,256- 38- THREE-YEAR MOVING AVERAGES 72-74 176,554 24,644 14 46,321 26 21,677 12 73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,448 14 5,259- 4- 75-77 111,794 24,524 22 16,475 15 8,050- 7- 76-78 87,324 23,635 27 18,923 22 4,712- 5- 77-79 114,444 25,364 22 17,459 15 7,906- 7- 78-80 124,745 29,011 23 17,347 14 11,663- 9- 79-81 155,996 32,658 21 23,075 15 9,583- 6- 80-82 171,031 42,886 25 18,964 11 23,422- 14- 81-83 179,294 48,000 27 19,390 11 28,610- 16- 82-84 192,929 57,621 30 12,586 7 45,035- 23- 83-85 221,396 64,244 29 12,409 6 51,835- 23- 84-86 321,811 78,255 24 27,765 9 50,490- 16- 85-87 352,776 91,933 26 30,602 9 61,330- 17- 86-88 306,873 90,438 29 49,897 16 40,541- 13- 87-89 216,109 72,344 33 29,767 14 42,578- 20- 88-90 168,451 49,230 29 35,728 21 13,502- 8- 89-91 201,165 50,788 25 15,046 7 35,742- 18- 90-92 207,913 45,881 22 15,771 8 30,111- 14- 91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-901 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	2017	1,280,572	59,850	5		0	59 , 850-	5-
THREE-YEAR MOVING AVERAGES 72-74	2018	296,504	753,130	254		0	753,130-	254-
THREE-YEAR MOVING AVERAGES 72-74	2019	138,989	1,574,634			0	1,574,634-	
72-74 176,554 24,644 14 46,321 26 21,677 12 73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,448 14 5,259- 4- 75-77 111,794 24,524 22 16,475 15 8,050- 7- 76-78 87,324 23,635 27 18,923 22 4,712- 5- 77-79 114,444 25,364 22 17,459 15 7,906- 7- 78-80 124,745 29,011 23 17,347 14 11,663- 9- 79-81 155,996 32,658 21 23,075 15 9,583- 6- 80-82 171,031 42,386 25 18,964 11 23,422- 14- 81-83 179,294 48,000 27 19,390 11 28,610- 16- 82-84 192,929	TOTAL	25,682,293	10,530,766	41	649,509	3	9,881,256-	38-
73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,448 14 5,259-//67 4- 75-77 111,794 24,524 22 16,475 15 8,050-//67 7- 76-78 87,324 23,635 27 18,923 22 4,712-//67 5- 77-79 114,444 25,364 22 17,459 15 7,906-//67 7- 78-80 124,745 29,011 23 17,347 14 11,663-//63 9- 79-81 155,996 32,658 21 23,075 15 9,583-//63 6- 80-82 171,031 42,386 25 18,964 11 23,422-//64-//68 16- 81-83 179,294 48,000 27 19,390 11 28,610-//60-//63 16- 82-84 192,929 57,621 30 12,586 7 45,035-//63 23-	THREE-YE	CAR MOVING AVERAG	GES					
73-75 148,444 23,933 16 34,521 23 10,588 7 74-76 124,774 22,707 18 17,448 14 5,259-//67 4- 75-77 111,794 24,524 22 16,475 15 8,050-//67 7- 76-78 87,324 23,635 27 18,923 22 4,712-//67 5- 77-79 114,444 25,364 22 17,459 15 7,906-//67 7- 78-80 124,745 29,011 23 17,347 14 11,663-//63 9- 79-81 155,996 32,658 21 23,075 15 9,583-//63 6- 80-82 171,031 42,386 25 18,964 11 23,422-//64-//68 16- 81-83 179,294 48,000 27 19,390 11 28,610-//60-//63 16- 82-84 192,929 57,621 30 12,586 7 45,035-//63 23-	72-74	176,554	24,644	14	46,321	26	21,677	12
74-76 124,774 22,707 18 17,448 14 5,259- 4-75-77 75-77 111,794 24,524 22 16,475 15 8,050- 7-76-78 87,324 23,635 27 18,923 22 4,712- 5-77-79 114,444 25,364 22 17,459 15 7,906- 7-78-80 124,745 29,011 23 17,347 14 11,663- 9-79-81 155,996 32,658 21 23,075 15 9,583- 6-80-82 171,031 42,386 25 18,964 11 23,422- 14-81-83 179,294 48,000 27 19,390 11 28,610- 16-82-84 192,929 57,621 30 12,586 7 45,035- 23-83-85 221,396 64,244 29 12,409 6 51,835- 23-84-86 321,811 78,255 24 27,765 9 50,490- 16-85-87 352,776 91,933 26 30,602 9 61,330- 17-86-88 306,87								
75-77 111,794 24,524 22 16,475 15 8,050- 7-76-78 87,324 23,635 27 18,923 22 4,712- 5-77-79 114,444 25,364 22 17,459 15 7,906- 7-78-80 124,745 29,011 23 17,347 14 11,663- 9-79-81 155,996 32,658 21 23,075 15 9,583- 6-80-82 171,031 42,386 25 18,964 11 23,422- 14-81-83 179,294 48,000 27 19,390 11 28,610- 16-82-84 192,929 57,621 30 12,586 7 45,035- 23-83-85 221,396 64,244 29 12,409 6 51,835- 23-83-85 221,396 64,244 29 12,409 6 51,835- 23-83-85 221,396 64,244 29 12,409 6 51,835- 23-83-85 221,396 64,244 29 12,409 6 51,835- 23-84-86 321,811 78,255 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4 –</td></t<>								4 –
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84-86 321,811 78,255 24 27,765 9 50,490- 16- 85-87 352,776 91,933 26 30,602 9 61,330- 17- 86-88 306,873 90,438 29 49,897 16 40,541- 13- 87-89 216,109 72,344 33 29,767 14 42,578- 20- 88-90 168,451 49,230 29 35,728 21 13,502- 8- 89-91 201,165 50,788 25 15,046 7 35,742- 18- 90-92 207,913 45,881 22 15,771 8 30,111- 14- 91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 95-97 236,332 87,367 37 14,503 6 72,864- 31-	82-84	192,929	57,621	30	12,586	7	45,035-	23-
84-86 321,811 78,255 24 27,765 9 50,490- 16- 85-87 352,776 91,933 26 30,602 9 61,330- 17- 86-88 306,873 90,438 29 49,897 16 40,541- 13- 87-89 216,109 72,344 33 29,767 14 42,578- 20- 88-90 168,451 49,230 29 35,728 21 13,502- 8- 89-91 201,165 50,788 25 15,046 7 35,742- 18- 90-92 207,913 45,881 22 15,771 8 30,111- 14- 91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 95-97 236,332 87,367 37 14,503 6 72,864- 31-	83-85					6	51,835-	23-
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89-91 201,165 50,788 25 15,046 7 35,742- 18- 90-92 207,913 45,881 22 15,771 8 30,111- 14- 91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634	87-89	216,109	72,344	33	29,767	14	42,578-	20-
90-92 207,913 45,881 22 15,771 8 30,111- 14- 91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	88-90	168,451	49,230	29	35 , 728	21	13,502-	8 –
91-93 247,342 41,665 17 4,218 2 37,447- 15- 92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	89-91	201,165	50,788	25	15,046	7	35,742-	18-
92-94 207,752 20,150 10 7,013 3 13,137- 6- 93-95 202,779 51,761 26 14,835 7 36,926- 18- 94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	90-92	207,913	45 , 881	22	15 , 771	8	30,111-	14-
93-95 202,779 51,761 26 14,835 7 36,926- 18- 94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	91-93	247,342	41,665	17	4,218	2	37,447-	15-
94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	92-94	207,752	20,150	10	7,013	3	13,137-	6-
94-96 243,055 84,327 35 17,409 7 66,918- 28- 95-97 236,332 87,367 37 14,503 6 72,864- 31- 96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	93-95	202,779	51,761	26	14,835	7	36,926-	18-
96-98 344,793 69,360 20 3,552 1 65,809- 19- 97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	94-96			35		7		28-
97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	95-97	236,332	87,367	37	14,503	6	72,864-	31-
97-99 1,443,549 290,000 20 849 0 289,152- 20- 98-00 1,551,372 457,833 30 15,576 1 442,257- 29- 99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	96-98	344,793	69,360	20	3 , 552	1	65,809-	19-
99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	97-99	1,443,549	290,000	20	849	0	289,152-	20-
99-01 1,446,615 450,192 31 19,796 1 430,396- 30- 00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	98-00	1,551,372	457,833	30	15,576	1	442,257-	29-
00-02 467,895 280,243 60 21,161 5 259,082- 55- 01-03 488,308 185,634 38 6,178 1 179,456- 37-	99-01						430,396-	30-
01-03 488,308 185,634 38 6,178 1 179,456- 37-	00-02	467,895	280,243	60	21,161	5	259,082-	55-
02-04 470,740 246,742 52 3,782 1 242,960- 52-	01-03	488,308	185,634	38	6,178	1	179,456-	37-
	02-04	470,740				1		

ACCOUNT 376 MAINS

MELD	REGULAR	COST OF REMOVAL	D.O.E.	GROSS SALVAGE	DOF	NET SALVAGE	DOM
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	220,959	157,123	71	2,417	1	154 , 706-	70-
04-06	92,168	162,932	177	1,983	2	160,949-	175-
05-07	559 , 779	100,538	18	1,549	0	98,989-	18-
06-08	559 , 779	427,672	76	1,703	0	425,969-	76-
07-09	867,315	469,854	54	1,703	0	468,151-	54-
08-10	513,271	472,378	92	154	0	472,224-	92-
09-11	604,647	402,637	67		0	402,637-	67-
10-12	1,112,818	494,713	44		0	494,713-	44-
11-13	1,876,446	599,052	32		0	599 , 052-	32-
12-14	2,820,525	528,604	19		0	528,604-	19-
13-15	2,061,133	384,817	19		0	384,817-	19-
14-16	1,236,100	401,699	32		0	401,699-	32-
15-17	627 , 503	234,703	37		0	234,703-	37-
16-18	629,010	410,504	65		0	410,504-	65-
17-19	572 , 022	795 , 871	139		0	795 , 871-	139-
FIVE-YEA	R AVERAGE						
15-19	463,600	606,375	131		0	606,375-	131-

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	36 , 875	5,561	15	4,126	11	1,435-	4 -
1973	8,012	1,669	21	1,020	13	649-	8 –
1974	41,552	15 , 892	38	3,865	9	12,027-	29-
1975	10,607	2,740	26	4,295	40	1,555	15
1976	9,214	1,634	18	3,799	41	2,165	23
1977	33,330	7,823	23	7,549	23	274-	1-
1978	5 , 376	1,615	30	907	17	708-	13-
1979	9,959	2,994	30	1,305	13	1,689-	17-
1980	7 , 907	3 , 605	46	7,922	100	4,317	55
1981	10,293	1,381	13	7,071	69	5 , 690	55
1982	13,359	3 , 072	23	12,040	90	8,968	67
1983	14,163	5,284	37	2,945	21	2,339-	17-
1984	21,073	2,210	10	9,862	47	7,652	36
1985	3,117	1,355	43	1,982	64	627	20
1986	31,769	7,144	22	8,184	26	1,040	3
1987	1,457	1,214	83		0	1,214-	83-
1988	11,121	1,391	13	1,142	10	249-	2-
1989	10,828	1,829	17	403	4	1,426-	13-
1990	12,149	3,090	25	2,276	19	814-	7 –
1991	12,634	843	7		0	843-	7 –
1992	130,889	5,761	4		0	5,761-	4 -
1993	27,466	3,182	12		0	3,182-	12-
1994	4,488	12,749	284		0	12,749-	284-
1995	13,973	11,039	79	5,469	39	5 , 570-	40-
1996	12,427	86	1	92	1	6	0
1997	22,261	3,074	14	370	2	2,704-	12-
1998	13,787	1,962	14	13	0	1,949-	14-
1999							
2000	73,203	89	0		0	89-	0
2001	5,849		0		0		0
2002	8,998		0		0		0
2003	2,957		0		0		0
2004	74,549	19,059	26		0	19,059-	26-
2005							
2006	627,150	46,990	7		0	46,990-	7 –
2007	10,455	1,941	19		0	1,941-	19-
2008	13,377	2,308	17		0	2,308-	17-
2009	88,463	27,657	31		0	27,657-	31-
2010	98,140	27,829	28		0	27,829-	28-
2011	53 , 303	95 , 653	179		0		179-
2012	62,102	145,226	234		0	145,226-	234-
2013	1,838,098	2,144	0		0	2,144-	0

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
		1110 0111		1110 0111		1110 0111	
2014	1,766		0		0		0
2015	68,553	29,991	44		0	29,991-	
2016	87,473	21,865	25	9	0	21,856-	
2017	9,431	25,403	269		0	25,403-	
2018	331,392	526,666	159		0	526,666-	
2019	118,695	432,262	364		0	432,262-	364-
TOTAL	4,104,041	1,515,281	37	86,646	2	1,428,635-	35-
THREE-YE	AR MOVING AVERAGE	ES					
72-74	28,813	7,707	27	3,004	10	4,704-	16-
73-75	20,057	6,767	34	3,060	15	3,707-	18-
74-76	20,458	6 , 755	33	3,986	19	2,769-	14-
75-77	17,717	4,066	23	5,214	29	1,149	6
76-78	15 , 973	3,691	23	4,085	26	394	2
77-79	16,222	4,144	26	3,254	20	890-	5-
78-80	7,747	2,738	35	3 , 378	44	640	8
79-81	9,386	2,660	28	5,433	58	2,773	30
80-82	10,520	2,686	26	9,011	86	6 , 325	60
81-83	12,605	3,246	26	7 , 352	58	4,106	33
82-84	16,198	3,522	22	8,282	51	4,760	29
83-85	12,784	2,950	23	4,930	39	1,980	15
84-86	18,653	3,570	19	6,676	36	3,106	17
85-87	12,114	3,238	27	3,389	28	151	1
86-88	14,782	3,250	22	3,109	21	141-	1-
87-89	7,802	1,478	19	515	7	963-	12-
88-90	11,366	2,103	19	1,274	11	830-	7 –
89-91	11,870	1,921	16	893	8	1,028-	9 –
90-92	51,891	3,231	6	759	1	2,473-	5 -
91-93	56,996	3,262	6		0	3,262-	6-
92-94	54,281	7,231	13		0	7,231-	13-
93-95	15,309	8,990	59	1,823	12	7,167-	47-
94-96	10,296	7,958	77	1,854	18	6,104-	59 -
95-97	16,220	4,733	29	1,977	12	2 , 756-	17-
96-98	16,158	1,707	11	158	1	1,549-	10-
97-99	12,016	1,679	14	128	1	1,551-	13-
98-00	28 , 997	684	2	4	0	679-	2-
99-01	26,351	30	0		0	30-	0
00-02	29,350	30	0		0	30-	0
01-03	5,935		0		0		0
02-04	28,835	6,353	22		0	6,353-	22-

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGI	3	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	25 , 835	6 , 353	25		0	6,353-	25-
04-06	233,900	22,016	9		0	22,016-	9-
05-07	212,535	16,310	8		0	16,310-	8 –
06-08	216,994	17,080	8		0	17,080-	8 –
07-09	37,432	10,635	28		0	10,635-	28-
08-10	66,660	19,265	29		0	19,265-	29-
09-11	79 , 969	50,380	63		0	50,380-	63-
10-12	71,182	89 , 569	126		0	89 , 569-	126-
11-13	651,168	81,008	12		0	81,008-	12-
12-14	633 , 989	49,123	8		0	49,123-	8 –
13-15	636,139	10,712	2		0	10,712-	2-
14-16	52 , 597	17,285	33	3	0	17,282-	33-
15-17	55 , 152	25 , 753	47	3	0	25 , 750-	47-
16-18	142,765	191,311	134	3	0	191,308-	134-
17-19	153,173	328,110	214		0	328,110-	214-
FIVE-YEA	R AVERAGE						
15-19	123,109	207,237	168	2	0	207,235-	168-

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1972	19,060	1,627	9	1,961	10	334	2
1973	2,561	161	6	716	28	555	22
1974	146	26	18		0	26-	18-
1975	409	76	19		0	76-	19-
1976							
1977	1,523	38	2		0	38-	2-
1978							
1979	467	510	109	1,020	218	510	109
1980	2,698	389	14		0	389-	14-
1981	8,600	61	1	981	11	920	11
1982	10,165	2,437	24	1,891	19	546-	5-
1983	2,530	209	8		0	209-	8 –
1984	924	210	23	1,011	109	801	87
1985	1,766	49	3		0	49-	3-
1986	6 , 457	285	4	4,402	68	4,117	64
1987	5,341	99	2	3,452	65	3,353	63
1988	22,533		0		0		0
1989							
1990	41,822		0		0		0
1991	38,238		0		0		0
1992	78 , 537		0	2,330	3	2,330	3
1993							
1994	25 , 570		0		0		0
1995	245	193	79	96	39	97-	40-
1996	689	5	1	5	1		0
1997							
1998	6,061	863	14	6	0	857-	14-
1999							
2000	5,828		0		0		0
2001							
2002							
2003	83,859		0		0		0
2004	57 , 724	53 , 867	93		0	53,867-	93-
2005							
2006	10,470	24,385	233		0	24,385-	233-
2007	19,580	6 , 627	34		0	6,627-	34-
2008	9,891	236	2		0	236-	2-
2009	7,012	2,227	32		0	2,227-	32-
2010	37,749	12,902	34		0	12,902-	34-
2011	59,021	14,154	24		0	14,154-	24-
2012	103,132	59,054	57		0	59,054-	57-
2013	277 , 751	44,862	16		0	44,862-	16-

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

2014	YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2015 386,646 335,769 87 3,085 1 332,684 86- 2016 24,884 47,162 190 0 47,162 190- 2017 324,494 89,852 28 0 89,852 28- 2018 55,382 21,301 38 0 21,301 38- 2019 3,904 16,000 410 0 0 16,000 410- TOTAL 1,791,085 767,952 43 20,956 1 746,996 42- THREE-YEAR MOVING AVERAGES	2014	47.418	32,317	68		0	32.317-	68-
2016					3.085			
2017 324,494 89,852 28 0 89,852 28 2018 55,382 21,301 38 0 21,301 38 2019 3,904 16,000 410 0 16,000 410 16,000 16,000 410 16,000 16,000 16,000 410 16,000					3,000			
2018 55,382 21,301 38 0 21,301 38 2019 3,904 16,000 410 0 16,000 410 16,000 410 0 16,000 410 16,000								
2019 3,904 16,000 410 0 16,000- 410- TOTAL 1,791,085 767,952 43 20,956 1 746,996- 42- THREE-YEAR MOVING AVERAGES 72-74 7,256 605 8 892 12 288 4 73-75 1,039 88 8 239 23 151 15 74-76 185 34 18 0 34- 18- 75-77 644 38 6 0 38- 6- 76-78 508 13 2 0 13- 2- 77-79 663 183 28 340 51 157 24 78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5- 0 <								
THREE-YEAR MOVING AVERAGES 72-74								
THREE-YEAR MOVING AVERAGES 72-74	2019	3, 904	10,000	410		O	10,000-	410-
72-74 7,256 605 8 892 12 288 4 73-75 1,039 88 8 239 23 151 15 74-76 185 34 18 0 34-18-75-77 644 38 6 0 38-6-76-78 6508 13 2 0 13-2-77-79 663 183 28 340 51 157 24 78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5- 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3	TOTAL	1,791,085	767 , 952	43	20,956	1	746,996-	42-
73-75 1,039 88 8 239 23 151 15 74-76 185 34 18 0 34- 18- 75-77 644 38 6 0 38- 6- 76-78 508 13 2 0 13- 2- 77-79 663 183 28 340 51 157 24 78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5- 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3,049	THREE-YE	AR MOVING AVERAGE	ES					
74-76 185 34 18 0 34-18-18-18-18-18-18-18-18-18-18-18-18-18-	72-74	7,256	605	8	892	12	288	4
74-76 185 34 18 0 34-18-18-18-18-18-18-18-18-18-18-18-18-18-	73-75		88	8	239	23		15
75-77 644 38 6 0 38-6-76-78 508 13 2 0 13-2-77-79 663 183 28 340 51 157 24 78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5- 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3,049 181 6 1,804 59 1,623 53 85-87 4,521 144 3 2,618 58 2,474 55 86-88 11,444 128 1 2,618 23			34	18		0	34-	18-
76-78 508 13 2 0 13-2-77-79 2-77-79 663 183 28 340 51 157 24 78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5-0 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3,049 181 6 1,804 59 1,623 53 85-87 4,521 144 3 2,618 58 2,474 55 86-88 11,444 128 1 2,618 23 2,490 22 87-89		644	38	6		0	38-	6-
77-79 663 183 28 340 51 157 24 78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 55 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3,049 181 6 1,804 59 1,623 53 85-87 4,521 144 3 2,618 58 2,474 55 86-88 11,444 128 1 2,618 23 2,490 22 87-89 9,291 33 0 1,151 12 1,118						0		
78-80 1,055 300 28 340 32 40 4 79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5- 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3,049 181 6 1,804 59 1,623 53 85-87 4,521 144 3 2,618 58 2,474 55 86-88 11,444 128 1 2,618 23 2,490 22 87-89 9,291 33 0 1,151 12 1,118 12 88-90 21,452 0 0 0 0 0					340	51		24
79-81 3,922 320 8 667 17 347 9 80-82 7,154 962 13 957 13 5- 0 81-83 7,098 902 13 957 13 55 1 82-84 4,540 952 21 967 21 15 0 83-85 1,740 156 9 337 19 181 10 84-86 3,049 181 6 1,804 59 1,623 53 85-87 4,521 144 3 2,618 58 2,474 55 86-88 11,444 128 1 2,618 23 2,490 22 87-89 9,291 33 0 1,151 12 1,118 12 88-90 21,452 0 0 0 0 0 89-91 26,687 0 777 1 777 1 91								
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01-03 27,953 0 0								
	02-04	47,194	17,956	38		0	17,956-	38-

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	47,194	17,956	38		0	17,956-	38-
04-06	22,731	26,084	115		0	26,084-	115-
05-07	10,016	10,337	103		0	10,337-	103-
06-08	13,314	10,416	78		0	10,416-	78-
07-09	12,161	3,030	25		0	3,030-	25-
08-10	18,217	5,122	28		0	5,122-	28-
09-11	34,594	9,761	28		0	9,761-	28-
10-12	66,634	28,703	43		0	28,703-	43-
11-13	146,635	39,356	27		0	39,356-	27-
12-14	142,767	45,411	32		0	45,411-	32-
13-15	237,271	137,649	58	1,028	0	136,621-	58-
14-16	152,982	138,416	90	1,028	1	137,388-	90-
15-17	245,341	157,594	64	1,028	0	156,566-	64-
16-18	134,920	52 , 772	39		0	52 , 772-	39-
17-19	127,927	42,385	33		0	42,385-	33-
FIVE-YEA	R AVERAGE						
15-19	159,062	102,017	64	617	0	101,400-	64-

ACCOUNT 380 SERVICES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	115,449	99,696	86	172	0	99,524-	86-
1973	95,115	97 , 882	103	1,058	1	96,824-	102-
1974	165,383	166,143	100	448	0	165,695-	100-
1975	132,279	183,148	138	332	0	182,816-	138-
1976	139,235	184,674	133		0	184,674-	133-
1977	124,246	192,113	155		0	192,113-	155-
1978	108,052	204,967	190		0	204,967-	190-
1979	117,239	197,632	169		0	197,632-	169-
1980	118,701	165,368	139		0	165,368-	139-
1981	101,867	200,370	197		0	200,370-	197-
1982	118,377	262,552	222		0	262,552-	222-
1983	209,034	336,324	161		0	336,324-	161-
1984	223,005	319,862	143	264	0	319,598-	143-
1985	348,062	407,654	117	792-	0	408,446-	117-
1986	230,064	289,929	126		0	289,929-	126-
1987	281,537	318,085	113		0	318,085-	113-
1988	247,152	505,594	205	16-	0	505,610-	205-
1989	481,388	520,680	108	71	0	520,609-	108-
1990	442,828	549 , 593	124		0	549,593-	124-
1991	520,043	891,568	171		0	891,568-	171-
1992	514,645	1,215,808	236		0	1,215,808-	236-
1993	985,624	880,652	89		0	880,652-	89-
1994	361,527	540,459	149		0	540,459-	149-
1995	478,218	314,043	66	81,713	17	232,330-	49-
1996	940,163	282,085	30	19,585	2	262,500-	28-
1997	940,912	129,938	14	15,628	2	114,310-	12-
1998	1,328,402	189,071	14	1,212	0	187 , 859-	14-
1999	714,531	150 , 973	21		0	150,973-	21-
2000	2,034,330	105,438	5		0	105,438-	5 -
2001	3,198,483	104,311	3	24,468	1	79,843-	2-
2002	1,598,106	182,196	11	1,932	0	180,264-	11-
2003	1,485,702	496,683	33	15	0	496,668-	33-
2004	217,830	123,224	57		0	123,224-	57 -
2005							
2006	340	241	71		0	241-	71-
2007	14,110	76,246	540		0	76,246-	540-
2008							
2009	3,245,937	3,480,405	107		0	3,480,405-	
2010	41,172	58,468	142		0	58,468-	
2011	135,083	593,859	440		0	593,859-	
2012	177,937	502,669	282	1,902	1	500,767-	
2013	3,696,998	268,338	7		0	268,338-	7 –

ACCOUNT 380 SERVICES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	3,862,707	312,017	8		0	312,017-	8 –
2014	4,016,408	761,115	19		0	761,115-	19-
2016	7,010,400	3,579,586	51		0	3,579,586-	51-
2017	171,007	38,057	22		0	38,057-	22-
2017	15,345	225,411	22		0	225,411-	22-
2018		1,654,852			0		
2019	70,651	1,634,632			U	1,654,852-	
TOTAL	41,599,706	22,359,980	54	147,992	0	22,211,988-	53-
THREE-YE	SAR MOVING AVERAG	EES					
72-74	125,316	121,240	97	559	0	120,681-	96-
73-75	130,926	149,058	114	613	0	148,445-	113-
74-76	145,632	177,988	122	260	0	177,728-	122-
75-77	131,920	186,645	141	111	0	186,534-	141-
76-78	123,844	193,918	157		0	193,918-	
77-79	116,512	198,237	170		0	198,237-	170-
78-80	114,664	189,322	165		0	189,322-	
79-81	112,602		167		0	187,790-	167-
80-82	112,982	209,430	185		0	209,430-	
81-83	143,093	266,415	186		0	266,415-	
82-84	183,472	306,246	167	88	0	306,158-	
83-85	260,034	354,613	136	176-	0	354,789-	
84-86	267,044	339,148	127	176-	0	339,324-	
85-87	286,554	338,556	118	264-	0	338,820-	118-
86-88	252,918	371,203	147	5-	0	371,208-	147-
87-89	336,692	448,120	133	18	0	448,101-	
88-90	390,456	525 , 289	135	18	0	525,271-	
89-91	481,420	653,947	136	24	0	653,923-	
90-92	492,505	885,656	180		0	885,656-	180-
91-93	673,437	996,009	148		0	996,009-	
92-94	620,599	878,973	142		0	878,973-	
93-95	608,456	578 , 385		27,238	4	551 , 147-	
94-96	593 , 303	378 , 862	64	33,766	6	345,096-	58-
95-97	786,431	242,022	31	38 , 975	5	203,047-	26-
96-98	1,069,826	200,365	19	12,142	1	188,223-	18-
97-99	994,615	156,661	16	5,613	1	151,047-	15-
98-00	1,359,088	148,494	11	404	0	148,090-	11-
99-01	1,982,448	120,241	6	8,156	0	112,085-	6-
00-02	2,276,973	130,648	6	8,800	0	121,848-	5 –
01-03	2,094,097	261,063	12	8,805	0	252,258-	12-
02-04	1,100,546	267 , 367	24	649	0	266,719-	24-

ACCOUNT 380 SERVICES

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	ES					
03-05	567,844	206,635	36	5	0	206,631-	36-
04-06	72,723	41,155	57		0	41,155-	57 -
05-07	4,817	25,496	529		0	25,496-	529-
06-08	4,817	25,496	529		0	25,496-	529-
07-09	1,086,683	1,185,550	109		0	1,185,550-	109-
08-10	1,095,703	1,179,625	108		0	1,179,625-	108-
09-11	1,140,731	1,377,578	121		0	1,377,578-	121-
10-12	118,064	384,999	326	634	1	384,365-	326-
11-13	1,336,673	454,955	34	634	0	454,321-	34-
12-14	2,579,214	361,008	14	634	0	360,374-	14-
13-15	3,858,704	447,157	12		0	447,157-	12-
14-16	4,971,199	1,550,906	31		0	1,550,906-	31-
15-17	3,740,633	1,459,586	39		0	1,459,586-	39-
16-18	2,406,945	1,281,018	53		0	1,281,018-	53 -
17-19	85,668	639,440	746		0	639,440-	746-
FIVE-YEA	R AVERAGE						
15-19	2,261,579	1,251,804	55		0	1,251,804-	55-

ACCOUNT 381 METERS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	106,191		0	1,088	1	1,088	1
1973	35 , 758		0	15,988	45	15,988	45
1974	46,441		0	7,657	16	7,657	16
1975	64,178		0	13,322	21	13,322	21
1976	79 , 823		0	13,042	16	13,042	16
1977	116,748		0	34,019	29	34,019	29
1978	67 , 017		0	6,300	9	6,300	9
1979	68,783		0	35,142	51	35,142	51
1980	97,074		0	43,462	45	43,462	45
1981	118,445	1	0	30,841	26	30,840	26
1982	192,363		0	12,808	7	12,808	7
1983	104,497		0	44,794	43	44,794	43
1984	91,530		0	34	0	34	0
1985	110,986		0		0		0
1986	125,861		0	43,783	35	43,783	35
1987	127,337		0	1,509	1	1,509	1
1988	143,086		0	8,065	6	8,065	6
1989	61,096	433-	1-	341	1	774	1
1990	109,705	6,543-	6-	882	1	7,425	7
1991	105,904		0	911	1	911	1
1992	733 , 628		0	63	0	63	0
1993	537,419	2,100-	0		0	2,100	0
1994	336,464	52-	0	6 , 725	2	6 , 777	2
1995	462 , 757	296 , 695	64	66 , 731	14	229,964-	50 -
1996	635 , 712	188,605	30	13,038	2	175,567-	28-
1997	649,084	89 , 638	14	10,781	2	78 , 857-	12-
1998	134,861	19,195	14	122	0	19,073-	14-
1999							
2000	925,105		0		0		0
2001	450,405		0		0		0
2002							
2003	5,299,413		0		0		0
2004	102,792		0		0		0
2005							
2006	2,139,469		0		0		0
2007							
2008							
2009	1,524,628	2,321	0		0	2,321-	0
2010	11,216		0		0		0
2011	52,310		0		0		0
2012	21,456	161	1	45 500	0	161-	1-
2013	48,974	135,572	277	15,720	32	119,852-	245-

ACCOUNT 381 METERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT I	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	1,136,717	115,037	10	8,763	1	106,274-	9-
2015	744,043	169,790	23	14,814	2	154,976-	21-
2016	846,588	308,287	36	2,541	0	305,746-	36-
2017	730,340	363,691	50	30,730	4	332,961-	46-
2018	1,679,465	589,851	35	55,706	3	534,145-	32-
2019	2,269,678	502,994	22	41,084	2	461,910-	
TOTAL	23,445,349	2,772,709	12	580,806	2	2,191,903-	9-
THREE-YE	CAR MOVING AVERAGI	ES					
72-74	62 , 797		0	8,244	13	8,244	13
73-75	48,792		0	12,322	25	12,322	25
74-76	63,481		0	11,340	18	11,340	18
75-77	86,916		0	20,128	23	20,128	23
76-78	87,863		0	17,787	20	17,787	20
77-79	84,183		0	25,154	30	25,154	30
78-80	77,625		0	28,301	36	28,301	36
79-81	94,767		0	36,482	38	36,481	38
80-82	135,961		0	29,037	21	29,037	21
81-83	138,435		0	29,481	21	29,481	21
82-84	129,463		0	19,212	15	19,212	15
83-85	102,338		0	14,943	15	14,943	15
84-86	109,459		0	14,606	13	14,606	13
85-87	121,395		0	15 , 097	12	15,097	12
86-88	132,095		0	17,786	13	17,786	13
87-89	110,506	144-	0	3,305	3	3,449	3
88-90	104,629	2,325-	2-	3,096	3	5,421	5
89-91	92,235	2,325-	3-	711	1	3,037	3
90-92	316,412	2,181-	1-	619	0	2,800	1
91-93	458,984	700-	0	325	0	1,025	0
92-94	535 , 837	717-	0	2,263	0	2,980	1
93-95	445,547	98,181	22	24,485	5	73,696-	17-
94-96	478,311	161,749	34	28,831	6	132,918-	28-
95-97	582,518	191,646	33	30,183	5	161,463-	28-
96-98	473,219	99,146	21	7,980	2	91,166-	19-
97-99	261,315	36,278	14	3,634	1	32,643-	12-
98-00	353,322	6,398	2	41	0	6,358-	2-
99-01	458,503		0		0		0
00-02	458,503		0		0		0
01-03	1,916,606		0		0		0
02-04	1,800,735		0		0		0

ACCOUNT 381 METERS

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	1,800,735		0		0		0
04-06	747,420		0		0		0
05-07	713,156		0		0		0
06-08	713,156		0		0		0
07-09	508,209	774	0		0	774-	0
08-10	511,948	774	0		0	774-	0
09-11	529 , 385	774	0		0	774-	0
10-12	28,327	54	0		0	54-	0
11-13	40,914	45,244	111	5,240	13	40,004-	98-
12-14	402,382	83 , 590	21	8,161	2	75 , 429-	19-
13-15	643,245	140,133	22	13,099	2	127,034-	20-
14-16	909,116	197,704	22	8,706	1	188,998-	21-
15-17	773 , 657	280,589	36	16,028	2	264,561-	34-
16-18	1,085,464	420,609	39	29,659	3	390 , 950-	36-
17-19	1,559,828	485,512	31	42,507	3	443,005-	28-
FIVE-YEA	R AVERAGE						
15-19	1,254,023	386,922	31	28,975	2	357,947-	29-

ACCOUNT 383 HOUSE REGULATORS

	REGULAR	COST OF REMOVAL		GROSS		NET	
YEAR	RETIREMENTS	AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
1972	12,889		0	132	1	132	1
1973	8,455		0	3 , 777	45	3 , 777	45
1974	5 , 620		0	926	16	926	16
1975	5,474		0	1,136	21	1,136	21
1976	8,019		0	1,308	16	1,308	16
1977	5 , 362		0	1,417	26	1,417	26
1978	5,557		0	522	9	522	9
1979							
1980	11,842		0	5,372	45	5,372	45
1981	4,470		0	954	21	954	21
1982	3,064		0	262	9	262	9
1983	13,108		0	5,619	43	5,619	43
1984	8,425		0	3	0	3	0
1985	8,846		0		0		0
1986	7 , 857		0	2,441	31	2,441	31
1987	2,095		0	25	1	25	1
1988	16,081		0		0		0
1989	10,216		0		0		0
1990	9,673		0		0		0
1991	27,724		0		0		0
1992	40,280	174	0		0	174-	0
1993	19,034		0		0		0
1994							
1995	115,922	74 , 739	64	17,429	15	57 , 310-	49-
1996							
1997							
1998							
1999							
2000	37,399		0		0		0
2001							
2002							
2003	343,150	57 , 777	17		0	57 , 777-	17-
2004							
2005	450.050						
2006	459,973	400 540	0		0	405 545	0
2007	246,783	127,717	52	0.704	0	127,717-	52-
2008	402,567	152,047	38	3,794	1	148,252-	37-
2009	461,022	122,130	26	1,730	0	120,400-	26-
2010	918,069	69,070	8	9,301	1	59,769-	7-
2011	380,488	14,395	4	3,122	1	11,274-	3-
2012	34,187	74	0		0	74-	0
2013							

ACCOUNT 383 HOUSE REGULATORS

VEND	REGULAR	COST OF REMOVAL	D.C.III	GROSS SALVAGE	DCIII	NET SALVAGE	D.C.III
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	219,488	510	0		0	510-	0
2015	379 , 125	1,461	0		0	1,461-	0
2016	183 , 921		0		0		0
2017	53	1,191			0	1,191-	
2018		4,828				4,828-	
2019	35,116		0		0		0
TOTAL	4,451,352	626,114	14	59 , 270	1	566,843-	13-
THREE-YE	CAR MOVING AVERAGE	ES					
72-74	8,988		0	1,612	18	1,612	18
73-75	6,516		0	1,946	30	1,946	30
74-76	6,371		0	1,123	18	1,123	18
75-77	6,285		0	1,287	20	1,287	20
76-78	6,313		0	1,082	17	1,082	17
77-79	3,640		0	646	18	646	18
78-80	5,800		0	1,965	34	1,965	34
79-81	5,437		0	2,109	39	2,109	39
80-82	6,459		0	2,196	34	2,196	34
81-83	6,881		0	2,278	33	2,278	33
82-84	8,199		0	1,961	24	1,961	24
83-85	10,126		0	1,874	19	1,874	19
84-86	8,376		0	815	10	815	10
85-87	6,266		0	822	13	822	13
86-88	8,678		0	822	9	822	9
87-89	9,464		0	8	0	8	0
88-90	11,990		0		0		0
89-91	15 , 871		0		0		0
90-92	25 , 892	58	0		0	58-	0
91-93	29,013	58	0		0	58-	0
92-94	19,771	58	0		0	58-	0
93-95	44,985	24,913	55	5,810	13	19,103-	42-
94-96	38,641	24,913	64	5,810	15	19,103-	49-
95-97	38,641	24,913	64	5,810	15	19,103-	49-
96-98							
97-99							
98-00	12,466		0		0		0
99-01	12,466		0		0		0
00-02	12,466		0		0		0
01-03	114,383	19,259	17		0	19,259-	17-
02-04	114,383	19,259	17		0	19,259-	17-

ACCOUNT 383 HOUSE REGULATORS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	3					
03-05	114,383	19,259	17		0	19,259-	17-
04-06	153,324		0		0		0
05-07	235,585	42,572	18		0	42,572-	18-
06-08	369 , 774	93 , 255	25	1,265	0	91,990-	25-
07-09	370,124	133,965	36	1,842	0	132,123-	36-
08-10	593,886	114,416	19	4,942	1	109,474-	18-
09-11	586,526	68,532	12	4,718	1	63,814-	11-
10-12	444,248	27,846	6	4,141	1	23,706-	5-
11-13	138,225	4,823	3	1,041	1	3,782-	3-
12-14	84,558	195	0		0	195-	0
13-15	199,537	657	0		0	657-	0
14-16	260,845	657	0		0	657-	0
15-17	187,700	884	0		0	884-	0
16-18	61,325	2,007	3		0	2,007-	3-
17-19	11,723	2,007	17		0	2,007-	17-
FIVE-YEA	R AVERAGE						
15-19	119,643	1,496	1		0	1,496-	1-

ACCOUNT 385 INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997	1,189	98	8		0	98-	8-
1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	4,370		0		0		0
2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	15,457 12,109	14,344	0 118		0 0	14,344-	0
2019	52,067		0		0		0
TOTAL	85,192	14,442	17		0	14,442-	17-

ACCOUNT 385 INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT

		COST OF		GROSS		NET	
	REGULAR	REMOVAL	Dam	SALVAG		SALVAGE	Dam
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
83-85	396	33	8		0	33-	8 –
84-86							
85-87							
86-88							
87-89							
88-90							
89-91							
90-92							
91-93							
92-94							
93-95							
94-96							
95-97							
96-98 97-99							
98-00	1,457		0		0		0
99-01	1,457		0		0		0
00-02	1,457		0		0		0
01-03	1,407		O		O		O
02-04							
03-05							
04-06							
05-07							
06-08							
07-09	5,152		0		0		0
08-10	9,189	4,781	52		0	4,781-	
09-11	9,189	4,781	52		0	4,781-	
10-12	4,036	4,781	118		0	4,781-	118-
11-13							
12-14							
13-15							
14-16							
15-17							
16-18	17 256		0		0		0
17-19	17,356		0		0		0
FIVE-YEA	R AVERAGE						
15-19	10,413		0		0		0
10 10	10,110		0		J		O

ACCOUNT 387 OTHER EQUIPMENT

VEND	REGULAR	COST OF REMOVAL	рсш	GROSS SALVAGE		NET SALVAGE	DCIII
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987	37 , 585	638	2	525	1	113-	0
1989							
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	6,897		0	651	9	651	9
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	13,939		0		0		0

ACCOUNT 387 OTHER EQUIPMENT

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
	KETIKERENIS	AMOUNT	101	AMOUNT	101	AMOUNT	101
2018							
2019							
TOTAL	58,421	638	1	1,176	2	538	1
THREE-YE	CAR MOVING AVERAGES						
76-78	12,528	213	2	175	1	38-	0
77-79	12,320	213	۷	175		30-	U
78-80							
79-81							
80-82							
81-83							
82-84							
83-85							
84-86							
85-87							
86-88							
87-89							
88-90							
89-91	2,299		0	217	9	217	9
90-92	2,299		0	217	9	217	9
91-93 92-94	2,299		0	217	9	217	9
93-95							
94-96							
95-97							
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06	4,646		0		0		0
05-07	4,646		0		0		0
06-08	4,646		0		0		0
07-09							
08-10 09-11							
10-12							
10-12							

ACCOUNT 387 OTHER EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}					
11-13 12-14 13-15 14-16 15-17							
16-18 17-19							

FIVE-YEAR AVERAGE

15-19

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1999	318,611		0		0		0
2000	565,832	21,861-	4 –	4,665-	1-	17,196	3
2001	834,850		0		0		0
2002	1,391,962	2 , 591	0	99,569-	7 –	102,160-	7 –
2003	99,969		0		0		0
2004	217,646	149,719-	69-	1,368	1	151,087	69
2005							
2006							
2007	980,374		0		0		0
2008							
2009	68,040		0		0		0
2010	139,831		0		0		0
2011	668,360		0		0		0
2012	310,706		0		0		0
2013	80,757		0		0		0
2014							
2015	137,416		0		0		0
2016							
2017	140,374		0		0		0
2018	58,077		0		0		0
2019							
TOTAL	6,012,804	168,989-	3-	102,866-	2-	66,123	1
THREE-YE.	AR MOVING AVERAG	GES					
99-01	573,098	7,287-	1-	1,555-	0	5,732	1
00-02	930,881	6,423-	1-	34,745-	4 –	28,321-	3-
01-03	775,594	864	0	33,190-	4 –	34,053-	4 -
02-04	569,859	49,043-	9-	32,734-	6-	16,309	3
03-05	105,872	49,906-	47-	456	0	50,362	48
04-06	72,549	49,906-	69-	456	1	50,362	69
05-07	326,791		0		0		0
06-08	326,791		0		0		0
07-09	349,471		0		0		0
08-10	69,290		0		0		0
09-11	292,077		0		0		0
10-12	372,966		0		0		0
11-13	353,274		0		0		0
12-14	130,488		0		0		0
13-15	72,724		0		0		0
14-16	45,805		0		0		0

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

		COST O	F	GROSS		NET	
	REGULAR	REMOVA	L	SALVAG	E	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
15-17	92 , 597		0		0		0
16-18	66,150		0		0		0
17-19	66,150		0		0		0
FIVE-YEA	R AVERAGE						
15-19	67,173		0		0		0

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1992	8,769	8	0	1,914	22	1,906	22
1993							
1994	3,255		0	400	12	400	12
1995	24,778		0		0		0
1996	21,671		0		0		0
1997							
1998							
1999	11,805		0		0		0
2000	9,202	488-	· 5 -	566	6	1,054	11
2001							
2002							
2003							
2004							
2005	1 221		0		0		0
2006	1,331		0		0		0
2007	15,739		0		0		0
2008							
2009							
2010 2011	11,515		0		0		0
2011	11,515		U		U		U
2012							
2013	2,861	7	0	97	3	90	3
2015	247,098	104	0	1,681	1	1 , 577	1
2016	2,173	23-		648	30	671	31
2017	36,802	20	0	0.10	0	0,1	0
2018	41,282		0	15,706	38	15,706	38
2019	31,313	11	0	466	1	455	1
TOTAL	469,593	380-	- 0	21,478	5	21,858	5
THREE-YE	AR MOVING AVERAGE	S					
92-94	4,008	3	0	771	19	769	19
93-95	9,344		0	133	1	133	1
94-96	16,568		0	133	1	133	1
95-97	15,483		0		0		0
96-98	7,224		0		0		0
97-99	3,935		0		0		0
98-00	7,002	163-		189	3	351	5
99-01	7,002	163-		189	3	351	5
00-02	3 , 067	163-	· 5 -	189	6	351	11

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS		PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
01-03							
02-04							
03-05							
04-06	444		0		0		0
05-07	5,690		0		0		0
06-08	5,690		0		0		0
07-09	5,246		0		0		0
08-10							
09-11	3,838		0		0		0
10-12	3,838		0		0		0
11-13	3,838		0		0		0
12-14	954	2	0	32	3	30	3
13-15	83,320	37	0	593	1	556	1
14-16	84,044	30	0	809	1	779	1
15-17	95,358	27	0	776	1	749	1
16-18	26,752	8-	0	5,451	20	5,459	20
17-19	36,466	4	0	5,390	15	5 , 387	15
FIVE-YEA	R AVERAGE						
15-19	71,733	19	0	3,700	5	3,682	5

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2000	39,994	2,121-	5-	2,461	6	4,582	11
2001	192,918		0		0		0
2002	464,971	408	0	36,372-	8 –	36,780-	8 –
2003	237,391		0		0		0
2004	50,180	78	0	181	0	103	0
2005							
2006							
2007	574,946		0		0		0
2008							
2009	20,078		0		0		0
2010	35,487		0		0		0
2011	422,274		0		0		0
2012	38,115		0		0		0
2013	10,345		0		0		0
2014	134,492		0		0		0
2015	81,787		0		0		0
2016	174,040		0		0		0
2017	281,850		0		0		0
2018	109,831		0		0		0
2019	187,475		0		0		0
TOTAL	3,056,172	1,635-	0	33,730-	1-	32,095-	1-
THREE-YE	AR MOVING AVERAG	GES					
00-02	232,628	571-	0	11,304-	5-	10,733-	5-
01-03	298,427	136	0	12,124-	4 –	12,260-	4 –
02-04	250,847	162	0	12,064-	5-	12,226-	5-
03-05	95 , 857	26	0	60	0	34	0
04-06	16 , 727	26	0	60	0	34	0
05-07	191,649		0		0		0
06-08	191,649		0		0		0
07-09	198,341		0		0		0
08-10	18,522		0		0		0
09-11	159 , 280		0		0		0
10-12	165,292		0		0		0
11-13	156,911		0		0		0
12-14	60,984		0		0		0
13-15	75,541		0		0		0
14-16	130,106		0		0		0
15-17	179,226		0		0		0

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

		COST O	F	GROSS		NET	
	REGULAR	REMOVA	L	SALVAG	E	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGES						
16-18	188,574		0		0		0
17-19	193,052		0		0		0
FIVE-YEA	AR AVERAGE						
15-19	166,997		0		0		0

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

	REGULAR	COST O		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1974	2,397		0	750	31	750	31
1975	850		0		0		0
1976	986		0	252	26	252	26
1977	1,867		0	1,302	70	1,302	70
1978	1,132		0		0		0
1979	252		0		0		0
1980							
1981	1,009		0		0		0
1982	563		0		0		0
1983	2,309		0		0		0
1984							
1985	1,095		0		0		0
1986							
1987	7,200		0		0		0
1988	418		0		0		0
1989							
1990							
1991	30,448		0		0		0
1992	5 , 997		0	750	13	750	13
1993							
1994							
1995							
1996	83,142		0		0		0
1997							
1998							
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006	4,749		0		0		0
2007	1,844		0		0		0
2008							
2009	3 , 570		0		0		0
2010							
2011							
2012							
2013							
2014							
2015							

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

		COST O		GROSS		NET	
	REGULAR	REMOVA:		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2016							
2017							
2018							
2019							
TOTAL	149,829		0	3,054	2	3,054	2
	•			,		•	
THREE-YE	CAR MOVING AVERAGE	IS					
74-76	1,411		0	334	24	334	24
75-77	1,234		0	518	42	518	42
76-78	1,328		0	518	39	518	39
77-79	1,084		0	434	40	434	40
78-80	461		0		0		0
79-81	420		0		0		0
80-82	524		0		0		0
81-83	1,294		0		0		0
82-84	957		0		0		0
83-85	1,135		0		0		0
84-86	365		0		0		0
85-87	2,765		0		0		0
86-88	2,539		0		0		0
87-89	2,539		0		0		0
88-90	139		0		0		0
89-91	10,149		0	0.5.0	0	0.5.0	0
90-92	12,148		0	250	2	250	2
91-93	12,148		0	250	2	250	2
92-94	1,999		0	250	13	250	13
93-95	07 714		0		0		0
94-96	27,714		0		0		0
95-97	27,714		0		0		0
96-98 97-99	27,714		0		0		U
97-99							
99-01							
00-02							
01-03							
02-04							
02-04							
04-06	1,583		0		0		0
05-07	2,198		0		0		0
06-08	2,198		0		0		0
00-00	2,130		U		U		U

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

SUMMARY OF BOOK SALVAGE

		COST OF	?	GROSS		NET	
	REGULAR	REMOVAI	J	SALVAG	Ε	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	}					
07-09	1,805		0		0		0
08-10	1,190		0		0		0
09-11	1,190		0		0		0
10-12							
11-13							
12-14							
13-15							
14-16							
15-17							
16-18							
17-19							

FIVE-YEAR AVERAGE

15-19

COMMON PLANT



ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL	PCT	GROSS SALVAGE	PCT	NET SALVAGE	DСT
		AMOUNT		AMOUNT		AMOUNT	PCT
1972	8,869	532	6	1,030	12	498	6
1973	12,713	4,707	37	451	4	4,256-	33-
1974	22,655	9,164	40		0	9,164-	40-
1975							
1976	15 , 929	1,986	12	1,545	10	441-	3 –
1977	3,917	508	13	453	12	55-	1-
1978							
1979	14,338	3,867	27	101	1	3 , 766-	26-
1980	5 , 768	140	2		0	140-	2-
1981	4,577	198	4	187	4	11-	0
1982	3,996		0		0		0
1983	37 , 552	29 , 827	79	8	0	29,819-	79-
1984	5,644	6 , 574	116		0	6 , 574-	116-
1985	12,404	20,207	163	152	1	20,055-	
1986	23,388	18,015	77		0	18,015-	77-
1987	1,431		0		0		0
1988	34,225	2,687	8	1,143	3	1,544-	5 -
1989	68,361	55,238	81	449	1	54,789-	80-
1990	297		0		0		0
1991	737		0		0		0
1992							
1993	69 , 905	9,139	13		0	9,139-	13-
1994	2,931-		0		0		0
1995	3,499,524	45,498	1		0	45,498-	1-
1996	4,379	34,184	781	3,450	79	30,734-	702-
1997	277,421	23,350	8	507	0	22,843-	8 –
1998	26,365	28,703-		1 , 755	7	30,458	116
1999	15 , 527	10,150	65	664-	4 –	10,814-	
2000	49,928	226,988	455	243,700	488	16,712	33
2001							
2002	275,234	11,716	4		0	11,716-	4 –
2003	449,588	192,692	43		0	192,692-	43-
2004	994,068	112,047	11		0	112,047-	11-
2005							
2006	1,471,553	229,582	16		0	229,582-	16-
2007	1,398,874	165,304	12		0	165,304-	12-
2008	324,631	38,070	12	3,503	1	34,566-	11-
2009	298,691	108,109	36		0	108,109-	36-
2010	245,205	148,381	61		0	148,381-	61-
2011	415,186	249,065	60		0	249,065-	60-
2012	141,161	25,221	18		0	25,221-	18-
2013	402,973	35,638	9		0	35,638-	9-

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2014	258,316	44,055	17		0	44,055-	17-
2015	944,933	16,510	2		0	16,510-	2-
2016	224,940	37,057	16		0	37,057-	16-
2017	870,806	142,310	16		0	142,310-	16-
2018	404,295	70,050	17		0	70,050-	17-
2019	1,065,670	76,904	7		0	76,904-	7-
2019	1,000,070	70,304	,		O	70,004	,
TOTAL	14,403,044	2,176,967	15	257 , 770	2	1,919,197-	13-
THREE-YE	AR MOVING AVERAG	ES					
72-74	14,746	4,801	33	494	3	4,307-	29-
73-75	11,789	4,624	39	150	1	4,473-	
74-76	12,861	3,717	29	515	4	3,202-	25-
75-77	6,615	831	13	666	10	165-	2-
76-78	6,615	831	13	666	10	165-	2-
77-79	6,085	1,458	24	185	3	1,274-	21-
78-80	6,702	1,336	20	34	1	1,302-	
79-81	8,228	1,402	17	96	1	1,306-	
80-82	4,780	113	2	62	1	50-	1-
81-83	15 , 375	10,008	65	65	0	9,943-	
82-84	15 , 731	12,134	77	3	0	12,131-	77-
83-85	18,533	18,869	102	53	0	18,816-	102-
84-86	13,812	14,932	108	51	0	14,881-	108-
85-87	12,408	12,741	103	51	0	12,690-	
86-88	19,681	6,901	35	381	2	6,520-	33-
87-89	34,672	19,308	56	531	2	18,778-	
88-90	34,294	19,308	56	531	2	18,778-	
89-91	23,132	18,413	80	150	1	18,263-	79-
90-92	345		0		0		0
91-93	23,547	3,046	13		0	3,046-	13-
92-94	22,325	3,046	14		0	3,046-	14-
93-95	1,188,833	18,212	2		0	18,212-	
94-96	1,166,991	26,561	2	1,150	0	25,411-	2-
95-97	1,260,441	34,344	3	1,319	0	33,025-	3-
96-98	102,722	9,610	9	1,904	2	7,706-	8 –
97-99	106,438	1,599	2	533	1	1,066-	1-
98-00	30,607	69,478	227	81,597	267	12,119	40
99-01	21,818	79,046	362	81,012	371	1,966	9
00-02	108,387	79,568	73	81,233	75	1,665	2
01-03	241,607	68,136	28	01,200	0	68,136-	28-
02-04	572,964	105,485	18		0	105,485-	18-
0_ 01	0.2,301	200, 100			0	200, 100	_ 0

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	IS					
03-05	481,219	101,580	21		0	101,580-	21-
04-06	821 , 874	113,876	14		0	113,876-	14-
05-07	956,809	131,629	14		0	131,629-	14-
06-08	1,065,019	144,319	14	1,168	0	143,151-	13-
07-09	674,066	103,828	15	1,168	0	102,660-	15-
08-10	289,509	98,187	34	1,168	0	97,019-	34-
09-11	319,694	168,518	53		0	168,518-	53-
10-12	267,184	140,889	53		0	140,889-	53-
11-13	319,774	103,308	32		0	103,308-	32-
12-14	267,483	34,971	13		0	34,971-	13-
13-15	535,407	32,068	6		0	32,068-	6-
14-16	476,063	32,541	7		0	32,541-	7 –
15-17	680,226	65 , 292	10		0	65,292-	10-
16-18	500,014	83,139	17		0	83,139-	17-
17-19	780 , 257	96,421	12		0	96,421-	12-
FIVE-YEA	AR AVERAGE						
15-19	702,129	68,566	10		0	68,566-	10-

ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
1973	200		0	0		0
1974	276	47	17	0	47-	17-
1975	270	- 1	Δ,	Ŭ	1,	Ξ,
1976						
1977	200	150	75	0	150-	75-
1978						
1979						
1980						
1981						
1982	261		0	0		0
1983	379		0	0		0
1984						
1985						
1986						
1987						
1988						
1989						
1990						
1991						
1992 1993						
1993						
1995						
1996						
1997						
1998						
1999						
2000						
2001						
2002						
2003						
2004	1,190,893	45,676	4	0	45,676-	4 –
2005						
2006	233,278		0	0		0
2007						
2008	10.400	10.000		•	4.0.000	
2009	19,423	10,990	57	0	10,990-	57-
2010						
2011						
2012 2013						
2013						
ZU14						

ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
		11100111	101	11100111	101	71100111	101
2015							
2016							
2017							
2018	10 540	4.0	0	1 756	1 /	1 714	1 /
2019	12,542	42	0	1,756	14	1,714	14
TOTAL	1,457,453	56,904	4	1,756	0	55,149-	4 –
THREE-YE	CAR MOVING AVERAGE	ES					
73-75	159	16	10		0	16-	10-
74-76	92	16	17		0	16-	17-
75-77	67	50	75		0	50-	75-
76-78	67	50	75		0	50-	75-
77-79	67	50	75		0	50-	75-
78-80							
79-81							
80-82	87		0		0		0
81-83	213		0		0		0
82-84	213		0		0		0
83-85	126		0		0		0
84-86							
85-87							
86-88							
87-89							
88-90							
89-91							
90-92							
91-93							
92-94							
93-95							
94-96							
95-97							
96-98							
97-99							
98-00							
99-01							
00-02							
01-03							
02-04	396,964	15,225	4		0	15,225-	4 –
03-05	396,964	15,225	4		0	15,225-	4 –
04-06	474,724	15,225	3		0	15,225-	3-

ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

	DECLUAD	COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	S					
05-07	77 , 759		0		0		0
06-08	77 , 759		0		0		0
07-09	6 , 474	3,663	57		0	3,663-	57-
08-10	6,474	3,663	57		0	3,663-	57-
09-11	6,474	3,663	57		0	3,663-	57-
10-12							
11-13							
12-14							
13-15							
14-16							
15-17							
16-18							
17-19	4,181	14	0	585	14	571	14
FIVE-YEA	R AVERAGE						
15-19	2,508	8	0	351	14	343	14
10-19	2,300	0	U	331	14	343	1 4

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2001	20,419		0	563	3	563	3
2002							
2003	3,428		0		0		0
2004							
2005 2006	9,326	19,622	210		0	10 622-	210-
2006	10,295	19,622	210		0	19,622-	210-
2007	10,293		U		U		U
2009	42,097	14,612	35		0	14,612-	35-
2010	31,314	8,140	26		0	8,140-	
2011	31/311	0/110	20		O	0/110	2.0
2012	126,116	13,918	11		0	13,918-	11-
2013	4,924	3,774	77		0	3,774-	
2014	1,002	5,071-			0	5,071	506
2015	8,932	7, 7 . =	0		0	· , · · · _	0
2016	81,110		0		0		0
2017	69,403	3,542	5		0	3,542-	5 -
2018	98,194	8,326	8		0	8,326-	8 –
2019	2,752		0		0		0
TOTAL	509,314	66,862	13	563	0	66,299-	13-
THREE-YE	AR MOVING AVERAG	ES					
01-03	7,949		0	188	2	188	2
02-04	1,143		0		0		0
03-05	1,143		0		0		0
04-06	3,109	6,541	210		0	6,541-	210-
05-07	6,540	6,541	100		0	6,541-	100-
06-08	6,540	6,541	100		0	6,541-	100-
07-09	17,464	4,871	28		0	4,871-	28-
08-10	24,470	7,584	31		0	7,584-	
09-11	24,470	7,584	31		0	7,584-	31-
10-12	52,477	7,353	14		0	7,353-	14-
11-13	43,680	5 , 897	14		0	5,897-	14-
12-14	44,014	4,207	10		0	4,207-	10-
13-15	4,953	432-			0	432	9
14-16	30,348	1,690-			0	1,690	6
15-17	53,149	1,181	2		0	1,181-	2-

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PC	Τ	AMOUNT	PCT
THREE-YE	EAR MOVING AVERAGES	5					
16-18	82,902	3,956	5		0	3,956-	5 -
17-19	56,783	3,956	7		0	3,956-	7 –
FIVE-YEA	AR AVERAGE						
15-19	52,078	2,374	5		0	2,374-	5-

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
1976	71	409	576	0	409-	576-
1977	423	58	14	0	58-	14-
1978						
1979						
1980	536		0	0		0
1981						
1982						
1983						
1984	5 , 552	2,461	44	0	2,461-	44-
1985						
1986	752	17	2	0	17-	2-
1987						
1988						
1989						
1990	1,694		0	0		0
1991						
1992						
1993						
1994	525		0	0		0
1995						
1996						
1997	9,569	805	8	17 0	788-	8 –
1998						
1999						
2000						
2001						
2002						
2003						
2004						
2005						
2006						
2007	74,173		0	0		0
2008	95,608	3,672	4	1,535 2	2,137-	2-
2009						
2010	288	1,000		0	1,000-	
2011	216	7	3	0	7-	3 –
2012						
2013	2,748	17,436	635	0	17,436-	635-
2014	776		0	0		0
2015	526		0	0		0
2016						
2017						

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT F	CT	NET SALVAGE AMOUNT	PCT
2018	21,296	702	3		0	702-	3-
2019	,_;						
TOTAL	214,754	26 , 567	12	1,552	1	25,015-	12-
THREE-YE	AR MOVING AVERAGE	IS					
76-78	165	156	95		0	156-	95-
77-79	141	19	14		0	19-	14-
78-80	179		0		0		0
79-81	179		0		0		0
80-82	179		0		0		0
81-83							
82-84	1,851	820	44		0	820-	44-
83-85	1,851	820	44		0	820-	44-
84-86	2,101	826	39		0	826-	39-
85-87	251	6	2		0	6-	2-
86-88	251	6	2		0	6-	2-
87-89							
88-90	565		0		0		0
89-91	565		0		0		0
90-92	565		0		0		0
91-93							
92-94	175		0		0		0
93-95	175		0		0		0
94-96	175		0		0		0
95-97	3,190	268	8	6	0	263-	8 –
96-98	3,190	268	8	6	0	263-	8 –
97-99	3,190	268	8	6	0	263-	8 –
98-00							
99-01							
00-02							
01-03							
02-04							
03-05							
04-06							
05-07	24,724		0		0		0
06-08	56 , 594	1,224	2	512	1	712-	1-
07-09	56 , 594	1,224	2	512	1	712-	1-
08-10	31,966	1,557	5	512	2	1,046-	3-
09-11	168	336	200		0	336-	200-
10-12	168	336	200		0	336-	200-

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

		COST OF		GROSS	NET	
	REGULAR	REMOVAL		SALVAGE	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES	5				
11-13	988	5,814	588	0	5,814-	588-
12-14	1,175	5,812	495	0	5,812-	495-
13-15	1,350	5,812	431	0	5,812-	431-
14-16	434		0	0		0
15-17	175		0	0		0
16-18	7,099	234	3	0	234-	3-
17-19	7,099	234	3	0	234-	3-
FIVE-YEA	R AVERAGE					
15-19	4,364	140	3	0	140-	3-

ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE

		COST OF		GROSS	NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT PCT	SALVAGE AMOUNT	PCT
1973	433	37	9	0	37-	9-
1973	433	37	9	O	37-	9-
1975						
1976						
1977						
1978						
1979						
1980						
1981						
1982						
1983						
1984						
1985	1,280	73	6	0	73-	6-
1986						
1987	1,009	138	14	0	138-	14-
1988						
1989						
1990	1,139		0	0		0
1991						
1992						
1993						
1994	761		0	0		0
1995						
1996						
1997						
1998						
1999						
2000						
2001 2002						
2002						
2003						
2004						
2006						
2007						
2008						
2009						
2010						
2011						
2012						
2013						
2014						

ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT PCT	NET SALVAGE AMOUNT	PCT
2015 2016 2017 2018 2019	1,917	4,510	235	0	4,510-	235-
TOTAL	6,539	4,758	73	0	4,758-	73-
THREE-YE	AR MOVING AVERAGES					
73-75 74-76 75-77 76-78 77-79 78-80 79-81 80-82 81-83	144	12	9	0	12-	9-
82-84	407	0.4	_	0	0.4	_
83-85 84-86	427 427	24 24	6 6	0	24- 24-	6- 6-
85-87	763	70	9	0	70-	9-
86-88	336	46	14	0	46-	14-
87-89	336	46	14	0	46-	14-
88-90	380		0	0		0
89-91	380		0	0		0
90-92	380		0	0		0
91-93						
92-94	254		0	0		0
93-95	254		0	0		0
94-96	254		0	0		0
95-97						
96-98						
97-99						
98-00						
99-01						
00-02						
01-03						
02-04						
03-05						
04-06						

ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE

		COST OF		GROSS		NET
	REGULAR	REMOVAL		SALVAGE		SALVAGE
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT PCT
THREE-YEA	AR MOVING AVERAC	GES				
05-07 06-08 07-09 08-10 09-11 10-12 11-13 12-14 13-15						
14-16						
15-17	639	1,503	235		0	1,503- 235-
16-18	639	1,503	235		0	1,503- 235-
17-19	639	1,503	235		0	1,503- 235-
FIVE-YEAF	R AVERAGE					
15-19	383	902	235		0	902- 235-

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

	REGULAR	COST OF REMOVAL		GROSS SALVAG	E	NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2017 2018 2019	20,757		0		0		0
TOTAL	20,757		0		0		0
THREE-YE	AR MOVING AVERAG	ES					
17-19	6,919		0		0		0

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1999	74,705		0		0		0
2000	87,800	3,082-	4 –	2,229-	3-	853	1
2001	21,759	,	0	,	0		0
2002	34,305	129	0	712	2	583	2
2003	33,832		0		0		0
2004	56 , 851	100	0	466	1	366	1
2005							
2006							
2007	48,190		0		0		0
2008							
2009							
2010							
2011							
2012	18,895		0		0		0
2013							
2014							
2015							
2016							
2017							
2018	26,992		0		0		0
2019							
TOTAL	403,330	2,853-	1-	1,051-	0	1,802	0
THREE-YE	AR MOVING AVERAG	ES					
99-01	61,421	1,027-	2-	743-	1-	284	0
00-02	47,955	984-	2-	506-	1-	479	1
01-03	29,965	43	0	237	1	194	1
02-04	41,663	76	0	393	1	316	1
03-05	30,228	33	0	155	1	122	0
04-06	18,950	33	0	155	1	122	1
05-07	16,063		0		0		0
06-08	16,063		0		0		0
07-09	16,063		0		0		0
08-10							
09-11							
10-12	6,298		0		0		0
11-13	6,298		0		0		0
12-14	6 , 298		0		0		0
13-15							
14-16							

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

		COST OF		GROSS		NET	
	REGULAR	REMOVAI	_	SALVAGI	Ε	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGES						
15-17							
16-18	8,997		0		0		0
17-19	8 , 997		0		0		0
FIVE-YEA	R AVERAGE						
15-19	5,398		0		0		0

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT PC	GROSS SALVAGE T AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1972	881		0 19	2	19	2
1973						
1974						
1975	1,273		0 20	2	20	2
1976						
1977	1,244		0 50	4	50	4
1978						
1979						
1980	2,597		0	0		0
1981	907		0	0		0
1982	246		0	0		0
1983						
1984	6 , 500		0	0		0
1985						
1986						
1987	404		0	0		0
1988	4,342		0	0		0
1989	10,269		0 2,111	21	2,111	21
1990						
1991	15,794		0 1,490	9	1,490	9
1992	3,338		0	0		0
1993	431		0	0		0
1994	128,910	304	0 78,304	61	78,000	61
1995						
1996						
1997						
1998						
1999						
2000						
2001						
2002	0 110		•			
2003	3,112		0	0		0
2004						
2005						
2006						
2007 2008						
	7		0	0		0
2009	7,589		0	0		0
2010						
2011 2012						
2013						

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014							
2015	34,328		0		0		0
2016	7,704		0		0		0
2017	13,783		0		0		0
2018							
2019							
TOTAL	243,653	304	0	81,994	34	81,690	34
THREE-YE	EAR MOVING AVERAGE	ES					
72-74	294		0	6	2	6	2
73-75	424		0	7	2	7	2
74-76	424		0	7	2	7	2
75-77	839		0	23	3	23	3
76-78	415		0	17	4	17	4
77-79	415		0	17	4	17	4
78-80	866		0		0		0
79-81	1,168		0		0		0
80-82	1,250		0		0		0
81-83	384		0		0		0
82-84	2,249		0		0		0
83-85	2,167		0		0		0
84-86	2,167		0		0		0
85-87	135		0		0		0
86-88	1,582		0	704	0	704	0
87-89 88-90	5 , 005		0	704 704	14	704	14 14
89-91	4,870 8,688		0	1,200	14 14	704 1,200	14
90-92	6 , 377		0	497	8	497	8
91-93	6 , 521		0	497	8	497	8
92-94	44,226	101	0	26,101	59	26,000	59
93-95	43,114	101	0	26,101	61	26,000	60
94-96	42,970	101	0	26,101	61	26,000	61
95-97	12,370	101	ŭ	20,101	0.1	20,000	0.1
96-98							
97-99							
98-00							
99-01							
00-02							
01-03	1,037		0		0		0
02-04	1,037		0		0		0

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

		COST O		GROSS		NET	
	REGULAR	REMOVA		SALVAG		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGE	IS					
03-05	1,037		0		0		0
04-06							
05-07							
06-08							
07-09	2,530		0		0		0
08-10	2,530		0		0		0
09-11	2,530		0		0		0
10-12							
11-13							
12-14							
13-15	11,443		0		0		0
14-16	14,011		0		0		0
15-17	18,605		0		0		0
16-18	7,162		0		0		0
17-19	4,594		0		0		0
FIVE-YEA	AR AVERAGE						
15-19	11,163		0		0		0

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2002	201,261		0		0		0
2003	3,133		0		0		0
2004							
2005							
2006							
2007							
2008							
2009							
2010	26,626		0		0		0
2011							
2012							
2013							
2014							
2015							
2016							
2017							
2018	72,447		0		0		0
2019							
TOTAL	303,467		0		0		0
IOIAL	303,407		U		U		U
THREE-YE	AR MOVING AVERAGE	ES					
02-04	68,131		0		0		0
03-05	1,044		0		0		0
04-06							
05-07							
06-08							
07-09							
08-10	8,875		0		0		0
09-11	8,875		0		0		0
10-12	8,875		0		0		0
11-13							
12-14							
13-15							
14-16							
15-17							

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

	REGULAR	COST OF		GROSS SALVAGI		NET SALVAGE	DOM
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAGES	}					
16-18	24,149		0		0		0
17-19	24,149		0		0		0
FIVE-YEA	AR AVERAGE						
15-19	14,489		0		0		0

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

		COST OF		GROSS		NET	
YEAR	REGULAR RETIREMENTS	REMOVAL AMOUNT	PCT	SALVAGE AMOUNT	PCT	SALVAGE AMOUNT	PCT
		11100111		11100111		11100111	
1972	1,035		0		0		0
1973	6 , 725		0		0		0
1974	1,147		0		0		0
1975	50		0	1 000	124	1 000	0
1976	748		0	1,000	134	1,000	134
1977	745		0		0		0
1978	473		0		0		0
1979	F.0		0		0		0
1980	50		0	1 500	0	4 500	0
1981	7,271		0	1,500	21	1,500	21
1982							
1983							
1984							
1985	648		0		0		0
1986							
1987	200		0		0		0
1988	257		0	125	49	125	49
1989	1,574		0	841	53	841	53
1990							
1991							
1992	100		0	778	778	778	778
1993							
1994	370 , 828	5,881	2	71,646	19	65 , 765	18
1995							
1996							
1997							
1998							
1999							
2000							
2001							
2002	2,196		0		0		0
2003							
2004							
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013							

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014 2015 2016 2017							
2018 2019							
2019							
TOTAL	394,047	5,881	1	75 , 890	19	70,009	18
THREE-YE	EAR MOVING AVERAGE	S					
72-74	2,969		0		0		0
73-75	2,641		0		0		0
74-76	648		0	333	51	333	51
75-77	514		0	333	65	333	65
76-78	655		0	333	51	333	51
77-79	406		0		0		0
78-80	174		0		0		0
79-81	2,440		0	500	20	500	20
80-82	2,440		0	500	20	500	20
81-83	2,424		0	500	21	500	21
82-84							
83-85	216		0		0		0
84-86	216		0		0		0
85-87	283		0		0		0
86-88	152		0	42	27	42	27
87-89	677		0	322	48	322	48
88-90	610		0	322	53	322	53
89-91	525		0	280	53	280	53
90-92	33		0	259	778	259	778
91-93	122 642	1 060	0	259	778	259	778
92-94	123,643	1,960	2 2	24,141	20 19	22,181	18 18
93-95 94-96	123,609 123,609	1,960 1,960	2	23,882 23,882	19	21,922 21,922	18
95-97	123,009	1,900	2	23,002	19	21,922	10
96-98							
97-99							
98-00							
99-01							
00-02	732		0		0		0
01-03	732		0		0		0
01-03	732		0		0		0
02-04	152		U		U		U

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

SUMMARY OF BOOK SALVAGE

		COST O	F	GROSS		NET	
	REGULAR	REMOVA	L	SALVAG	E	SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	CAR MOVING AVERAG	ES					
03-05							
04-06							
05-07							
06-08							
07-09							
08-10							
09-11							
10-12							
11-13							
12-14							
13-15							
14-16							
15-17							
16-18							
17-19							
FIVE-YEA	AR AVERAGE						

15-19

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER

	REGULAR	COST OF REMOVAL		GROSS SALVAGE		NET SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
1972	72		0	5	7	5	7
1973	13,492	831	6	10,707	79	9,876	73
1974	9,357	741	8	10,918	117	10,177	109
1975	106,938	1,551	1	14,528	14	12,977	12
1976	52,136	7,259	14	30,203	58	22,944	44
1977	55 , 509	11,245	20	31,750	57	20,505	37
1978	13,986	835	6	2,937	21	2,102	15
1979	38,007	2,467	6	5,169	14	2,702	7
1980	13,375	1,003	7	1,258	9	255	2
1981	72,145	858	1	11,702	16	10,844	15
1982	253,234	1,727	1	67 , 578	27	65,851	26
1983	19,461	5,769	30	619	3	5,150-	26-
1984	40,780	8,685	21	5 , 505	13	3,180-	8 –
1985	50,961	5,494	11	2,387	5	3,107-	6-
1986	70,934	5,416	8	772	1	4,644-	7 –
1987	27,034	2,536	9	181	1	2,355-	9-
1988	33,348	2,578	8	1,084	3	1,494-	4 -
1989	44,524	10,469	24	4,140	9	6,329-	14-
1990	157,605	5,806	4		0	5,806-	4 -
1991	60,019	1,251	2	4,702	8	3,451	6
1992	51,909	5,182	10	2,512	5	2,670-	5-
1993	64,042	2,666	4		0	2,666-	4 –
1994	43,479	1,452	3	458	1	994-	2-
1995	1,667,024	21,942	1	281	0	21,661-	1-
1996	808,552	5,046	1		0	5,046-	1-
1997	638 , 377	53 , 732	8	1,167	0	52,565-	8 –
1998	105,064	114,380-		6,993	7	121,373	116
1999	284,763	186,148	65	12,179-	4 –	198,327-	70-
2000	14,328		0		0		0
2001							
2002	7 , 983		0		0		0
2003							
2004	437,794	23,147	5		0	23,147-	5 –
2005							
2006	123,119	30,504	25		0	30,504-	25-
2007	2,574,392	62,511	2		0	62,511-	2-
2008	1,709,330	77,325	5	26,918	2	50,407-	3-
2009	101,874	3,037	3	29,830	29	26 , 793	26
2010	10,744	9,834	92		0	9,834-	92-
2011	154,552	79,818	52		0	79,818-	52-
2012	9,920,467	34,954	0	3,000	0	31,954-	0
2013	18,964	52 , 795	278		0	52 , 795-	278-

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER

VEND	REGULAR	COST OF REMOVAL	DCIII	GROSS SALVAGE	DCIII	NET SALVAGE	DCIII
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
2014	3,158	9,084	288		0	9,084-	288-
2015	259,440		0		0		0
2016	10,069,894	79 , 485	1	1,398	0	78,087-	1-
2017	2,103,726	50,260	2		0	50,260-	2-
2018							
2019	781,146		0		0		0
TOTAL	33,087,039	751,063	2	266,523	1	484,540-	1-
THREE-YE	CAR MOVING AVERAGE	ES					
72-74	7,640	524	7	7,210	94	6,686	88
73-75	43,262	1,041	2	12,051	28	11,010	25
74-76	56,144	3,184	6	18,550	33	15,366	27
75-77	71,528	6,685	9	25,494	36	18,809	26
76-78	40,544	6,446	16	21,630	53	15,184	37
77-79	35 , 834	4,849	14	13,285	37	8,436	24
78-80	21,789	1,435	7	3,121	14	1,686	8
79-81	41,176	1,443	4	6,043	15	4,600	11
80-82	112,918	1,196	1	26,846	24	25,650	23
81-83	114,947	2,785	2	26,633	23	23,848	21
82-84	104,492	5,394	5	24,567	24	19,174	18
83-85	37,067	6,649	18	2,837	8	3,812-	10-
84-86	54 , 225	6 , 532	12	2,888	5	3,644-	7 –
85-87	49,643	4,482	9	1,113	2	3,369-	7 –
86-88	43,772	3,510	8	679	2	2,831-	6-
87-89	34,969	5,194	15	1,802	5	3,393-	10-
88-90	78,492	6,284	8	1,741	2	4,543-	6-
89-91	87,383	5,842	7	2,947	3	2,895-	3-
90-92	89,844	4,080	5	2,405	3	1,675-	
91-93	58 , 657	3,033	5	2,405	4	628-	1-
92-94	53,143	3,100	6	990	2	2,110-	4 –
93-95	591,515	8,687	1	246	0	8,440-	1-
94-96	839,685	9,480	1	246	0	9,234-	1-
95-97	1,037,984	26,907	3	483	0	26,424-	3-
96-98	517,331	18,534-	- 4-		1	21,254	4
97-99	342,735	41,833	12	1,340-	0	43,173-	13-
98-00	134,718	23,923	18	1,729-	1-	25,651-	19-
99-01	99,697	62,049	62	4,060-	4 –	66,109-	66-
00-02	7,437		0		0		0
01-03	2,661		0		0		0
02-04	148,592	7,716	5		0	7,716-	5-

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER

		COST OF		GROSS		NET	
	REGULAR	REMOVAL		SALVAGE		SALVAGE	
YEAR	RETIREMENTS	AMOUNT	PCT	AMOUNT	PCT	AMOUNT	PCT
THREE-YE	AR MOVING AVERAGE	S					
03-05	145,931	7,716	5		0	7,716-	5-
04-06	186,971	17,884	10		0	17,884-	10-
05-07	899 , 170	31,005	3		0	31,005-	3-
06-08	1,468,947	56 , 780	4	8 , 973	1	47,807-	3-
07-09	1,461,866	47,624	3	18,916	1	28,708-	2-
08-10	607,316	30,065	5	18,916	3	11,149-	2-
09-11	89 , 057	30,896	35	9,943	11	20,953-	24-
10-12	3,361,921	41,535	1	1,000	0	40,535-	1-
11-13	3,364,661	55 , 856	2	1,000	0	54,856-	2-
12-14	3,314,196	32,278	1	1,000	0	31,278-	1-
13-15	93,854	20,627	22		0	20,627-	22-
14-16	3,444,164	29,523	1	466	0	29 , 057-	1-
15-17	4,144,353	43,248	1	466	0	42,782-	1-
16-18	4,057,873	43,248	1	466	0	42,782-	1-
17-19	961,624	16,753	2		0	16,753-	2-
FIVE-YEA	R AVERAGE						
15-19	2,642,841	25,949	1	280	0	25,669-	1-

PART IX. DETAILED DEPRECIATION CALCULATIONS



ELECTRIC PLANT



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

INTERI PROBAE	ORIGINAL COST (2) PORT DISTRIBUTIO M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 95-R EAR 6-2063		FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
2013 2014 2015 2016 2017 2018	4,932,569.72 33,726.75 66,384.14 49,048.13 37,976.87 235,211.68 5,354,917.29	899,587 5,382 9,004 5,432 3,222 13,610 936,237	473,850 2,835 4,743 2,861 1,697 7,169 493,155	5,938,491 41,010 81,557 60,901 47,673 298,606	41.61 41.66 41.72 41.77 41.82 41.86	142,718 984 1,955 1,458 1,140 7,133
INTERI PROBAE	CREEK UNIT 1 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 12-202				
1965 1972 1975 1977 1980 1981 1987 1991 1995 1996 1997 1998 1999 2001 2002 2003 2004 2005 2007 2008 2009 2011	11,431.71 15,527,403.76 218,872.61 4,197.77 19,261.28 8,073.16 63,301.24 3,386.36 24,680.99 38,411.41 9,807.25 289,774.86 37,622.65 98,083.06 180,486.93 741,965.92 357,057.23 439,217.59 22,336.81 272,031.03 52,008.41 119,120.13	11,276 15,151,597 212,411 4,057 18,485 7,728 59,480 3,131 22,344 34,557 8,763 257,042 33,108 84,699 154,236 626,707 297,713 360,913 17,730 211,383 39,435 84,877	10,891 14,634,574 205,163 3,919 17,854 7,464 57,450 3,024 21,582 33,378 8,464 248,271 31,978 81,809 148,973 605,322 287,554 348,597 17,125 204,170 38,089 81,981	1,341 1,979,748 29,031 573 2,755 1,174 10,282 599 4,827 7,722 2,030 61,788 8,278 23,140 44,148 188,582 94,497 121,365 6,775 86,903 17,560 45,478	4.44 4.46 4.46 4.47 4.48 4.48 4.48 4.48 4.48 4.48 4.49 4.49	302 443,890 6,509 128 616 263 2,295 134 1,077 1,724 453 13,792 1,848 5,154 9,833 42,000 21,046 27,030 1,509 19,355 3,911 10,129



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	TEAR 12-202				
2012	103,784.67	71,001	68 , 578	42,471	4.49	9,459
2015	465.17	262	253	245	4.49	55
2016	111,292.14	56,031	54,119	64,964	4.49	14,469
	18,754,074.14	17,828,966	17,220,582	2,846,277		636,981
INTERI PROBAE	CREEK UNIT 2 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2028				
1975	9,676,274.53	8,759,364	6,791,817	3,561,797	7.87	452,579
1976	96,856.85	87,372	67,746	35,891	7.88	4,555
1977	4,197.78	3,774	2,926	1,565	7.88	199
1979	3,493.45	3,117	2,417	1,321	7.89	167
1986	5,995.00	5,176	4,013	2,401	7.92	303
1998	184,368.44	144,273	111,866	85 , 408	7.95	10,743
2003	120,824.91	87 , 686	67 , 990	61,293	7.96	7,700
2005	22,227.29	15,476	12,000	11,783	7.96	1,480
2006	171,004.69	116,195	90,095	92,880	7.96	11,668
2007	5,838.00	3,860	2,993	3,254	7.96	409
2011	500,905.40	283,056	219,475	316,493	7.97	39,711
2012	313,472.11	167,392	129,792	205,623	7.97	25,800
2015	8,176,141.41	3,360,113	2,605,357	6,143,114	7.97	770,780
2016	170,882.49	60,745	47,100	135,744	7.98	17,011
2017	208,405.30	60,632	47,013	175 , 981	7.98	22,053
2018	13,005.40	2 , 778	2,154	11,762	7.98	1,474
2020	121,646.63	3,954	3,066	127,096	7.98	15,927
	19,795,539.68	13,164,963	10,207,821	10,973,406		1,382,559

MILL CREEK UNIT 2 SCRUBBER
INTERIM SURVIVOR CURVE.. IOWA 95-R2.5
PROBABLE RETIREMENT YEAR.. 6-2028
NET SALVAGE PERCENT.. -7

2015 465.17 191 498 465.17 191 498



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 3 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2039				
INTERI PROBAE	6,510.54 21,039,646.63 105,992.50 436,730.18 164,685.65 31,410.69 7,192.32 21,186.01 249,234.02 160,652.50 240,970.16 414,775.80 229,013.42 2,938,080.04 46,144.42 972,807.99 27,065,032.87 CREEL UNIT 3 SCR EM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 95-R EAR 6-2039	2.5	1,153 4,039,381 22,023 98,311 38,568 7,652 2,506 9,091 116,578 78,495 123,116 243,399 141,011 2,470,248 43,572 1,024,076 8,459,181	18.32 18.37 18.41 18.46 18.48 18.50 18.64 18.71 18.73 18.74 18.75 18.78 18.79 18.84 18.85	63 219,890 1,196 5,326 2,087 414 134 486 6,224 4,189 6,566 12,961 7,505 131,117 2,312 54,299 454,769
INTERI PROBAE	124,786.75 28.09 10,561.49 135,376.33 CREEK UNIT 4 EM SURVIVOR CURV BLE RETIREMENT Y	EAR 6-2039				
1978 1983	15,826.75 2,908,732.43 32,457,933.93	11,611 2,047,891	11,798 2,080,790 23,004,896	5,137 1,031,554 11,725,093	18.39	281 56,093 636,887



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBAI	CREEK UNIT 4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2039				
1985	16,032.01	11,074	11,252	5,902	18.43	320
1986	10,849,210.09	7,415,841	7,534,973	4,073,681	18.46	220,676
1987	2,546,989.84	1,722,240	1,749,907	975,372	18.48	52 , 780
1988	1,132,027.85	756,826	768,984	442,286	18.50	23,907
1989	420,234.94	277,687	282,148	167,503	18.51	9,049
1990	139,393.92	90,954	92,415	56,736	18.53	3,062
1991	31,466.81	20,261	20,586	13,083	18.55	705
1994	168,295.50	103,623	105,288	74,789	18.60	4,021
1995	1,104,697.28	669,027	679 , 775	502,251	18.61	26,988
1996	311,789.92	185,457	188,436	145,179	18.63	7,793
1997	227,958.65	133,078	135,216	108,700	18.64	5,832
1998	442,793.64	253 , 207	257 , 275	216,515	18.66	11,603
1999	56,695.66	31,727	32,237	28,428	18.67	1,523
2000	74,447.42	40,695	41,349	38,310	18.68	2,051
2001	571,427.17	304,485	309,376	302,051	18.70	16,152
2002	578 , 577.27	299 , 986	304,805	314,273	18.71	16,797
2003	1,368,701.79	688 , 965	700,033	764 , 478	18.72	40,838
2004	292,312.92	142,425	144,713	168,062	18.73	8 , 973
2005	364,991.49	171,678	174,436	216,105	18.74	11,532
2006	166,238.65	75 , 191	76 , 399	101,476	18.75	5,412
2007	19,894.23	8,617	8 , 755	12,531	18.76	668
2008	25,127.93	10,373	10,540	16,347	18.77	871
2009	908,546.90	355 , 154	360,859	611,286	18.78	32,550
2010	257,491.80	94,632	96,152	179,364	18.79	9,546
2011	1,236,829.35	423,583	430,388	893,020	18.80	47,501
2012	252,495.83	79 , 695	80 , 975	189 , 195	18.81	10,058
2013	479,312.70	137,443	139,651	373,214	18.82	19,831
2014	7,358,389.81	1,884,044	1,914,310	5,959,167	18.82	316,640
2015	879 , 677.92	195 , 301	198,438	742 , 817	18.83	39,449
2016	340,734.69	63,190	64,205	300,381	18.84	15,944
2017	1,431,041.19	208,521	211,871	1,319,343	18.84	70 , 029
2018	1,177,406.23	119,759	121,683	1,138,142	18.85	60 , 379
2019	1,645,381.72	87 , 799	89,209	1,671,349	18.86	88,619
2020	227,863.28	3,189	3,240	240,573	18.86	12,756
	72,486,969.51	41,766,404	42,437,364	35,123,693		1,888,116



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

ORIGINAL CALCULATED ALLOC. BOOK FUTURE BOOK REM. ANNUAL

YEAR (1)	COST (2)	ACCRUED (3)	RESERVE (4)	ACCRUALS (5)	LIFE (6)	ACCRUAL (7)
INTERIM PROBABLE	EK UNIT 4 SCR SURVIVOR CURV RETIREMENT Y VAGE PERCENT	E IOWA 95-R EAR 6-2039				
1984 2001 2004 2005 2006 2013 2014 2017	1,778,680.44 320,219.90 58,236.12 212,084.02 14,020.31 12,043.50 7,305.53 55,594.11 18,363.52	1,252,279 223,371 31,031 103,335 6,595 5,447 2,095 14,234 2,676	1,751,969 312,501 43,413 144,568 9,227 7,620 2,931 19,914 3,744	151,219 30,134 18,900 82,362 5,775 5,266 4,886 39,572 15,905	18.39 18.41 18.70 18.73 18.74 18.75 18.82 18.82 18.82	8,223 1,637 1,011 4,397 308 281 260 2,103 844
TRIMBLE INTERIM PROBABLE	2,476,547.45 COUNTY UNIT 1 SURVIVOR CURV RETIREMENT Y VAGE PERCENT	EAR 6-2045		354,019		19,064
1990 10 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2006 2007 2008 2009 2010 2011 2013	2,947,499.01 261,010.60 362,457.24 520,162.37 124,393.22 540,527.91 291,947.64 20,033.30 112,766.78 60,760.43 259,907.60 446,282.16 80,252.62 5,878.80 3,126.83 510,515.04 150,166.01 85,397.39 33,353.80 43,040.44	62,159,247 149,969 204,467 287,853 67,424 286,595 151,243 10,119 55,457 29,019 120,350 199,863 34,650 2,334 1,183 183,114 50,784 26,985 9,765 10,413	64,765,727 156,258 213,041 299,923 70,251 298,613 157,585 10,543 57,782 30,236 125,397 208,244 36,103 2,432 1,233 190,792 52,913 28,117 10,174 10,850	49,505,997 133,464 189,287 277,457 67,825 301,373 166,477 11,694 67,389 37,208 163,101 287,129 52,977 4,094 2,238 375,879 113,771 66,675 26,848 36,925	24.12 24.22 24.25 24.27 24.30 24.33 24.35 24.40 24.43 24.45 24.47 24.49 24.53 24.55 24.57 24.58 24.60 24.62	2,052,487 5,510 7,806 11,432 2,791 12,387 6,837 480 2,762 1,523 6,671 11,734 2,163 167 91 15,298 4,629 2,710 1,090 1,498



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	E COUNTY UNIT 1 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 95-F EAR 6-2045				
2017 2018 2019	116,477.02 238,665.77 709,160.43	13,794 19,562 30,007	14,372 20,382 31,265	114,917 244,537 755,903	24.70 24.71 24.73	4,653 9,896 30,566
	107,923,782.41	64,104,197	66,792,233	53,003,165		2,195,181
INTERI PROBAE	LE COUNTY UNIT 1 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 95-F EAR 6-2045				
1990	101,916.70	61,537	35,998	77,130	24.12	3,198
1996 2004	20,052.22 61,254.94	10,869 26,447	6,358 15,471	15,900 52,522	24.30 24.49	654 2,145
2013	705,791.36	170,756	99,888	683,540	24.65	27,730
	889,015.22	269,609	157,715	829,092		33,727
INTERI PROBAE	LE COUNTY UNIT 2 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 95-F EAR 6-2066				
1990	22,344.25	9,945	10,646	14,157	42.07	337
2011 2012	15,051,811.63 409,666.94	2,748,218 67,687	2,941,799 72,455	13,765,712 382,276	44.19 44.26	311,512 8,637
2012	86,118.30	12,681	13,574	82,017	44.33	1,850
2014	154,925.17	19,933	21,337	150,630	44.39	3,393
2015 2016	168,441.83 404,816.59	18,390 36,024	19,685 38,561	167,285 410,785	44.46 44.52	3,763 9,227
2017	433,837.63	29,611	31,697	449,863	44.57	10,093
2018	615,631.26	28,605	30,620	652,731	44.63	14,625
2019 2020	1,003,723.57 258,725.59	23,909 1,597	25,593 1,709	1,088,540 285,476	44.68 44.72	24,363 6,384
	18,610,042.76	2,996,600	3,207,677	17,449,470		394,184



ACCOUNT 311 STRUCTURES AND IMPROVEMENTS

YEAR (1)	COST		ALLOC. BOOK RESERVE (4)			ANNUAL ACCRUAL (7)
INTER PROBA	BLE COUNTY UNIT 2 RIM SURVIVOR CURV BLE RETIREMENT Y BALVAGE PERCENT.	/E IOWA 95-F /EAR 6-2066				
2011 2012 2017 2018	411.79 17,000.09	68	10,806 58 987 6,554	66,363 399 17,883 177,359	44.26 44.57	1,502 9 401 3,974
INTER PROBA	252,621.17 SLE COUNTY TRAINS RIM SURVIVOR CURV BLE RETIREMENT Y SALVAGE PERCENT.	ING CENTER VE IOWA 95-F YEAR 6-2066	32.5	262 , 004		5,886
2017 2018 2019 2020	12,498.27 135,994.85	38,336 549 3,064 20	19,225 275 1,537 10	604,231 12,848 141,258 3,620	44.63 44.68	288
	745,718.89 274,490,102.89		·	761,958 136,530,502		17,088 7,182,943
	COMPOSITE REMAI	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	г 19.0	2.62



ACCOUNT 311.2 STRUCTURES AND IMPROVEMENT - RETIRED PLANT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABLE	UNIT 1 SURVIVOR CURV RETIREMENT Y AGE PERCENT	EAR 12-201				
2014 2015	33,589.49 32,299.10	36,948 35,529	36,948 35,529			
	65,888.59	72,477	72,477			
PROBABLE	UNIT 2 SURVIVOR CURV RETIREMENT Y AGE PERCENT	EAR 12-201				
2016	373.59	411	411			
	373.59	411	411			
PROBABLE	UNIT 3 SURVIVOR CURV RETIREMENT Y AGE PERCENT	EAR 12-201				
2016	249.15	274	274			
	249.15	274	274			
PROBABLE	UNIT 4 SURVIVOR CURV RETIREMENT Y AGE PERCENT	EAR 12-201				
1964	215.51	237				
1969 2013	24.47 127.11	27 140	27 140			
2016	124.53	137	137			
	491.62	541	541			



ACCOUNT 311.2 STRUCTURES AND IMPROVEMENT - RETIRED PLANT

YEAR (1)	ORIGINAL COST (2)		ALLOC. BOOK RESERVE (4)	ACCRUALS	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	JN UNIT 4 SCRUB 4 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 95-R EAR 12-201				
2014 2016	17,192.20 373.59		18,911 411			
	17,565.79	19,322	19,322			
INTERIN PROBABI	JN UNIT 5 AND UI M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 95-R EAR 12-201	.2.5			
1979	5.68	6	6			
1980		6	6			
1997	42,255.93	46,482	46,482			
2012	133,003.43	146,304	146,304			
2015	28,789.01	31,668	31,668			
2016	373.59	411	411			
	204,433.27	224,877	224,877			
INTERIN PROBABI	JN UNIT 6 AND UI 4 SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 95-R EAR 12-201	.2.5			
1973	155,413.00	170,954	170,954			
	10,404.66					
1978		114,412				
		852,861				
		162,656				
1987	240,188.77	264,208	264,208			
1998	6,924.37	7,617	7,617			
1999	0.21	,, 01,	0			
2001	236,769.12	260,446	260,446			
2001	519,538.22	571,492	571,492			
2002	57,879.48	63,667	63,667			
2003		1,548,155				
	1,407,414.03		1,548,155			
2010	65,760.89	72,337	72,337			
2011	442,110.71	486,322	486,322			



ACCOUNT 311.2 STRUCTURES AND IMPROVEMENT - RETIRED PLANT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABL	N UNIT 6 AND U SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 95-R EAR 12-201	2.5			
2013 2014 2016	22,534.02 3,801,278.68 373.59	24,787 4,181,407 411	24,787 4,181,407 411			
	7,993,797.66	8,793,177	8,793,177			
	8,282,799.67	9,111,079	9,111,079			

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

ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	CREEK UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 12-202				
1972 1973 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1986 1987 1988 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002	20,539,055.83 7,875.43 265,320.08 1,821.92 35,816.91 119,342.82 5,258.44 40,473.88 68,546.02 350,502.00 200,425.09 13,324.05 361,165.40 186,502.84 1,185.12 64,563.44 48,372.08 23,285.15 330,734.56 272,815.11 449,017.28 775,321.29 4,163,228.13 3,361,192.84 203,312.67 962,802.63 496,398.14	19,795,374 7,577 254,351 1,743 34,201 113,701 4,999 38,383 64,855 330,708 188,615 12,504 336,796 173,290 1,097 59,555 44,036 21,085 297,908 244,357 399,733 685,344 3,653,618 2,926,597 175,519 823,407 419,892	10,030,466 3,839 128,882 883 17,330 57,613 2,533 19,449 32,863 167,572 95,573 6,336 170,657 87,807 556 30,177 22,313 10,684 150,952 123,818 202,548 347,269 1,851,316 1,482,929 88,937 417,227 212,762	11,946,323 4,587 155,011 1,066 20,994 70,084 3,093 23,858 40,482 207,465 118,882 7,921 215,790 111,751 712 38,906 29,445 14,231 202,934 168,095 277,901 482,325 2,603,338 2,113,547 128,608 612,972 318,384	4.31 4.32 4.33 4.34 4.35 4.35 4.35 4.36 4.37 4.37 4.37 4.37 4.38 4.39 4.39 4.40 4.41 4.41 4.41 4.41 4.41 4.42 4.42 4.42	2,771,769 1,062 35,799 246 4,837 16,111 711 5,472 9,285 47,475 27,204 1,813 49,267 25,456 162 8,862 6,692 3,227 46,017 38,117 63,016 109,123 588,990 478,178 29,097 138,681 71,870
2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014	2,979,926.02 2,637,112.61 298,953.89 1,876,339.42 141,819.17 3,049,376.88 101,933.21 11,986.69 3,542,654.92 125,784.70 6,461,711.58 448,194.73	2,492,020 2,177,373 243,324 1,502,630 111,517 2,345,944 76,545 8,749 2,499,965 85,244 4,165,773 271,426	1,262,725 1,103,291 123,294 761,394 56,507 1,188,708 38,786 4,433 1,266,751 43,194 2,110,829 137,534	1,925,795 1,718,419 196,587 1,246,289 95,240 2,074,126 70,283 8,393 2,523,890 91,396 4,803,203 342,035	4.43 4.43 4.43 4.43 4.44 4.44 4.44 4.44	434,717 387,905 44,376 281,329 21,499 467,145 15,830 1,890 568,444 20,585 1,081,802 77,035



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT.	YEAR 12-202				
2015 2016 2017 2018 2019 2020	116,731,827.79 383,790.87 943,241.82 473,318.94 11,268,504.67 118,536.65	65,008,293 191,280 399,872 154,311 2,176,102 6,746	32,940,196 96,923 202,618 78,191 1,102,647 3,418	91,962,860 313,733 806,651 428,261 10,954,653 123,416	4.45 4.45 4.45 4.45 4.45 4.45	20,665,811 70,502 181,270 96,238 2,461,720 27,734
	184,942,673.71	115,026,359	58,284,730	139,603,931		31,484,371
INTERI PROBAE	CREEK UNIT 1 SCE M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	/E IOWA 57-R /EAR 12-202				
1991	5,456,085.36	4,989,690	3,272,100	2,565,911	4.40	583,162
1997	2,685,050.95	2,373,446	1,556,440	1,316,565	4.42	297,865
1998	39.61	35	23	19	4.42	1 106
2001 2002	9,599.04 2,652,960.86	8,209 2,244,081	5 , 383	4,888 1,367,062	4.42 4.43	1,106 308,592
2002	5,225,116.30	4,369,604	1,471,606 2,865,465	2,725,410	4.43	615,217
2003	100,971.20	83,368	54,670	53,369	4.43	12,047
2005	54,427.99	44,300	29,051	29,187	4.43	6,588
2008	333,733.46	256,748	168,368	188,727	4.44	42,506
2009	97,149.36	72,953	47,841	56,109	4.44	12,637
2018	102,525.32	33,425	21,919	87,783	4.45	19,727
2019	94,317.37	18,214	11,944	88,975	4.45	19,994
	16,811,976.82	14,494,073	9,504,810	8,484,005		1,919,445
INTERI PROBAE	CREEK UNIT 2 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT.	YEAR 6-2028				
1975	16,632,049.47	14,759,000	6,510,141	11,286,152	7.46	1,512,889
1979	327,798.84	286,864	126,535	224,210	7.52	29,815
1980	2,634.46	2,296	1,013	1,806	7.54	240
1981	148,305.42	128,743	56,788	101,899	7.55	13,497
1982	70,679.74	61,082	26,943	48,684	7.57	6,431



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
MTT.T.	CREEK UNIT 2					
	IM SURVIVOR CUR	/E IOWA 57-R	1			
	BLE RETIREMENT)					
	ALVAGE PERCENT					
1983	83,301.87	71,670	31,613	57 , 520	7.58	7,588
1984	80,377.49	68 , 807	30,351	55 , 653	7.60	7,323
1986	15,392.61	13,043	5,753	10,717	7.62	1,406
1987	20,698.83	17,442	7,694	14,454	7.63	1,894
1988	963.59	807	356	675	7.64	88
1989	64,563.44	53,746	23,707	45,376	7.65	5,932
1992	27,382.97	22,314	9,843	19,457	7.68	2,533
1993	4,287.61	3,466	1,529	3 , 059	7.69	398
1995	154,316.73	122,513	54,040	111,079	7.71	14,407
1996	46,271.80	36,372	16,044	33,467	7.72	4,335
1997	648,626.26	504,393	222,486	471,544	7.73	61,002
1998	3,474,151.24	2,671,654	1,178,457	2,538,885	7.73	328,446
1999	1,444,123.25	1,096,606	483,709	1,061,503	7.74	137,145
2001	2,429,671.48	1,793,826	791 , 250	1,808,498	7.75	233,355
2002	5,996,535.49	4,355,444	1,921,170	4,495,123	7.76	579 , 268
2003	2,880,639.68	2,054,867	906,394	2,175,890	7.77	280,037
2004	1,373,435.07	960,955	423,874	1,045,702	7.77	134,582
2005	1,683,302.66	1,152,095	508,185	1,292,949	7.78	166,189
2006	352,406.11	235,423	103,844	273,230	7.78	35,120
2008	1,030,576.49	649,412	286,453	816,264	7.79	104,784
2009	412,257.46	250,602	110,540	330,576	7.80	42,382
2010	4,457,281.57	2,601,410	1,147,472	3,621,819	7.80	464,336
2011	410,920.22	228,495	100,788	338,896	7.81	43,393
2012	4,250,237.46	2,233,902	985,366	3,562,388	7.81	456,132
2014	2,660,793.03	1,199,091	528,915	2,318,134	7.82	296,437
2015	148,634,673.12	60,177,215	26,543,950	132,495,150	7.82	16,943,114
2016	3,688,099.88	1,291,692	569,761	3,376,506	7.83	431,227
2017	620,928.88	178,204	78 , 605	585 , 789	7.83	74,813
2018	7,431,712.65	1,564,304	690,009	7,261,924	7.84	926,266
2019	1,158,035.58	135,173	59,624	1,179,474	7.84	150,443
2020	166,738.53	5,293	2,335	176,076	7.85	22,430
	212,884,170.98	100,988,221	44,545,536	183,240,527		23,519,677



ACCOUNT 312 BOILER PLANT EQUIPMENT

INTER	ORIGINAL COST (2) CREEK UNIT 2 SCR IM SURVIVOR CURV BLE RETIREMENT Y	E IOWA 57-R		FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	ALVAGE PERCENT					
1984 2002	97,760.91 203,535.72	83,689 147,833	23,527 41,560	81,077 176,223	7.60 7.76	10,668 22,709
2005	6,998.17	4,790	1,347	6,141	7.78	789
2008	102,754.90	64 , 750	18,203	91,745	7.79	11,777
2009	229,511.81	139,515	39,222	206 , 356	7.80	26,456
	109,957,362.18	44,518,063	12,515,337	105,139,041	7.82	13,444,890
2016	34,447.60	12,065	3,392	33,467	7.83	4,274
2017	2,583,016.35	741,314	208,405	2,555,422	7.83	326,363
2018	64,009.12	13,473	3,788	64,702	7.84	8,253
2019	77,691.71	9,069	2,550	80,581	7.84	10,278
	113,357,088.47	45,734,561	12,857,330	108,434,755		13,866,457
INTER	CREEK UNIT 3 IM SURVIVOR CURV BLE RETIREMENT Y					
NET S	ALVAGE PERCENT					
NET S. 1979	4,767.06		2,637	2,464	16.14	153
		-7 3,366 2,400,527		2,464 1,787,979	16.14 16.23	153 110,165
1979	4,767.06 3,428,357.32 11,318.35	-7 3,366 2,400,527 7,858	2,637 1,880,363 6,155	1,787,979 5,955		110 , 165 365
1979 1980 1981 1982	4,767.06 3,428,357.32 11,318.35 40,341,726.61	-7 3,366 2,400,527 7,858 27,761,986	2,637 1,880,363 6,155 21,746,317	1,787,979 5,955 21,419,331	16.23 16.31 16.39	110,165 365 1,306,854
1979 1980 1981 1982 1984	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60	-7 3,366 2,400,527 7,858 27,761,986 2,972,577	2,637 1,880,363 6,155	1,787,979 5,955	16.23 16.31 16.39 16.55	110 , 165 365
1979 1980 1981 1982 1984 1985	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139	2,637 1,880,363 6,155 21,746,317 2,328,457 892	1,787,979 5,955 21,419,331 2,383,113 931	16.23 16.31 16.39 16.55 16.62	110,165 365 1,306,854 143,995 56
1979 1980 1981 1982 1984 1985 1986	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018	1,787,979 5,955 21,419,331 2,383,113 931 332,354	16.23 16.31 16.39 16.55 16.62 16.69	110,165 365 1,306,854 143,995 56 19,913
1979 1980 1981 1982 1984 1985 1986	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653	16.23 16.31 16.39 16.55 16.62 16.69 16.76	110,165 365 1,306,854 143,995 56 19,913 4,096
1979 1980 1981 1982 1984 1985 1986 1987 1988	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446
1979 1980 1981 1982 1984 1985 1986 1987 1988 1990	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241
1979 1980 1981 1982 1984 1985 1986 1987 1988 1990	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188
1979 1980 1981 1982 1984 1985 1986 1987 1988 1990 1992 1993	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518
1979 1980 1981 1982 1984 1985 1986 1987 1988 1990 1992 1993 1994	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174
1979 1980 1981 1982 1984 1985 1986 1987 1988 1990 1992 1993 1994 1995	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19 17.24	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146
1979 1980 1981 1982 1984 1985 1986 1987 1988 1990 1992 1993 1994 1995 1996	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31 261,791.90	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641 150,342	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309 117,765	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998 162,353	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19 17.24 17.29	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146 9,390
1979 1980 1981 1982 1984 1985 1986 1987 1998 1990 1992 1993 1994 1995 1996 1997	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31 261,791.90 274,542.97	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641 150,342 154,742	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309 117,765 121,211	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998 162,353 172,550	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19 17.24 17.29 17.33	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146 9,390 9,957
1979 1980 1981 1982 1984 1985 1986 1987 1998 1992 1993 1994 1995 1996 1997 1998	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31 261,791.90 274,542.97 79,645.44	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641 150,342 154,742 43,975	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309 117,765 121,211 34,446	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998 162,353 172,550 50,774	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.13 17.19 17.24 17.29 17.33 17.38	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146 9,390 9,957 2,921
1979 1980 1981 1982 1984 1985 1986 1987 1998 1993 1994 1995 1996 1997 1998 1999	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31 261,791.90 274,542.97 79,645.44 499,059.76	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641 150,342 154,742 43,975 269,651	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309 117,765 121,211 34,446 211,221	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998 162,353 172,550 50,774 322,773	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19 17.24 17.29 17.33 17.38 17.42	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146 9,390 9,957 2,921 18,529
1979 1980 1981 1982 1984 1985 1986 1987 1998 1993 1994 1995 1996 1997 1998 1999 2000	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31 261,791.90 274,542.97 79,645.44 499,059.76 9,899.82	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641 150,342 154,742 43,975 269,651 5,223	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309 117,765 121,211 34,446 211,221 4,091	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998 162,353 172,550 50,774 322,773 6,502	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19 17.24 17.29 17.33 17.38 17.42 17.47	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146 9,390 9,957 2,921 18,529 372
1979 1980 1981 1982 1984 1985 1986 1987 1998 1993 1994 1995 1996 1997 1998 1999	4,767.06 3,428,357.32 11,318.35 40,341,726.61 4,403,336.60 1,704.37 602,216.59 123,117.61 401,560.78 65,980.65 63,366.14 72,295.22 175,632.11 2,173,184.31 261,791.90 274,542.97 79,645.44 499,059.76	-7 3,366 2,400,527 7,858 27,761,986 2,972,577 1,139 398,331 80,533 259,641 41,601 38,858 43,690 104,431 1,270,641 150,342 154,742 43,975 269,651	2,637 1,880,363 6,155 21,746,317 2,328,457 892 312,018 63,083 203,380 32,587 30,438 34,223 81,802 995,309 117,765 121,211 34,446 211,221	1,787,979 5,955 21,419,331 2,383,113 931 332,354 68,653 226,290 38,013 37,364 43,133 106,124 1,329,998 162,353 172,550 50,774 322,773	16.23 16.31 16.39 16.55 16.62 16.69 16.76 16.83 16.96 17.08 17.13 17.19 17.24 17.29 17.33 17.38 17.42	110,165 365 1,306,854 143,995 56 19,913 4,096 13,446 2,241 2,188 2,518 6,174 77,146 9,390 9,957 2,921 18,529



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)		
INTER PROBA	CREEK UNIT 3 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT.	YEAR 6-2039						
2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	16,872,220.78 52,849,370.86 107,671.37 944,150.35 1,996,474.13 46,235.80 850,139.02 98,917.56 2,020,997.52 622,554.20 11,697,943.12 190,039.04 864,249.38 153,823,610.03 1,189,192.61 4,652,529.71 2,260,739.55 10,512,211.69	8,199,979 24,867,347 48,908 412,481 835,692 18,449 321,424 35,174 669,759 190,248 3,253,492 47,106 185,772 27,672,729 167,122 459,190 116,160 135,427	6,423,148 19,478,909 38,310 323,102 654,608 14,451 251,776 27,552 524,631 149,024 2,548,502 36,899 145,518 21,676,401 130,909 359,689 90,990 106,082	11,630,128 37,069,918 76,898 687,139 1,481,619 35,021 657,873 78,290 1,637,837 517,109 9,968,297 166,443 779,229 142,914,862 1,141,527 4,618,517 2,328,002 11,141,985	17.58 17.62 17.65 17.68 17.71 17.74 17.77 17.80 17.83 17.86 17.88 17.91 17.94 17.96 17.99 18.01 18.04	661,554 2,103,855 4,357 38,865 83,660 1,974 37,022 4,398 91,858 28,953 557,511 9,293 43,435 7,957,398 63,453 256,442 129,047 616,943		
INTER PROBA	315,305,719.18 104,004,271 81,467,868 255,909,252 14,447,980 MILL CREEL UNIT 3 SCRUBBER INTERIM SURVIVOR CURVE IOWA 57-R1 PROBABLE RETIREMENT YEAR 6-2039 NET SALVAGE PERCENT7							
1982 1995 1996 2001 2003 2004 2007 2013 2016	612,880.78 18,556.75 185,176.23 1,421,681.54 682,427.14 492,264.70 72,067.10 232,063.36 145,516,787.92	421,766 10,850 106,343 731,271 331,663 231,627 30,166 64,543 26,178,339	201,018 5,171 50,684 348,530 158,074 110,396 14,377 30,762 12,476,838	454,765 14,685 147,455 1,172,669 572,123 416,328 62,734 217,546 143,226,126	16.39 17.24 17.29 17.51 17.58 17.62 17.71 17.88 17.96	27,746 852 8,528 66,971 32,544 23,628 3,542 12,167 7,974,729		



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	CREEL UNIT 3 SCR IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 57-R EAR 6-2039				
2017	546,111.42	76,747	36,578	547,761	17.99	30,448
2019	118,237.96	6,075	2,895	123,619	18.04	6,852
2020	28,009.44	361	172	29,798	18.06	1,650
	149,926,264.34	28,189,751	13,435,495	146,985,608		8,189,657
MTTT	CREEK UNIT 4					
	CREEK UNII 4 IM SURVIVOR CURV	E TOWA 57-R	:1			
	BLE RETIREMENT Y					
NET S.	ALVAGE PERCENT	- 7				
1980	333,040.44	233,194	182,739	173,614	16.23	10,697
1981	227,438.94	157,909	123,743	119,617	16.31	7,334
1984	69,233,057.76	46,737,416	36,625,056	37,454,316	16.55	2,263,101
1985	332,766.67	222,417	174,294	181,767	16.62	10,937
1986	8,387,632.59	5,547,932	4,347,551	4,627,215	16.69	277,245
1987	376,721.61	246,418	193,102	209,990	16.76	12,529
1988	65,864.72	42,587	33,373	37,103	16.83	2,205
1989	781,630.54 1,327,667.49	499,373	391 , 326	445,019	16.89	26,348
1990 1991		837,091	655,973	764,631 2,924,750	16.96 17.02	45,084
1991	5,021,081.98 844,777.73	3,123,659 518,041	2,447,807 405,955	497,957	17.02	171,842 29,154
1993	114,757.39	69,351	54,346	68,445	17.08	3,996
1994	250,426.34	148,903	116,686	151,271	17.19	8,800
1995	684,262.14	400,082	313,518	418,642	17.19	24,283
1996	2,938,778.56	1,687,681	1,322,525	1,821,968	17.29	105,377
1997	833,272.62	469,660	368,042	523,560	17.33	30,211
1998	3,451,176.96	1,905,501	1,493,216	2,199,543	17.38	126,556
1999	1,787,229.55	965,672	756,734	1,155,602	17.42	66,338
2000	5,871,514.94	3,097,534	2,427,335	3,855,186	17.47	220,675
2001	23,419,141.27	12,046,113	9,439,751	15,618,730	17.51	891,989
2002	3,338,466.55	1,671,771	1,310,058	2,262,102	17.54	128,968
2003	62,038,976.27	30,151,234	23,627,550	42,754,155	17.58	2,431,977
2005	2,556,930.89	1,161,451	910,153	1,825,763	17.65	103,443
2006	8,675,666.57	3,790,234	2,970,158	6,312,805	17.68	357,059
2007	928,271.54	388,560	304,489	688,761	17.71	38,891
2008	3,687,741.26	1,471,499	1,153,118	2,792,766	17.74	157,428
2009	2,064,280.37	780,472	611,605	1,597,175	17.77	89,880
2010	2,044,123.09	726,876	569,605	1,617,607	17.80	90,877



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	CREEK UNIT 4 RIM SURVIVOR CURV BLE RETIREMENT Y BALVAGE PERCENT	YEAR 6-2039				
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	4,881,472.22 706,868.06 213,398,008.38 5,063,304.43 6,021,634.43 23,769,707.47 9,101,609.36 265,868,134.43	2,153,297 1,491,739 196,598 52,896,287 1,088,369 1,083,287 3,340,447 898,300 13,660,677 41,360	1,687,398 1,168,978 154,061 41,451,360 852,884 848,901 2,617,690 703,939 10,704,979 32,411	5,265,002 4,054,197 602,288 186,884,509 4,564,852 5,594,248 22,815,897 9,034,783 273,773,925 3,402,778	17.83 17.86 17.88 17.91 17.94 17.96 17.99 18.01 18.04	295,289 226,999 33,685 10,434,646 254,451 311,484 1,268,254 501,654 15,175,938 188,415
INTER PROBA	CREEK UNIT 4 SCF RIM SURVIVOR CURV BLE RETIREMENT Y BALVAGE PERCENT	/E IOWA 57-F /EAR 6-2039				
1983 1988 1989 1996 1997 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	230,585.19 7,208.39 3,886,907.16 68,399.24 21,282,177.05 1,393,120.25 5,020,125.34 395,152.08 10,864.24 198,430.50 419,388.57 311,238.50 7,529.57	3,343,219 149,092 4,605 2,232,172 38,552 11,227,472 716,580 2,513,878 192,046 5,112 90,134 183,223 130,279 3,004	1,426,315 63,607 1,965 952,310 16,447 4,789,969 305,714 1,072,494 81,932 2,181 38,454 78,168 55,581 1,282	3,820,912 183,119 5,748 3,206,681 56,740 17,981,960 1,184,925 4,299,040 340,880 9,444 173,867 370,577 277,444 6,775	16.47 16.83 16.89 17.29 17.33 17.47 17.51 17.54 17.62 17.65 17.68 17.71	231,992 10,881 340 185,464 3,274 1,029,305 67,671 245,099 19,390 536 9,851 20,960 15,666 382
2010 2011 2012 2013 2014	55,099.59 2,128,403.02 10,008,081.72 41,878.74	65,337 19,593 705,354 3,058,390 11,648 33,994,722	27,875 8,359 300,925 1,304,799 4,969 14,503,147	157,032 50,598 1,976,466 9,403,848 39,841 132,240,884	17.77 17.80 17.83 17.86 17.88 17.91	8,837 2,843 110,851 526,531 2,228 7,383,634



ACCOUNT 312 BOILER PLANT EQUIPMENT

INTER PROBA	ORIGINAL COST (2) CREEK UNIT 4 SCR IM SURVIVOR CURV BLE RETIREMENT Y	E IOWA 57-R EAR 6-2039		FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	ALVAGE PERCENT		200 041	5 054 604	15 00	000 000
2017 2018 2019 2020	5,004,359.19 2,152,446.79 549,876.82 70,335.53	703,282 212,440 28,253 906	300,041 90,633 12,054 387	5,054,624 2,212,485 576,315 74,872	17.99 18.01 18.04 18.06	280,969 122,848 31,947 4,146
	195,689,043.08	59,670,080	25,457,009	183,930,267		10,328,183
INTER PROBA	LE COUNTY UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 57-R EAR 6-2045				
	126,605,654.50	73,713,395	55,228,258	85,304,018	21.32	4,001,127
1992	38,267.84	21,564	16,156	26,321	21.52	1,223
1994 1995	196,865.96 12,880.29	106,922 6,859	80,109 5,139	138,412 9,158	21.72 21.81	6,373 420
1996	434,526.73	226,504	169,704	312,621	21.90	14,275
1997	1,429,634.78	728,654	545,929	1,040,965	21.99	47,338
1998	5,094,145.14	2,535,422	1,899,613	3,754,888	22.07	170,135
1999	224,925.11	109,167	81,791	167,876	22.15	7,579
2000	82,881.85	39,139	29,324	62,675	22.23	2,819
2001	475,951.02	218,354	163 , 597	364 , 708	22.30	16,355
2002	35,631,400.20	15,843,677	11,870,552	27,680,302	22.37	1,237,385
2003	5,176,645.95	2,224,996	1,667,033	4,079,044	22.44	181,776
2004	426,942.12	176,971	132,592	341,314	22.50 22.56	15,170
2005 2006	1,875,198.04 263,634.44	747,060 100,546	559,719 75,332	1,521,750 217,302	22.50	67 , 453 9 , 607
2007	272,649.64	99,085	74,237	228,404	22.68	10,071
2008	4,413,630.64	1,520,102	1,138,905	3,760,225	22.74	165,357
2009	2,169,629.40	704,328	527 , 703	1,880,585	22.79	82 , 518
2010	8,495,536.43	2,578,646	1,931,998	7,498,047	22.85	328,142
2011	9,386,846.68	2,639,651	1,977,705	8,441,695	22.90	368,633
2012	588,820.22	151,587	113,573	540,017	22.95	23,530
2013	3,422,355.95	796,574	596,817	3,201,998	22.99	139,278
2014	404,146.80	83,252	62 , 375	386,228	23.04	16,763
2015 2016	85,910,747.57 2,569,112.46	15,233,909 377,596	11,413,696 282,906	83,947,234 2,568,809	23.09 23.13	3,635,653 111,060
	_, 0 0 0 , 1 1 2 . 1 0	0,030	202,000	2,000,000		, 500



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER] PROBAE	LE COUNTY UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT.	/E IOWA 57-R /EAR 6-2045				
2017 2018 2019	19,780,270.29 1,101,386.15 8,824,400.18	2,252,476 87,045 364,867	1,687,622 65,217 273,369	20,268,478 1,157,322 9,521,715	23.18 23.22 23.26	874,395 49,842 409,360
	325,309,086.38	123,688,348	92,670,973	268,422,113		11,993,637
INTER] PROBAE	LE COUNTY UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	/E IOWA 57-R /EAR 6-2045				
1990 1994 1996 1997 1998 1999 2002 2004 2005 2006 2007 2010 2012 2015 2016 2018 2019	48,964,573.31 253,366.21 7,760.87 146,964.06 546,174.12 100,597.08 1,958,503.95 3,912.29 4,281,077.44 4,579,814.50 850,100.00 33,337.92 552,605.79 89,147.45 3,384,658.53 556,748.60 1,844,332.94	28,508,560 137,609 4,045 74,904 271,838 48,825 870,858 1,622 1,705,539 1,746,672 308,938 10,119 142,264 15,808 497,461 44,001 76,259	25,487,389 123,026 3,616 66,966 243,030 43,651 778,570 1,450 1,524,796 1,561,570 276,199 9,047 127,188 14,133 444,743 39,338 68,178	28,863,287 158,210 4,998 96,164 363,223 68,012 1,395,370 2,893 3,227,200 3,522,024 667,412 27,958 486,205 84,821 3,312,228 578,653 1,979,032	21.32 21.72 21.90 21.99 22.07 22.15 22.37 22.50 22.62 22.68 22.68 22.85 22.95 23.09 23.13 23.22 23.26	1,353,813 7,284 228 4,373 16,458 3,071 62,377 129 143,050 155,704 29,427 1,224 21,185 3,673 143,201 24,920 85,083
INTER] PROBAE	68,153,675.06 LE COUNTY UNIT 2 LM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	/E IOWA 57-R /EAR 6-2066		44,837,691		2,055,200
2011 2012 2013	124,221,351.48 3,546,023.15 731,299.72	21,832,822 563,569 103,627	23,149,664 597,561 109,877	114,736,036 3,338,525 701,865	37.74 37.94 38.13	3,040,171 87,995 18,407



ACCOUNT 312 BOILER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	BLE COUNTY UNIT 2 RIM SURVIVOR CURVE BBLE RETIREMENT YE BALVAGE PERCENT	CAR 6-2066	L			
2014 2015 2016 2017 2018 2019 2020	2,368,378.15	402,343 470,258 216,747 286,484 105,393 2,560,663 161,908	426,610 498,622 229,820 303,763 111,750 2,715,109 171,673	3,187,683 4,464,002 2,574,510 4,564,275 2,517,150 122,256,261 31,825,878	38.32 38.50 38.68 38.86 39.03 39.19 39.32	83,186 115,948 66,559 117,454 64,493 3,119,578 809,407
	286,919,491.14	26,703,814	28,314,449	290,166,186		7,523,198
INTER PROBA	BLE COUNTY UNIT 2 RIM SURVIVOR CURVE BLE RETIREMENT YE BALVAGE PERCENT	E IOWA 57-R1 EAR 6-2066	L			
2011 2012 2013 2014 2016 2018 2019	14,357,017.63 298,031.71 141,070.30 275,467.84 18,889.14 233,288.43 28,662.52	2,523,352 47,366 19,990 34,038 1,621 10,381 652	3,777,774 70,913 29,928 50,959 2,427 15,542 976	12,158,516 259,902 126,661 254,810 18,540 243,409 30,839	37.74 37.94 38.13 38.32 38.68 39.03 39.19	322,165 6,850 3,322 6,650 479 6,236 787
	15,352,427.57	2,637,400	3,948,518	13,092,677		346,489
	2,634,787,079.69	851,551,192	554,852,014	2,292,199,549		162,098,333
	COMPOSITE REMAINI	ING LIFE AND A	ANNUAL ACCRUA	L RATE, PERCENT	14.	1 6.15



ACCOUNT 312.10 BOILER PLANT EQUIPMENT - ASH PONDS

YEAR (1)	COST			FUTURE BOOK ACCRUALS (5)	LIFE			
INTER: PROBA	CREEK UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 5-2021						
1972	411,750.29	404,005	399,686	12,064	0.92	12,064		
	411,750.29	404,005	399,686	12,064		12,064		
INTER: PROBA	LE COUNTY UNIT 1 IM SURVIVOR CURVI BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 100- EAR 9-2024						
1990	4,846,362.74	4,244,978	4,469,130	377,233	4.25	88,761		
	4,846,362.74	4,244,978	4,469,130	377,233		88,761		
INTER: PROBA	TRIMBLE COUNTY UNIT 2 INTERIM SURVIVOR CURVE IOWA 100-S4 PROBABLE RETIREMENT YEAR 9-2023 NET SALVAGE PERCENT 0							
2011	5,057,242.50	3,715,505	4,767,144	290,098	3.25	89,261		
	5,057,242.50	3,715,505	4,767,144	290,098		89,261		
	10,315,355.53	8,364,488	9,635,960	679,395		190,086		
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUA	L RATE, PERCENT	r 3.6	1.84		



ACCOUNT 314 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	REEK UNIT 1 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 12-202				
1972	9,492,030.46	9,218,827	5,678,793	4,477,679	4.33	1,034,106
1975	33,622.25	32,482	20,009	15,967	4.35	3,671
1988	9,480.76	8,845	5,449	4,696	4.42	1,062
1993	971,441.12	886 , 374	546,006	493,436	4.44	111,134
1994	185,064.18	167,961	103,464	94,555	4.44	21,296
1995 1996	28,446.40 254,031.63	25,672 227,848	15,814 140,354	14,624 131,460	4.44 4.44	3,294 29,608
1999	18,356.35	16,104	9,920	9,721	4.45	2,184
2002	180,996.96	154,261	95,025	98,642	4.46	22,117
2003	110,940.36	93,472	57 , 579	61,127	4.46	13,706
2004	691,281.91	575,058	354,235	385,436	4.46	86,421
2007	200,644.13	158,829	97,839	116,851	4.47	26,141
2008	175,609.64	136,118	83,849	104,054	4.47	23,278
2012	78,256.06	53,427	32,911	50,823	4.47	11,370
2013	6,135,993.11	3,980,867	2,452,212	4,113,300	4.48	918,147
2015	6,242,518.01	3,502,860	2,157,760	4,521,734	4.48	1,009,316
2017	289,718.68	123,584	76 , 128	233,871	4.48	52,203
2019	2,160,475.35	418,396	257 , 732	2,053,977	4.48	458 , 477
	27,258,907.36	19,780,985	12,185,078	16,981,953		3,827,531
INTERI PROBAB	REEK UNIT 2 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2028				
1974	1,119,923.17	1,010,733	689 , 799	508,519	7.50	67 , 803
1975	9,398,966.31	8,455,937	5,770,955	4,285,939	7.52	569,939
1977	32,117.17	28 , 700	19 , 587	14,778	7.56	1,955
1986	8,428.02	7,238	4,940	4,078	7.71	529
1988	95,857.98	81,386	55,544	47,024	7.73	6,083
1995	666,220.77	535,947	365,770	347,086	7.81	44,441
1996	37,365.50	29,760	20,310	19,671	7.82	2,515
1997	333,008.13	262,500	179,149	177,169	7.82	22,656
1999 2003	7,342.02 1,519,049.93	5,649	3 , 855	4,001 876 109	7.84 7.87	510
2005	196,319.25	1,097,881 136,133	749,275 92,907	876 , 109 117 , 154	7.88	111,323 14,867
2003	109,533.51	72,115	49,217	67,984	7.89	8,616
2008	56,103.77	35,785	24,422	35,609	7.90	4,507



ACCOUNT 314 TURBOGENERATOR UNITS

INTER: PROBA	ORIGINAL COST (2) CREEK UNIT 2 IM SURVIVOR CURV BLE RETIREMENT Y	EAR 6-2028		FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
2010	57,422.60	33 , 922	23,151	38,291	7.91	4,841
2010	266,698.44	150,203	102,510	182,858	7.91	23,117
2012	5,241,270.85	2,789,835	1,903,989	3,704,171	7.91	468,290
2013	75,226.48	37 , 360	25 , 497	54 , 995	7.92	6,944
2014	350,971.22	160,167	109,310	266,229	7.92	33,615
2015	7,505,834.09	3,071,147	2,095,977	5,935,265	7.93	748,457
2016	23,846.81	8,455	5 , 770	19,746	7.93	2,490
2017 2018	53,605.89 3,998,326.95	15,591 850,465	10,640 580,420	46,718 3,697,790	7.93 7.94	5,891 465,717
2010	156,779.14	18,597	12,692	155,062	7.94	19,529
2019	100,779.11	10,037	12,032	100,002	, • 5 1	13,023
	31,310,218.00	18,895,506	12,895,686	20,606,247		2,634,635
MILL (CREEK UNIT 3					
	IM SURVIVOR CURV					
PROBAI	BLE RETIREMENT Y	EAR 6-2039				
NET SA	ALVAGE PERCENT	-7			16 22	20 470
NET SA 1978	2,296,618.42	-7 1,688,467	1,812,714	644 , 668	16.33	39 , 478
NET SA 1978 1982	2,296,618.42 15,798,441.97	-7 1,688,467 11,222,110	1,812,714 12,047,897	4,856,436	16.75	289,936
NET SA 1978 1982 1989	2,296,618.42 15,798,441.97 2,208.14	-7 1,688,467 11,222,110 1,456	1,812,714 12,047,897 1,563	4,856,436 800	16.75 17.33	
NET SA 1978 1982	2,296,618.42 15,798,441.97	-7 1,688,467 11,222,110	1,812,714 12,047,897	4,856,436	16.75	289 , 936 46
1978 1982 1989 1993	2,296,618.42 15,798,441.97 2,208.14 27,779.22	-7 1,688,467 11,222,110 1,456 17,324	1,812,714 12,047,897 1,563 18,599	4,856,436 800 11,125	16.75 17.33 17.60	289 , 936 46 632
1978 1982 1989 1993 1994 1995 1996	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301	4,856,436 800 11,125 338,720 40,644 480,673	16.75 17.33 17.60 17.66 17.72 17.78	289,936 46 632 19,180 2,294 27,034
1978 1982 1989 1993 1994 1995 1996 1997	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799	4,856,436 800 11,125 338,720 40,644 480,673 77,656	16.75 17.33 17.60 17.66 17.72 17.78 17.83	289,936 46 632 19,180 2,294 27,034 4,355
1978 1982 1989 1993 1994 1995 1996 1997	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02	-7 1,688,467 11,222,110	1,812,714 12,047,897	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93	289,936 46 632 19,180 2,294 27,034 4,355 193
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342 4,093 47,115	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342 4,093 47,115 846,679	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56	-7 1,688,467 11,222,110	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006 2007	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56 23,053.86	-7 1,688,467 11,222,110	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028 10,675	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160 13,993	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23 18.26	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56	-7 1,688,467 11,222,110	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028 10,675 515,077	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766 40,156
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006 2007 2008	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56 23,053.86 1,168,159.07	-7 1,688,467 11,222,110	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028 10,675	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160 13,993 734,853	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23 18.26 18.30	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766
1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006 2007 2008 2009 2010 2011	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56 23,053.86 1,168,159.07 159,202.21 260,400.84 380,117.96	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342 4,093 47,115 846,679 48,462 9,943 479,773 61,965 95,338 129,701	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028 10,675 515,077 66,525 102,354 139,245	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160 13,993 734,853 103,822 176,275 267,481	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23 18.26 18.30 18.33 18.36 18.39	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766 40,156 5,664 9,601 14,545
NET SA 1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006 2007 2008 2009 2010 2011 2012	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56 23,053.86 1,168,159.07 159,202.21 260,400.84 380,117.96 3,017,515.58	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342 4,093 47,115 846,679 48,462 9,943 479,773 61,965 95,338 129,701 949,185	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028 10,675 515,077 66,525 102,354 139,245 1,019,031	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160 13,993 734,853 103,822 176,275 267,481 2,209,710	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23 18.26 18.30 18.33 18.36 18.39 18.42	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766 40,156 5,664 9,601 14,545 119,963
NET SA 1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006 2007 2008 2009 2010 2011 2012 2013	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56 23,053.86 1,168,159.07 159,202.21 260,400.84 380,117.96 3,017,515.58 1,050,730.77	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342 4,093 47,115 846,679 48,462 9,943 479,773 61,965 95,338 129,701 949,185 300,161	1,812,714 12,047,897	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160 13,993 734,853 103,822 176,275 267,481 2,209,710 802,033	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23 18.30 18.30 18.33 18.36 18.39 18.42	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766 40,156 5,664 9,601 14,545 119,963 43,471
NET SA 1978 1982 1989 1993 1994 1995 1996 1997 1999 2003 2004 2006 2007 2008 2009 2010 2011 2012	2,296,618.42 15,798,441.97 2,208.14 27,779.22 824,060.23 96,282.76 1,108,386.56 174,257.56 7,342.02 93,997.54 1,744,925.53 107,652.56 23,053.86 1,168,159.07 159,202.21 260,400.84 380,117.96 3,017,515.58	-7 1,688,467 11,222,110 1,456 17,324 505,804 58,103 656,958 101,342 4,093 47,115 846,679 48,462 9,943 479,773 61,965 95,338 129,701 949,185	1,812,714 12,047,897 1,563 18,599 543,024 62,379 705,301 108,799 4,394 50,582 908,982 52,028 10,675 515,077 66,525 102,354 139,245 1,019,031	4,856,436 800 11,125 338,720 40,644 480,673 77,656 3,462 49,995 958,088 63,160 13,993 734,853 103,822 176,275 267,481 2,209,710	16.75 17.33 17.60 17.66 17.72 17.78 17.83 17.93 18.11 18.15 18.23 18.26 18.30 18.33 18.36 18.39 18.42	289,936 46 632 19,180 2,294 27,034 4,355 193 2,761 52,787 3,465 766 40,156 5,664 9,601 14,545 119,963



ACCOUNT 314 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 3 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	TEAR 6-2039				
2016 2017 2018 2019 2020	475,678.68 140,774.32 233,059.26 629,634.02 7,803,305.69	87,977 20,365 23,588 33,409 106,290	94,451 21,864 25,324 35,867 114,111	414,525 128,765 224,050 637,841 8,235,426	18.52 18.55 18.57 18.59 18.61	22,383 6,942 12,065 34,311 442,527
	40,689,104.19	18,176,245	19,513,757	24,023,584		1,332,365
INTERI PROBAE	CREEK UNIT 4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	TEAR 6-2039				
1984	24,918,666.61	17,367,194	16,101,896	10,561,077	16.93	623,808
1989	2,208.14	1,456	1,350	1,013	17.33	58
1990	10,208.27	6,643	6,159	4,764	17.41	274
1991	2,123,839.66	1,363,823	1,264,461	1,008,048	17.47	57,702
1992 1993	1,626,712.57	1,029,763 18,909	954 , 739	785,843	17.54	44 , 803 847
1993	30,320.47 51,864.99	31,834	17,531 29,515	14,912 25,981	17.60 17.66	1,471
1994	209,000.84	123,878	114,853	108,778	17.78	6,118
1997	474,920.55	276,198	256,075	252,090	17.83	14,139
1998	63,359.58	36,104	33,474	34,321	17.88	1,920
1999	7,342.02	4,093	3,795	4,061	17.93	226
2000	2,816.43	1,533	1,421	1,592	17.98	89
2001	732,712.71	388,826	360,498	423,505	18.03	23,489
2003	253,031.34	126,830	117,590	153,154	18.11	8,457
2005	1,800,731.23	843,044	781,623	1,145,159	18.19	62 , 955
2006	906,191.19	407,940	378,219	591 , 405	18.23	32,441
2008	367 , 793.70	151 , 056	140,051	253 , 489	18.30	13,852
2009	25,026.43	9,741	9,031	17,747	18.33	968
2011	3,696,430.48	1,261,268	1,169,378	2,785,803	18.39	151,485
2012	2,154,628.14	677 , 757	628,379	1,677,074	18.42	91,046
2013	139,939.53	39,976	37,064	112,672	18.45	6,107
2014	12,047,226.88	3,072,458	2,848,612	10,041,921	18.47	543,688
2015	873,461.09	193,173	179,099	755,504	18.50	40,838
2016	17,756.85	3,284	3,045	15,955	18.52	862



ACCOUNT 314 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	CREEK UNIT 4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2039				
2017 2018 2019	418,448.25 4,126,931.82 534,221.88	60,534 417,692 28,347	56,124 387,261 26,282	391,616 4,028,556 545,336	18.55 18.57 18.59	21,111 216,939 29,335
	57,615,791.65	27,943,354	25,907,523	35,741,374		1,995,028
INTER: PROBA	LE COUNTY UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2045				
1990 1994 1996 1997 1998 2000 2001 2002 2003 2005 2007 2008 2010 2011 2012 2013 2014 2016 2017	38,559,173.06 38,695.05 35,401.53 231,629.41 17,799.41 38,003.50 172,557.22 1,510,698.73 257,463.44 65,186.67 14,260,066.39 40,206.06 57,074.38 575,109.60 481,291.72 38,994.69 52,600.67 195,870.01 198,565.22 1,883,063.44	23,401,273 21,897 19,228 122,993 9,228 18,688 82,431 699,609 115,237 27,025 5,389,822 14,403 19,264 181,457 140,578 10,439 12,693 41,800 30,247 222,962	23,642,411 22,123 19,426 124,260 9,323 18,881 83,280 706,818 116,424 27,303 5,445,361 14,551 19,463 183,327 142,027 10,547 12,824 42,231 30,559 225,260	19,158,271 20,829 19,870 132,848 10,434 23,303 108,258 970,057 169,360 45,054 10,383,312 30,077 43,890 455,045 392,207 32,738 45,563 175,185 189,849 1,864,941	22.01 22.48 22.69 22.79 22.89 23.07 23.15 23.23 23.31 23.45 23.59 23.65 23.71 23.77 23.83 23.88 23.94 23.99 24.08 24.12	870,435 927 876 5,829 456 1,010 4,676 41,759 7,266 1,921 440,157 1,272 1,851 19,144 16,459 1,371 1,903 7,302 7,884 77,319
2017	406,680.60	17,217	17,394	434,021	24.12	17,927
	59,116,130.80	30,598,491	30,913,793	34,705,112		1,527,744



ACCOUNT 314 TURBOGENERATOR UNITS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	LE COUNTY UNIT 2 IM SURVIVOR CURV BLE RETIREMENT V ALVAGE PERCENT	/E IOWA 62-F /EAR 6-2066				
1990	4,145,218.19	1,994,801	2,052,845	2,548,347	33.20	76,757
2011	15,544,668.29	2,920,856	3,005,846	14,248,736	40.34	353,216
2012		2,572	2,647	14,144	40.57	349
2014	590,716.55	78,021	80,291	575,404	41.02	14,027
2015	136,494.28	15,263	15 , 707	135,802	41.24	3,293
2016	554,322.02	50 , 559	52,030	563,267	41.44	13,592
2017	353,619.72	24,650	25,367	367,151	41.64	8,817
2018	1,013,207.59	47,877	49,270	1,075,390	41.83	25,709
2019	339,096.86	8,239	8,479	367,919	42.01	8,758
	22,692,470.51	5,142,838	5,292,482	19,896,160		504,518
	238,682,622.51	120,537,419	106,708,319	151,954,430		11,821,821
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	12.	9 4.95



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
		(3)	(4)	(5)	(0)	(/)
	CREEK UNIT 1					
	IM SURVIVOR CURV					
	BLE RETIREMENT Y ALVAGE PERCENT		4			
NEI SE	ALVAGE PERCENI	- /				
1972	4,655,584.13	4,544,450	3,689,420	1,292,055	4.39	294,318
1974	782,485.11	761,094	617,895	219,364	4.40	49,855
1975	176,219.38	171,061	138,876	49,679	4.41	11,265
1985	6,939.48	6 , 570	5,334	2,091	4.45	470
1986	10,096.51	9,528	7,735	3,068	4.45	689
1987	44,680.97	42,011	34,107	13,702	4.46	3,072
1988	88,192.17	82 , 623	67 , 078	27,288	4.46	6,118
1989	96,763.03	90,306	73,315	30,221	4.46	6,776
1993	23,071.28	21,138	17,161	7,525	4.47	1,683
1994	178,344.24	162,527	131,948	58,881	4.47	13,172
1996	0.30		0			
1997	1,313,417.99	1,174,232	953,302	452,055	4.48	100,905
1998	147,043.85	130,505	105,951	51,386	4.48	11,470
2000	6,581,775.64	5,745,201	4,664,251	2,378,249	4.48	530,859
2001	216,842.59	187,485	152,210	79,812	4.48	17,815
2004	12,633.27	10,541	8,558	4,960	4.49	1,105
2008	4,667.04	3,630	2,947	2,047	4.49	456
2011	261,938.32	186,850	151,694	128,580	4.49	28,637
2013	19,456.75	12,676	10,291	10,528	4.49	2,345
2015	2,955,716.97	1,662,967	1,350,083	1,812,535	4.50	402,786
2017	533,319.71	227,804	184,943	385 , 709	4.50	85,713
	18,109,188.73	15,233,199	12,367,099	7,009,733		1,569,509
MILL (CREEK UNIT 1 SCR	UBBER				
	M SURVIVOR CURV		.3			
PROBA	BLE RETIREMENT Y	EAR 12-202	4			
NET SA	ALVAGE PERCENT	-7				
1983	202,167.22	192,587	36,884	179,435	4.44	40,413
	202 167 22	102 507	26 001	170 /25		40 412
	202,167.22	192,587	36,884	179,435		40,413



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 2 M SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 6-2028				
1975	4,553,182.05	4,128,306	3,028,316	1,843,588	7.70	239,427
1981	19,704.77	17,465	12,811	8,273	7.79	1,062
1983	8,343.81	7,329	5 , 376	3 , 552	7.73	455
1984	66,767.91	58,364	42,813	28,629	7.82	3,661
1986	19,863.78	17,182	12,604	8,650	7.84	1,103
1987	1,136.02	977	717	499	7.85	64
1988	82,230.58	70,295	51,565	36,422	7.86	4,634
1989	99,084.22	84,161	61,736	44,284	7.87	5,627
1909	46,374.58	39,121	28,697	20,924	7.88	
	78,172.89				7.88	2,655
1991		65,492	48,042	35,603		4,518
1993	74,345.76	61,297	44,964	34,586	7.90	4,378
1994	137,636.61	112,477	82,507	64,764	7.91	8,188
1997	50,039.49	39,694	29,118	24,425	7.92	3,084
1998	497,415.48	389,936	286,037	246,197	7.93	31,046
2001	292,163.02	219,859	161,277	151,337	7.94	19,060
2002	32,290.53	23,896	17,529	17,022	7.95	2,141
2005	3,582.67	2,498	1,832	2,001	7.96	251
2008	12,413.17	7,963	5,841	7,441	7.97	934
2012	195,890.66	104,737	76,830	132,773	7.98	16,638
2013	74,934.03	37,381	27,421	52,759	7.98	6,611
2014	46,004.41	21,086	15,468	33,757	7.98	4,230
2015	2,154,049.82	886 , 739	650 , 467	1,654,366	7.98	207,314
2016	4,342,229.81	1,544,857	1,133,229	3 , 512 , 957	7.99	439,669
2017	222,731.66	64 , 898	47,606	190,717	7.99	23,869
2018	254,706.25	54,344	39,864	232,672	7.99	29,120
	13,365,293.98	8,060,354	5,912,668	8,388,197		1,059,739
INTERI PROBAE	CREEK UNIT 2 SCR M SURVIVOR CURV BLE RETIREMENT YI ALVAGE PERCENT	E IOWA 70-R EAR 6-2028				
2015	5,652,402.38	2,326,874	872,534	5,175,537	7.98	648,564
	5,652,402.38	2,326,874	872 , 534	5,175,537		648,564



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 3 M SURVIVOR CURV BLE RETIREMENT Y LLVAGE PERCENT	EAR 6-2039				
1982 1987 1988 1989 1990 1991 1993 1994 1997 2007 2009 2012 2013 2014 2015 2016 2017 2020	13,366,760.89 9,969.82 3,231.24 392,292.18 150,092.97 60,001.02 94,815.20 6,239.17 151,399.17 7,967.19 173,735.34 84,503.54 10,937.97 39,504.05 142,860.84 8,663,528.02 57,028.30 3,507,384.25	9,609,662 6,812 2,182 261,657 98,849 38,973 59,822 3,874 89,035 3,472 68,317 26,828 3,155 10,154 31,881 1,614,644 8,343 48,975	11,739,061 8,321 2,666 319,637 120,753 47,609 73,078 4,732 108,764 4,241 83,455 32,773 3,854 12,404 38,945 1,972,432 10,192 59,827	2,563,373 2,346 792 100,115 39,847 16,592 28,374 1,943 53,233 4,284 102,441 57,646 7,850 29,865 113,916 7,297,543 50,829 3,693,074	17.59 17.94 18.00 18.06 18.11 18.17 18.26 18.31 18.43 18.72 18.76 18.82 18.83 18.85 18.85 18.86 18.87	145,729 131 44 5,543 2,200 913 1,554 106 2,888 229 5,461 3,063 417 1,584 6,040 386,727 2,692 195,297
INTERI PROBAE	26,922,251.16 CREEL UNIT 3 SCR M SURVIVOR CURV BLE RETIREMENT Y LVAGE PERCENT	UBBER E. IOWA 70-R EAR 6-2039	3	14,164,063		760,618
1982 1993 2016	1,013,024.76 75,852.16 28.09 1,088,905.01	728,286 47,858 5	1,066,266 70,068 7	17,671 11,094 23 28,787	17.59 18.26 18.87	1,005 608 1
INTERI PROBAE	CREEK UNIT 4 M SURVIVOR CURV BLE RETIREMENT Y LVAGE PERCENT	E IOWA 70-R EAR 6-2039	3			
1975 1981	610,264.79 2,134,007.29			165,482 658,701		



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER:	CREEK UNIT 4 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2039				
1983	429,497.20	305 , 880	321,000	138,562	17.67	7,842
1984	16,372,442.81	11,547,679	12,118,489	5,400,024	17.74	304,398
1985	68,296.45	47,687	50,044	23,033	17.81	1,293
1986	1,511,272.63	1,043,959	1,095,563	521,499	17.88	29,167
1987	19,370.38	13,234	13,888	6,838	17.94	381
1988	429,640.93	290,113	304,454	155,262	18.00	8,626
1989	432,858.98	288,715	302,986	160,173	18.06	8,869
1991	89,579.56	58 , 186	61,062	34,788	18.17	1,915
1994	6,239.17	3,874	4,065	2,610	18.31	143
1996	14,195.63	8,511	8,932	6,258	18.39	340
1997	46,174.62	27,154	28,496	20,911	18.43	1,135
2000	70,461.55	38,774	40,691	34,703	18.54	1,872
2001	24,217.50	12,991	13,633	12,280	18.57	661
2005	5,395.13	2,552	2,678	3,095	18.68	166
2007	8,334.63	3,632	3,812	5,107	18.72	273
2008	492,580.23	204,489	214,597	312,464	18.74	16,674
2009	58,526.04	23,014	24,152	38,471	18.76	2,051
2011	70,789.13	24,392	25 , 598	50,147	18.80	2,667
2012	1,135,269.23	360,425	378,241	836,497	18.82	44,447
2013	54,373.95	15 , 685	16,460	41,720	18.83	2,216
2014	3,656,605.57	939 , 916	986 , 377	2,926,191	18.85	155,236
2015	2,800,667.16	624 , 995	655 , 889	2,340,825	18.86	124,116
2016	23,297.30	4,342	4,557	20,371	18.87	1,080
2017	334,510.83	48,936	51,355	306 , 572	18.88	16,238
2018	901,230.65	92,324	96,888	867 , 429	18.89	45,920
2019	131,625.94	7,077	7,427	133,413	18.90	7,059
2020	1,451,577.00	20,269	21,271	1,531,916	18.91	81,011
	33,383,302.28	18,071,504	18,964,792	16,755,341		913,195



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	CREEK UNIT 4 SCR IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 70-R EAR 6-2039				
1983	3,722.01	2,651	746	3,237	17.67	183
2003	53,899.52	27,312	7,682	49,990	18.62	2,685
2014	7,994,386.51	2,054,926	577 , 990	7,976,003	18.85	423,130
	8,052,008.04	2,084,889	586,418	8,029,231		425,998
INTER] PROBAE	LE COUNTY UNIT 1 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2045				
1990	44,394,131.07	27,256,363	27,167,455	22,110,030	23.26	950,560
1992	7,925.03	4,708	4,693	4,104	23.45	175
1993	36,015.56	21,016	20,947	19,030	23.54	808
1994	3,105,541.63	1,778,316	1,772,515	1,674,636	23.62	70,899
1996	16,791.24	9,228	9,198	9,440	23.78	397
1997	11,557.40	6,209	6,189	6,640	23.86	278
1998	51,241.29	26,885	26,797	30,081	23.93	1,257
2000	79,034.14	39,339	39,211	48,517	24.06	2,017
2001	17,727.44	8,567	8,539	11,138	24.12	462
2003	31,908.05	14,446	14,399	21,019	24.23	867
2005	22,378.23	9,379	9,348	15,491	24.33	637
2009	249,300.73	85 , 043	84,766	191,958	24.50	7,835
2010	119,663.51	38,154	38,030	94,797	24.54	3,863
2011	694,741.82	204,998	204,329	566,834	24.58	23,061
2013	33,727.78	8,227	8,200	29,238	24.64	1,187
2015	15,555,328.27	2,887,462	2,878,043	14,388,371	24.70	582,525
2016	145,099.43	22,288	22,215	138,845	24.72	5,617
2017	319,840.64	38,151	38,027	316,997	24.75	12,808
2018	9,047.54	747	745	9,298	24.77	375
2019	559,035.60	23,828	23,750	596,779	24.79	24,073
2020	30,475.55	338	337	33,491	24.80	1,350
	65,490,511.95	32,483,692	32,377,733	40,316,735		1,691,051



ACCOUNT 315 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROB <i>I</i>	BLE COUNTY UNIT 1 RIM SURVIVOR CURV ABLE RETIREMENT Y BALVAGE PERCENT	E IOWA 70-R EAR 6-2045				
1979 1990	*	50,870 1,636,163	74,200 2,386,553	5,719 571,510	21.78 23.26	263 24 , 571
	2,736,920.21	1,687,033	2,460,753	577 , 228		24,834
INTER PROB <i>E</i>	BLE COUNTY UNIT 2 RIM SURVIVOR CURV ABLE RETIREMENT Y SALVAGE PERCENT	E IOWA 70-R EAR 6-2066	-			
2010 2011 2012	8,775,673.52	7,085 1,654,411 192,619	7,665 1,789,933 208,398	30,496 7,951,064 1,046,203	43.03 43.21 43.39	709 184,010 24,112
2013	·	1,702	1,841	10,604	43.55	243
2014	•	14,310	15,482 30,016	104,485	43.71	2,390
2015 2016	•	27,743 18,838	20,381	244,530 208,287	43.86 44.00	5,575 4,734
2010	•	10,357	11,205	153,578	44.14	3,479
2018		12,555	13,583	281,137	44.27	6,351
2019	•	4,390	4,750	196,421	44.39	4,425
	11,108,163.38	1,944,010	2,103,255	10,226,806		236,028
	186,111,114.34	94,846,926	91,461,223	110,851,093		7,371,563
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAI	RATE, PERCEN	т 15.0	3.96



ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)		REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	ORT DISTRIBUTION M SURVIVOR CURV LE RETIREMENT YN LVAGE PERCENT	E IOWA 43-R EAR 6-2063				
2013 2016 2017	487,938.91 21,052.85 73,926.20	82,752 2,118 5,645	80,948 2,072 5,522	431,388 20,034 72,101		12,707 563 1,998
2017	211,524.94	10,921	10,683 29,218	211,418 1,163,627	36.55	5,784 31,458
	1,930,485.14	131,305	128,442	1,898,567		52,510
INTERI PROBAB	REEK UNIT 1 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 12-202				
1972	325,508.28	316,784	276,345	71,949		
2001	186,981.08	161,096	140,531	59 , 538		13,470
2003	50,572.50	42,626	37,185	16,928		3,821
2010	44,349.97	32,633	28,467	18,987		4,257
2012	17,602.50	12,018 261	10,484	8,351 270		1,868
2015 2018	465.17 19,818.59	6 , 522	228 5 , 689		4.48 4.48	
2018	73,969.78	14,443	12,599	66,548		14,854
2019	13,909.10	14,443	12,399	00,340	4.40	14,004
	719,267.87	586,383	511,529	258,088		61,082
INTERI PROBAB	REEK UNIT 2 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2028				
1998	6,708.80	5,242	3,647	3,531	7.64	462
2005	3,862.94	2,684	1,868	2,266	7.80	291
2010	9,949.34	5,891	4,099	6,547	7.87	832
2012	33,862.98	18,047	12,557	23,676	7.89	3,001
2015	465.17	190	132	366	7.92	46
2018	19,818.55	4,216	2,934	18,272	7.94	2,301
	74,667.78	36,270	25,237	54,658		6,933



ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INTERIM PROBABL	EEK UNIT 3 SURVIVOR CURVI E RETIREMENT YI VAGE PERCENT	EAR 6-2039				
1978 1991 2000 2010 2013 2020	245,660.68 33,921.67 3,356.42 9,949.34 30,822.45 446,875.69	200,736 22,922 1,878 3,692 8,910 6,106	261,672 29,880 2,448 4,813 11,615 7,960	1,185 6,416 1,143 5,833 21,365 470,197	10.07 14.65 16.71 17.95 18.18 18.55	118 438 68 325 1,175 25,348
	770,586.25	244,244	318,387	506,140		27 , 472
INTERIM PROBABL	EEK UNIT 4 SURVIVOR CURVI E RETIREMENT YI VAGE PERCENT	EAR 6-2039				
1984	126,140.57	95,254	86,410	48,560	12.30	3,948
1985	69,021.83	51,355	46,587	27,266	12.67	2,152
1986	161,340.80	118,289	107,306	65,328	13.02	5,018
1987 1988	107,434.12 129,115.13	77 , 551 91 , 730	70,351	44,604 54,940	13.37 13.71	3 , 336
1988	72,330.02	50 , 557	83,213 45,863	31,530	14.04	4,007 2,246
1990	22,701.44	15,607	14,158	10,133	14.35	706
1991	786,968.16	531,792	482,417	359,639	14.65	24,549
1992	83,307.22	55,318	50,182	38,957	14.93	2,609
1993	68,683.45	44,782	40,624	32,867	15.20	2,162
1994	233,382.44	149,285	135,424	114,295	15.46	7,393
1995	350,318.11	219,728	199,327	175,513	15.70	11,179
1996	273,786.92	168,207	152,590	140,362	15.93	8,811
1997	190,608.17	114,622	103,980	99,971	16.14	6,194
1998	40,358.40	23,729	21,526	21,658	16.34	1,325
1999	492,022.39	282,427	256,205	270,259	16.53	16,350
2000	77,551.12	43,385	39,357	43,623		2,611
2001	228,291.05	124,339	112,795	131,477	16.87	7,794
2002	157,965.40	83,533	75 , 777	93,246	17.03	5,475
2003	657,081.73	336,823	305,550	397 , 527	17.17	23,152
2004 2005	124,948.53	61,890 51,697	56,144 46,897	77 , 551	17.31	4,480
2005	108,210.13 133,798.61	61,376		68,888 87,487	17.43 17.55	3 , 952
2006	122,140.23	53 , 578	55,677 48,603	82,087	17.55	4,985 4,648
2007	352,355.19	147,158	133,495	243,525	17.06	13,712
2000	552,555.19	T-1/10	100, 100	270,020	11.10	10,112



ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	REEK UNIT 4 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	252,082.26 728,879.93 472,915.17 335,858.22 345,692.57 1,537,692.48 216,662.05 551,880.80 875,077.57 1,063,370.76 123,301.29 278,257.92	99,624 270,470 163,545 106,919 99,933 395,751 48,390 102,755 127,744 108,149 6,634 3,802	90,374 245,358 148,360 96,992 90,655 359,007 43,897 93,215 115,883 98,108 6,018 3,449	179,354 534,544 357,659 262,376 279,236 1,286,324 187,931 497,298 820,450 1,039,699 125,914 294,287	17.86 17.95 18.03 18.11 18.18 18.25 18.31 18.37 18.42 18.47 18.51	10,042 29,780 19,837 14,488 15,360 70,484 10,264 27,071 44,541 56,291 6,802 15,865
INTERI PROBAE	11,951,532.18 TREEK UNIT 4 SCR M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 43-R EAR 6-2039		8,626,366		493,619
2005 2008 2009	11,565.66 9,333.18 22,312.73	5,525 3,898 8,818	12,375 9,824 22,223	163 1,652	17.76 17.86	9 92
	43,211.57	18,241	44,422	1,814		101
INTERI PROBAE	E COUNTY UNIT 1 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2045				
1990 1991 1994 1995 1996 1997 1998 1999	1,636,998.57 123,124.08 50,987.96 84,609.07 128,688.14 41,301.53 29,577.96 23,726.57	1,105,886 81,364 31,405 50,820 75,336 23,533 16,378 12,759	1,138,504 83,764 32,331 52,319 77,558 24,227 16,861 13,135	678,565 52,904 24,265 41,597 65,286 21,618 15,970 13,201	16.36 16.83 18.16 18.58 18.97 19.35 19.72 20.06	41,477 3,143 1,336 2,239 3,442 1,117 810 658



ACCOUNT 316 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

INTERII PROBAB:	ORIGINAL COST (2) E COUNTY UNIT 1 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2045		FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1111 071.		11				
2000	32,185.43	16,775	17,270	18,456	20.39	905
2001	17,686.90	8,921	9,184	10,448	20.70	505
2002	139,323.17	67 , 837	69 , 838	84,811	21.00	4,039
2003	146,598.93	68,800	70 , 829	91,896	21.27	4,320
2004	70,762.03	31,921	32,862	45,683	21.53	2,122
2005	30,957.29	13,375	13,769	20,593	21.78	946
2006	44,964.11	18,542	19,089	30,821	22.01	1,400
2008	93,628.50	34,694	35 , 717	68,210	22.43	3,041
2009	35,260.57	12,278	12,640	26,499	22.62	1,171
2010	143,979.41	46,759	48,138	111,679	22.80	4,898
2013	8,704.40	2,153	2,217	7,445	23.26	320
2017	70,559.28	8,496	8,747	69 , 574	23.75	2,929
2018	238,160.97	19,790	20,374	243,985	23.85	10,230
2019	8,144.45	348	358	8,682	23.95	363
2020	1,259.86	14	14	1,384	24.01	58
	3,201,189.18	1,748,184	1,799,746	1,753,574		91,469
INTERII PROBAB	E COUNTY UNIT 2 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2066				
2011	1,779,639.91	394,132	270 , 871	1,704,529	33.46	50,942
2012	95,216.25	18,882	12 , 977	92,713	34.16	2,714
2013	274,940.16	48,182	33,114	272 , 070	34.83	7,811
2014	264,128.32	40,028	27 , 510	265 , 673	35.48	7,488
2015	72,617.49	9,266	6 , 368	74,237	36.11	2,056
2016	136,297.87	14,087	9,681	141,609	36.72	3 , 856
2017	762,807.61	59,694	41,025	805,691	37.31	21,595
2018	452,098.75	23,857	16,396	485,434	37.87	12,818
2019	195,734.99	5,245	3,605	213,661	38.40	5,564
2020	49,336.88	323	222	54 , 542	38.79	1,406
	4,082,818.23	613,696	421,769	4,110,159		116,250
	22,773,758.20	7,966,051	7,411,305	17,209,366		849,436
_					_	2 2 72



COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.3 3.73

ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBAB	ALLS - NON-PROJ M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 95-R EAR 10-204				
1934 1949 1965 1986	21,880.17 1,073.95 2,569.17 3,175.00	17,266 804 1,781 1,840	4,196 195 433 447	18,122 900 2,188 2,791	19.95 21.71 23.01 24.07	908 41 95 116
	28,698.29	21,691	5,271	24,001		1,160
INTERII PROBAB:	ALLS - PROJECT : M SURVIVOR CURV: LE RETIREMENT Y: LVAGE PERCENT	E IOWA 95-R EAR 10-204				
1934 1939 1950 1951 1962 1974 1978 1984 1992 1994 1995 1997 1998 2005 2007 2008 2009 2011 2012 2013	2,694,315.39 1,741.69 1,532.13 67,105.43 4,935.39 15,602.63 2,098.38 1,339.42 139,461.04 13,562.71 109,318.86 13,965.22 31,540.40 424,808.83 204,665.26 10,158.22 149,446.41 170,761.93 1,017,271.28 139,761.26	2,126,091 1,352 1,142 49,813 3,478 10,177 1,324 795 74,033 6,947 54,916 6,720 14,823 159,799 70,241 3,304 45,792 45,302 247,036 30,615	1,898,510 1,207 1,020 44,481 3,106 9,088 1,182 710 66,108 6,203 49,038 6,001 13,236 142,694 62,722 2,950 40,890 40,453 220,593 27,338	849,691 569 543 23,967 1,928 6,827 958 656 76,142 7,631 62,468 8,244 18,935 290,611 146,036 7,411 111,545 133,724 817,024 115,219	19.95 20.60 21.80 21.90 22.81 23.54 23.74 24.00 24.28 24.37 24.43 24.46 24.63 24.67 24.69 24.71 24.75 24.77 24.79	42,591 28 25 1,094 85 290 40 27 3,136 314 2,563 337 774 11,799 5,920 300 4,514 5,403 32,984 4,648
2014 2015	49,953.01 143,301.79	9,681 23,935	8,645 21,373	42,307 124,795	24.81 24.82	1,705 5,028



ACCOUNT 331 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)			
INTER PROBA	OHIO FALLS - PROJECT 289 INTERIM SURVIVOR CURVE IOWA 95-R2 PROBABLE RETIREMENT YEAR 10-2045 NET SALVAGE PERCENT2								
2017 2018 2019	178,585.29 27,463.65 24,846.99	19,147 2,037 951	17,097 1,819 849	165,060 26,194 24,495	24.86 24.87 24.89	6,640 1,053 984			
	5,637,542.61	3,009,451	2,687,314	3,062,979		132,282			
	5,666,240.90	3,031,142	2,692,585	3,086,980		133,442			
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	г 23.1	2.36			

ACCOUNT 332 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	FALLS - PROJECT IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 90-R EAR 10-204				
1934	7,025.14	5,692	1,635	5,530	17.82	310
2004	3,102,143.38	1,220,933	350,759	2,813,427	24.75	113,674
2007	4,425,091.14	1,525,414	438,233	4,075,360	24.82	164,197
2008	2,031,897.63	663 , 999	190,759	1,881,777	24.84	75 , 756
2011	388,893.77	103,583	29 , 758	366,914	24.90	14,736
2012	1,485,219.29	362 , 188	104,052	1,410,871	24.92	56,616
2013	230,634.48	50 , 823	14,601	220,646	24.93	8,851
2014	2,267,579.18	441,747	126,909	2,186,022	24.95	87,616
2015	1,156,901.50	193,904	55 , 706	1,124,333	24.97	45 , 027
2016	996,484.01	138,171	39 , 695	976 , 719	24.98	39,100
2017	1,394,680.35	150,153	43,137	1,379,437	25.00	55 , 177
2018	1,735,145.26	129,234	37,127	1,732,721	25.01	69 , 281
2020	162,392.07	1 , 572	452	165,188	25.04	6 , 597
	19,384,087.20	4,987,413	1,432,823	18,338,946		736,938

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 24.9 3.80

ACCOUNT 333 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INTER PROBA	FALLS - PROJECT IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 80-R EAR 10-204	-			
2003	130,701.86	53,757	22,874	110,441	24.79	4,455
2005	180,534.43	68,763	29,260	154,885	24.85	6,233
2007	6,349,492.04	2,205,113	938,310	5,538,172	24.91	222,327
2008	8,874,906.49	2,920,758	1,242,828	7,809,576	24.94	313,135
2011	402,649.51	107,941	45 , 931	364 , 772	25.02	14,579
2012	16,754,729.19	4,114,375	1,750,731	15,339,093	25.04	612,584
2013	59,982.12	13,284	5 , 653	55 , 529	25.06	2,216
2014	30,249,299.14	5,924,331	2,520,895	28,333,390	25.08	1,129,720
2015	14,350,368.00	2,419,265	1,029,435	13,607,940	25.10	542,149
2016	13,293,005.92	1,850,378	787 , 365	12,771,501	25.12	508,420
2017	16,697,498.49	1,804,823	767 , 980	16,263,468	25.14	646,916
2018	7,237,865.80	541,294	230,329	7,152,294	25.15	284,385
	114,581,032.99	22,024,082	9,371,591	107,501,063		4,287,119

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.1 3.74

ACCOUNT 334 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INTERIN PROBABI	ALLS - PROJECT 2 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 80-R EAR 10-204				
1934	33,467.77	30,210	13,623	20,514	9.20	2,230
1948	1,012.31	837	377	655	15.01	44
1952	4,047.87	3,245	1,463	2,665	16.82	158
1964	1,098.58	803	362	758	21.03	36
1968	1,684.70	1,194	538	1,180	21.96	54
1988	76,660.24	44,118	19,895	58 , 298	24.53	2,377
1989	743,189.41	421,326	190,000	568 , 053	24.60	23,092
1995	511,763.16	260,999	117,699	404,299	24.91	16,230
1996	5,886.92	2,939	1,325	4,679	24.95	188
2003	292,849.31	120,349	54 , 272	244,434	25.15	9,719
2004	10,626.42	4,209	1,898	8,941	25.17	355
2005	3,855.04	1,466	661	3,271	25.19	130
2007	215,718.55	74,765	33,716	186,317	25.22	7,388
2008	86,395.31	28,388	12,802	75 , 321	25.23	2,985
2011	119,125.54	31,920	14,395	107,114	25.26	4,240
2012	635,402.38	155 , 845	70 , 279	577 , 831	25.27	22,866
2014	1,506,974.47	294 , 357	132,742	1,404,372	25.29	55,531
2015	707,169.27	119,067	53,694	667,619	25.29	26,399
2016	655,063.70	91,218	41,135	627 , 030	25.30	24,784
2017	791,851.48	85 , 623	38,612	769 , 076	25.30	30,398
2018	137,222.01	10,250	4,622	135,344	25.31	5,347
2019	27,731.81	1,075	485	27,802	25.31	1,098
	6,568,796.25	1,784,203	804,598	5,895,574		235,649

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.0 3.59



ACCOUNT 335 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)			FUTURE BOOK ACCRUALS (5)	LIFE	
INTERIM PROBABLE	LLS - NON-PROJ SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 70-R EAR 10-204				
2008	3,782.01	1,247	3,858			
	3,782.01	1,247	3,858			
INTERIM PROBABLE	LLS - PROJECT SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 70-R EAR 10-204				
1986	2,076.71	1,236	2,118			
1988	2,360.29	1,366	2,407			
1996 2005	34,804.27 4,942.65	17,469 1,889	35,500 4,104	937	24.64	38
2003	•		13,788	4,814		195
2007	31,738.01		21,408	10,964		442
2010	28,599.70	8,296	18,025	11,146		448
2014	29,816.43	5,849	12,709	17,704		708
2019	27,106.23	1,059	2,301	25,347	25.11	1,009
	179,682.14	53,363	112,362	70,914		2,840
	183,464.15	54,610	116,220	70,914		2,840

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.0 1.55

ACCOUNT 336 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABLI	LLS - PROJECT SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 80-S EAR 10-204	=			
1934	8,609.68	7,789	2,425	6 , 357	9.04	703
1941	1,133.98	994	309	847	11.19	76
1992	2,375.81	1,275	397	2,026	25.21	80
	12,119.47	10,058	3,131	9,231		859

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.7 7.09

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)			FUTURE BOOK ACCRUALS (5)	LIFE	ACCRUAL
INTER] PROBAE	RUN CC 7 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2055	Į.			
1955 1956 1959 1967 1970 2015 2016 2017 2018 2019		8,045 971,903 909,254 632,873 1,854,870 2,122 39,263 23,717 2,934	1,002,138 697,524 2,044,353 2,339 43,274 26,140 3,234	57,397 151,006 140,164 12,626,766 18,102 448,804	7.12 8.33 12.69 14.67 34.48 34.54 34.60 34.65	37
INTERI PROBAE	AND RIVER ROAD G M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 60-R4 EAR 6-2021	ı			
1970	8,241.14	8,801	8,983			
	8,241.14	8,801	8,983			
INTERI PROBAE	S RUN GENERATOR M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 60-R4 EAR 6-2025	ı			
1970 2009	42,864.53 21,248.82	41,328 15,481	45,436 22,524			
	64,113.35	56,809	67,960			
INTERI PROBAE	S RUN GENERATOR M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	E IOWA 60-R4 EAR 6-2041	ł			
2001 2002	2,149,662.53 4,500.00	1,092,267 2,219	1,413,092 2,871	865,550 1,899		42 , 119 92



ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)		REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	S RUN GENERATOR 1 SURVIVOR CURVI LE RETIREMENT YE LVAGE PERCENT	E IOWA 60-R EAR 6-2041				
2013 2015 2016 2017 2018	47,564.58 200,761.69 9,437.69 53,699.09 18,459.80	12,627 41,019 1,604 7,127 1,704	16,336 53,067 2,075 9,220 2,205	34,083 159,740 7,929 47,701 17,363	20.96	1,629 7,628 378 2,276 828
	2,484,085.38	1,158,567	1,498,866	1,134,265		54,950
PROBABI	CT 5 1 SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2041				
2001 2002	766,825.66 1,258.00	393 , 308 626	441 , 090 702	379 , 414 644		18,463 31
2002	1,258.00	2,516	2,822	10,232		489
2016	391,686.95	67,191	75,354	343,751		16,408
	1,171,970.07	463,641	519,967	734,041		35,391
PROBABI	CT 6 1 SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2039				
2000	56,712.22	31,349	37,060	23,622		1,268
2006 2019	36,244.46 29,892.37	16,512 1,601	19,520 1,893	19,261 30,092	18.84 18.98	1,022 1,585
	122,849.05	49,462	58,473	72 , 975		3 , 875

ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABI	CT 7 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039	ı			
2000 2003 2006	105,588.33 2,523.50 36,244.46		75,181 1,651 21,269	37,798 1,049 17,512	18.75	2,029 56 930
	144,356.29	76,160	98,102	56,359		3,015
INTERIM PROBABI	E COUNTY CT 5 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042	ł			
2002 2004 2005	1,458,614.33 11,339.85 85,700.90	722,239 5,243 38,131	905,396 6,573 47,801	684,494 5,788 45,613	21 65	31,778 267 2,103
	1,555,655.08	765,613	959,769	735,895		34,148
INTERIM PROBABI	E COUNTY CT 6 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042	ł			
2002 2004	1,457,842.69 10,081.20		902,247 5,826	686,801 5,163		31,885 238
	1,467,923.89	726 , 518	908,073	691,964		32,123
INTERIM PROBABI	E COUNTY CT 7 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044	ł			
2004	2,083,698.13	917,804	1,159,483	1,111,748	23.52	47,268
	2,083,698.13	917,804	1,159,483	1,111,748		47,268



ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABI	C COUNTY CT 8 I SURVIVOR CURVE LE RETIREMENT YE LVAGE PERCENT	CAR 6-2044	4			
2004	2,075,526.50	914,205	1,154,935	1,107,389	23.52	47,083
	2,075,526.50	914,205	1,154,935	1,107,389		47,083
INTERIM PROBABI	COUNTY CT 9 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 6-2044	4			
2004	2,137,402.33	941,459	1,185,502	1,144,267	23.52	48,651
	2,137,402.33	941,459	1,185,502	1,144,267		48,651
INTERIM PROBABI	COUNTY CT 10 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 6-2044	4			
	2,132,789.69 382,160.00 10,063.53	939,428 46,404 846		1,165,849 359,310 9,926	23.93	
	2,525,013.22	986 , 678	1,217,180	1,535,084		64,998
PROBABI	OLAR 1 SURVIVOR CURVE E RETIREMENT YE VAGE PERCENT	CAR 6-2041	3			
2016	923,945.85	153,741	135,806	815,858	20.76	39,300
	923,945.85	153,741	135,806	815,858		39,300



ACCOUNT 341 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	ONVILLE SOLAR IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2019	629,097.75	25,663	22,187	613,202	23.76	25,808
	629,097.75	25,663	22,187	613,202		25,808
	35,103,328.92	12,405,371	14,682,678	23,723,145		862,014
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	27.5	2.46



ACCOUNT 341.2 STRUCTURES AND IMPROVEMENT - RETIRED PLANT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CANE RUN	I GT 11					
INTERIM	SURVIVOR CURVI	E IOWA 60-R	4			
PROBABLE	RETIREMENT Y	EAR 6-2018				
NET SALV	AGE PERCENT	-10				
1970	23,139.35	25,453	25,453			
1982	11,803.86	12,984	12,984			
2009	59,937.11	65 , 931	65 , 931			
2011	108,072.94	118,880	118,880			
2016	117,784.68	129,563	479,473	349,910-		
	320,737.94	352,811	702,722	349,910-		

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

ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABI	JN CC 7 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2055				
	1,761,469.29 77,880.00	249,487 6,957	1,093,968 30,506			26,298 1,694
	1,839,349.29	256,444	1,124,474	917,204		27 , 992
INTERIM PROBABI	JN PIPELINE 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2055				
2015	6,602,221.07	935,112	932,146	6,396,319	32.75	195,307
	6,602,221.07	935,112	932,146	6,396,319		195,307
INTERIM PROBABI	ND RIVER ROAD G. 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 6-2021				
	8,880.48 13,348.54		7,971 11,014			
	22,229.02	22,557	18,985	5,245		5,244
INTERIM PROBABI	S RUN GENERATOR 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 6-2025				
1970	9,237.57	8,848	9,792			
	9,237.57	8,848	9,792			



ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)		ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	S RUN GENERATOR M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 6-2025				
1970	9,978.71	9,558	10,577			
1984	2,218.40	2 , 055	2 , 352			
2011	9,469.97	6,439	10,038			
	21,667.08	18,052	22,967			
INTERIN PROBABI	S RUN GENERATOR 4 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 6-2041				
2001	2,228,523.85	1,126,999	1,434,559	927,676	19.63	47,258
2002	5,250.00	2 , 579	3,283	2,282	19.71	116
2014	1,326.76	312	397	1,009	20.41	49
	2,235,100.61	1,129,890	1,438,239	930,968		47,423
INTERIN PROBABI	S RUN CT PIPELI 4 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 6-2041				
2016	7,693,302.29	1,303,969	805,132	7,349,768	20.49	358,700
	7,693,302.29	1,303,969	805,132	7,349,768		358,700
PROBABI	CT 5 4 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2041				
2001	762,655.49	389,325	486,946	329,095	19.63	16,765
2002	943.92		585		19.71	
	83,307.22			53,157		
	846,906.63	418,561	523,513	382 , 677		19,415



ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABLE	r 6 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 6-2039				
2000 2010 2011 2014 2018	276,555.92 83,307.22 43,196.99 342,181.83 20,762.68	152,026 30,708 14,840 87,817 2,102	190,348 38,449 18,581 109,954 2,632	105,567 50,690 27,640 256,181 19,584	18.54	5,911 2,755 1,499 13,818 1,050
	766,004.64	287,493	359 , 963	459 , 662		25,033
PROBABLE	7 SURVIVOR CURV E RETIREMENT Y /AGE PERCENT	EAR 6-2039				
2000 2010	14,858.91 83,307.24	8,168 30,708	11,073 41,629	4,826 47,509		270 2,582
2010	43,197.01	14,840	20,118	26,103		1,416
2014	342,181.77	87,817	119,049	247,086	18.54	13,327
	483,544.93	141,533	191,869	325,524		17,595
INTERIM PROBABLE	COUNTY CT 5 SURVIVOR CURV RETIREMENT Y VAGE PERCENT	EAR 6-2042				
2002 2004	97,240.96 755.94	47 , 970 349	60,979 444	45,013 380	20.55	2,190 18
	97,996.90	48,319	61,423	45,394		2,208
INTERIM PROBABLE	COUNTY CT 6 SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	EAR 6-2042				
2002 2004	97,189.52 672.06	47,945 310	60,949 394	44,988 338	20.55	2,189 16
	97,861.58	48,255	61,343	45,326		2,205



ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIN PROBABI	COUNTY CT PIP 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	E IOWA 55-R EAR 6-2044				
2002 2005 2006 2013 2017	1,835,164.93 157,329.57 5,896.12 2,405.48 319,678.10		1,109,445 85,116 3,054 760 49,676	890,884 86,373 3,373 1,862 298,773	22.50 22.59 23.11	
	2,320,474.20	974,173	1,248,052	1,281,265		57,029
INTERIN PROBABI	COUNTY CT 7 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044				
2004	338,423.07	148,770	191,069	177,812	22.40	7,938
	338,423.07	148,770	191,069	177,812		7,938
INTERIN PROBABI	C COUNTY CT 8 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044				
2004	337,096.18	148,186	190,320	177,115	22.40	7,907
	337,096.18	148,186	190,320	177 , 115		7,907
INTERIN PROBABI	COUNTY CT 9 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044				
2004	347,146.53	152,605	195,419	182,971	22.40	8,168
	347,146.53	152,605	195,419	182 , 971		8,168



ACCOUNT 342 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	LE COUNTY CT 10 IM SURVIVOR CURVI BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2004 2007 2017	346,397.46 15,462.56 84,660.00	152,275 5,958 10,269	190,173 7,441 12,825	187,400 9,413 79,455	22.40 22.68 23.32	8,366 415 3,407
	446,520.02	168,502	210,439	276,268		12,188
	24,505,081.61	6,211,269	7,585,145	18,953,518		794 , 352
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	г 23.9	3.24



ACCOUNT 343 PRIME MOVERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	RUN CC 7 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2055				
2015 2016 2017 2018 2019 2020	67,789,826.55 58,558.82 2,505,665.30 235,275.68 411,892.45 4,863,916.30 75,865,135.10	9,967,179 7,021 230,013 14,711 13,167 40,762	6,034,746 4,251 139,264 8,907 7,972 24,680	69,211,961 60,749 2,642,024 252,249 449,229 5,374,267	27.18 27.58 27.95 28.31 28.66 28.90	2,546,430 2,203 94,527 8,910 15,674 185,961 2,853,705
INTERI PROBAE	S RUN GENERATOR M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	13 E IOWA 35-R EAR 6-2041	1.5			, ,
2001 2002 2004 2005 2007 2009 2011 2012 2013 2014 2017 2019	15,353,535.15 43,500.00 46,174.72 26,959.17 54,465.86 1,932,208.56 3,715,731.81 429,269.99 47,564.58 128,595.73 149,511.87 222,660.16	7,854,193 21,549 21,275 11,930 22,005 697,740 1,167,502 123,854 12,411 29,811 19,465 10,526	9,117,067 25,014 24,696 13,848 25,543 809,929 1,355,224 143,768 14,407 34,604 22,595 12,218	7,157,681 21,096 24,249 14,728 32,191 1,238,212 2,583,451 311,258 36,012 101,707 135,888 223,801	16.21 16.47 16.96 17.19 17.60 17.98 18.30 18.45 18.59 18.72 19.07	441,560 1,281 1,430 857 1,829 68,866 141,172 16,870 1,937 5,433 7,126 11,608
PROBAE	CT 5 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2041				
2001 2002 2006 2007 2011	12,011,493.92 18,246.00 179,014.46 19,389.37 1,686,101.02	6,202,519 9,124 76,578 7,908 534,780	7,440,460 10,945 91,862 9,486 641,515	5,411,839 8,578 99,684 11,260 1,162,613	16.21 16.47 17.40 17.60 18.30	333,858 521 5,729 640 63,531



ACCOUNT 343 PRIME MOVERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAI	CT 5 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2041				
2012	91,482.16	26,644	31,962	65 , 924	18.45	3,573
2017	4,448,053.14	584,552	701,221	4,058,196	19.07	212,805
2018	36,262.33	3,312	3,973	34,828	19.18	1,816
	18,490,042.40	7,445,417	8,931,424	10,852,921		622,473
BROWN	CT 6					
INTER	IM SURVIVOR CURV	E IOWA 35-R	1.5			
	BLE RETIREMENT Y)			
NET SA	ALVAGE PERCENT	- 7				
2000	10,273,161.16	5,673,886	5,777,391	5,214,891	14.96	348,589
2003	267,629.11	134,886	137,347	149,017	15.61	9,546
2006	2,300,856.09	1,034,423	1,053,293	1,408,623	16.16	87 , 167
2007	13,901.82	5 , 973	6,082	8,793	16.32	539
2008	3,799,248.65	1,552,864	1,581,192	2,484,004	16.47	150,820
2009	94,897.04	36,696	37 , 365	64,174	16.61	3,864
2010	191,580.29	69 , 543	70,812	134,179	16.75	8,011
2012	87,292.43	27,171	27 , 667	65 , 736	16.99	3,869
2014	38,055.90	9,574	9,749	30,971	17.21	1,800
2015	29,122.16	6,364	6,480	24,681	17.30	1,427
2018	95,916.38	9,537	9,711	92,920	17.57	5,289
2019	6,910,254.30	362,748	369,365	7,024,607	17.64	398,220
	24,101,915.33	8,923,665	9,086,454	16,702,595		1,019,141
BROWN	CT 7					
	IM SURVIVOR CURV	E TOWA 35-R	:1 5			
	BLE RETIREMENT Y					
	ALVAGE PERCENT					
1999	40,943.08	23,226	30,308	13,501	14.72	917
2000	12,616,482.04	6,968,107	9,092,833	4,406,803	14.96	294,572
2001	1,389,112.87	745,866	973,297	513,054	15.18	33,798
2004	21,963.88	10,693	13,954	9,548	15.80	604
2006	2,123,163.65	954,536	1,245,595	1,026,191	16.16	63,502
2007	13,901.82	5 , 973	7,794	7,081	16.32	434
2009	2,206,369.93	853,199	1,113,358	1,247,458	16.61	75,103



ACCOUNT 343 PRIME MOVERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAI	CT 7 IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 6-2039				
2012	109,501.73	34,084	44,477	72,690	16.99	4,278
2013	63,940.18	18 , 076	23,588	44,828	17.10	2,622
2015	29,122.13	6,364	8,305	22,856	17.30	1,321
	18,614,501.31	9,620,124	12,553,507	7,364,009		477,151
INTER: PROBA	LE COUNTY CT 5 IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 6-2042				
2002	11,497,779.76	5,748,318	7,071,501	5,461,079	16.96	321,998
2004	237,995.35	110,423	135,841	123,574	17.50	7,061
2005	67,728.62	30,145	37,084	36,740	17.75	2,070
2007	17,083.25	6,924	8,518	10,103	18.21	555
2010	25,132.71	8,499	10,455	16,939	18.81	901
2011	220,864.22	69,286	85 , 235	155,507	18.98	8,193
2012	1,135,022.91	326,293	401,401	835 , 774	19.15	43,644
2013	9,781.51	2,540	3,125	7,537	19.31	390
2014	35,366.84	8,144	10,019	28,531	19.45	1,467
2016	601,794.45	99,351	122,220	533 , 736	19.72	27 , 066
2017	1,850,721.91	237,596	292 , 287	1,725,000	19.85	86 , 902
2018	25,766.79	2,300	2,829	25,256	19.96	1,265
2019	19,153.98	896	1,102	19,776	20.07	985
2020	138,324.69	1,628	2,003	148,771	20.15	7,383
	15,882,516.99	6,652,343	8,183,620	9,128,324		509,880
INTER: PROBA	LE COUNTY CT 6 IM SURVIVOR CURVI BLE RETIREMENT YI ALVAGE PERCENT	EAR 6-2042				
2002	11,425,692.29	5,712,278	6,928,417	5,525,588	16.96	325,801
2002	217,980.82	101,136	122,668	114,931	17.50	6,567
2004	3,918.62	1,588	1,926	2,345	18.21	129
2007	9,037.13	3,269	3,965	5,886	18.62	316
2010	9,920.21	3,355	4,069	6,744	18.81	359
2011	958,951.24	300,825	364,870	680,386	18.98	35,848
	•	•	•	•		•



ACCOUNT 343 PRIME MOVERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAE	LE COUNTY CT 6 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2042				
2012 2013 2014 2016	336,317.02 704,445.72 35,337.81 724,971.99	96,683 182,947 8,138 119,687	117,267 221,896 9,871 145,168	249,319 545,950 28,648 645,051	19.15 19.31 19.45 19.72	13,019 28,273 1,473 32,710
	14,426,572.85	6,529,906	7,920,117	7,804,847		444,495
INTERI PROBAE	LE COUNTY CT 7 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2004 2005 2006 2007 2011 2012 2013 2014 2018	11,688,560.70 192,132.86 34,314.19 2,499.81 281,775.88 1,876,209.22 10,202.23 45,055.31 1,549,981.31	5,225,529 82,226 14,006 969 83,753 509,201 2,495 9,743 127,944	6,411,719 100,891 17,185 1,189 102,765 624,789 3,061 11,955 156,987	6,328,812 108,534 20,217 1,536 204,371 1,420,279 8,059 37,156 1,532,492	18.48 18.78 19.06 19.33 20.27 20.48 20.67 20.85 21.48	342,468 5,779 1,061 79 10,082 69,350 390 1,782 71,345
	15,680,731.51	6,055,866	7,430,542	9,661,455		502,336
INTERI PROBAE	LE COUNTY CT 8 M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2004 2006 2007 2010 2011 2012 2013	12,010,900.72 173,870.82 2,499.81 9,920.21 281,776.08 1,847,802.75 151,513.75	5,369,635 70,969 969 3,186 83,753 501,492 37,058	6,657,879 87,995 1,201 3,950 103,846 621,806 45,949	6,434,003 101,524 1,523 6,863 203,290 1,392,299 119,201	18.48 19.06 19.33 20.06 20.27 20.48 20.67	348,160 5,327 79 342 10,029 67,983 5,767



ACCOUNT 343 PRIME MOVERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER: PROBA	LE COUNTY CT 8 IM SURVIVOR CURVE BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2014	161,260.88	34,872	43,238	132,536	20.85	6,357
2018	98,664.20	8,144	10,098	97,446	21.48	4,537
2019	140,367.15	6,053	7,505	145,495	21.61	6,733
	14,878,576.37	6,116,131	7,583,469	8,634,179		455,314
INTER: PROBA	LE COUNTY CT 9 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2004	12,008,746.76	5,368,672	6,766,625	6,322,909	18.48	342,149
2006	169,909.36	69,352	87,411	97,791	19.06	5,131
2007	2,499.81	969	1,221	1,503	19.33	78
2009	113,540.03	39,104	49,286	74,472	19.83	3,756
2010	9,920.21	3,186	4,016	6 , 797	20.06	339
2011	281,775.90	83,753	105,562	201,574	20.27	9,944
2012	1,799,321.21	488,334	615 , 492	1,345,768	20.48	65 , 711
2013	10,202.23	2,495	3,145	7,976	20.67	386
2014	45,055.22	9,743	12,280	36,830	20.85	1,766
2018	266,159.62	21,970	27,691	262,423	21.48	12,217
2019	57,090.72	2,462	3,103	59,126	21.61	2,736
2020	68 , 263.78	746	940	73,467	21.71	3,384
	14,832,484.85	6,090,786	7,676,771	8,490,637		447,597
INTER: PROBA	LE COUNTY CT 10 IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2004	12,018,179.56	5 , 372 , 889	6,824,414	6,275,401	18.48	339,578
2006	169,917.60	69,356	88,093	97,117	19.06	5 , 095
2007	105,948.81	41,074	52,170	63,314	19.33	3,275
2009	9,037.12	3,112	3,953	5,898	19.83	297
2011	281,775.92	83 , 753	106,379	200,756	20.27	9,904
2012	429,094.14	116,456	147,917	319,795	20.48	15,615
2013	1,374,995.69	336,303	427,158	1,071,588	20.67	51,843
2014	59,571.09	12,882	16,362	48,570	20.85	2,329



ACCOUNT 343 PRIME MOVERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTER PROBA	LE COUNTY CT 10 IM SURVIVOR CURVI BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2017	130,249.71	15,584	19,794	122,178	21.33	5 , 728
2018	181,227.01	14,960	19,002	178,536	21.48	8,312
2019	323,512.14	13,950	17,719	334,910	21.61	15,498
2020	61,985.91	678	861	66,703	21.71	3,072
	15,145,494.70	6,080,997	7,723,823	8,784,766		460,546
	250,068,149.01	83,780,349	94,908,461	177,294,487		8,492,607
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	20.9	3.40



ACCOUNT 344 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERI PROBAB	UN CC 7 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2055				
	16,127,579.67 277,540.79 1,101,900.25 15,701.27 4,037.74	24,575	30,506	277,565 1,140,318 16,823	34.61 34.68	8,020 32,881 484
	17,526,759.72	2,360,104	2,929,662	16,525,041		479,293
INTERI PROBAB	ND RIVER ROAD GA M SURVIVOR CURVA LE RETIREMENT YA LVAGE PERCENT	E IOWA 60-S EAR 6-2021				
	1,426,718.06 2,429.22 3,115.19 9,818.66 381,233.45 95,990.12	2,589 3,303 10,320 398,910	1,536,088 2,611 3,330 10,406 402,229 52,750	19,035 37 65 296 13,316 51,879	0.99 1.00 1.00	19,035 37 65 296 13,316 51,879
	1,919,304.70	1,990,851	2,007,414	84,628		84,628
INTERI PROBAB	S RUN GENERATOR M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 60-S EAR 6-2025				
1970 1984 1993 1997 2013	1,215,926.17 3,115.19 9,343.42 294,730.78 16,843.43	2,903 8,363	1,288,882 3,302 9,904 312,415 17,855			
	1,539,958.99	1,451,140	1,632,357			



ACCOUNT 344 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBAB	S RUN GENERATOR M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 60-S EAR 6-2025				
1968 1970 1987 1993 1995 1999 2012	40.59 2,519,878.74 20,505.89 20,111.98 38,755.83 382,473.30 84,843.82	39 2,430,274 18,899 18,002 34,260 327,524 55,344	43 2,671,071 21,736 21,319 41,081 405,422 84,925	5,010	5.00	1,002
2013	56,676.62	35,045	53,776	6,301	5.00	1,260
2014	211,526.81	122,300	187,668	36 , 551	5.00	7,310
	3,334,813.58	3,041,687	3,487,041	47,861		9,572
INTERII PROBAB:	S RUN GENERATOR M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 60-S EAR 6-2041				
2001 2002 2012 2014 2017 2018 2019	5,598,601.95 12,750.00 31,468.17 26,156.27 5,206.09 14,162.53 347,339.55	2,854,444 6,309 9,221 6,168 690 1,306 16,745	3,156,983 6,978 10,198 6,822 763 1,444 18,520	2,777,535 6,537 23,158 20,904 4,755 13,568 349,660	20.55 20.94 20.97 20.99	135,622 318 1,106 997 227 646 16,658
	6,035,684.56	2,894,883	3,201,708	3,196,118		155,574
PROBAB:	CT 5 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2041				
2001 2002 2011	3,074,966.15 4,404.00 76,581.01	1,582,560 2,200 24,640	1,916,091 2,664 29,833	1,374,122 2,049 52,109		67,096 100 2,490



ACCOUNT 344 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAB	CT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2041				
2012 2017 2018	22,823.36 13,218.82 256,733.91	1,769	8,174 2,142 28,933	16,247 12,002 245,772	20.99	572
	3,448,727.25	1,641,817	1,987,837	1,702,301		82,743
PROBAB	CT 6 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
2000 2012 2017	2,417,994.54 22,823.35 8,655.33	7,244	1,687,125 9,116 1,591	900,129 15,305 7,670	18.97	807
	2,449,473.22	1,349,120	1,697,832	923,104		49,683
PROBAB	CT 7 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
2000 2012 2017 2019	2,276,866.74 22,823.35 5,847.65 202,672.44	7,244 854	1,512,402 8,679 1,023 12,991	923,845 15,742 5,234 203,869	18.97 18.99	830
	2,508,210.18	1,281,307	1,535,095	1,148,690		61,585
INTERI: PROBAB	E COUNTY CT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042				
2002 2004	1,524,415.61 11,874.67		928,384 6,744	733,229 6,199		34 , 151 287



ACCOUNT 344 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABI	C COUNTY CT 5 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042				
2012 2016 2017	13,782.72 81,289.29 4,541.72	4,016 13,647 595	4,922 16,725 729	10,101 71,880 4,221	21.97	461 3,272 192
	1,635,904.01	781 , 290	957 , 504	825,631		38,363
INTERIM PROBABI	C COUNTY CT 6 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042	3			
2002 2004 2012 2016 2017	1,491,033.15 10,556.72 13,782.72 76,662.95 3,928.13	740,941 4,892 4,016 12,870 514	892,427 5,892 4,837 15,501 619	732,799 5,615 10,186 68,061 3,663	21.62 21.93	34,131 260 464 3,098 167
	1,595,963.67	763,233	919,277	820,323		38,120
INTERIM PROBABI	C COUNTY CT 7 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044	3			
2004 2012 2016 2017 2018	1,695,531.94 17,580.79 10,047.59 4,793.12 65,530.70	749,361 4,809 1,567 581 5,501	915,897 5,878 1,915 710 6,724	932,232 13,285 9,037 4,514 64,705	23.88 23.96	39,737 556 377 188 2,699
	1,793,484.14	761,819	931,124	1,023,774		43,557
INTERIM PROBABI	C COUNTY CT 8 1 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044	3			
2004 2012	1,686,001.22 17,580.81	745,149 4,809	910,654 5,877	927,088 13,286	23.46 23.88	39 , 518 556



ACCOUNT 344 GENERATORS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)		ANNUAL ACCRUAL (7)
INTERIN PROBABI	E COUNTY CT 8 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044	3			
2016	9,996.39	1,559	1,905	8,991	23.96	375
2017	4,755.50	577	705	4,478		187
2018	65,530.70	5,501	6 , 723	64,706	23.97	2,699
	1,783,864.62	757 , 595	925,864	1,018,548		43,335
INTERIN PROBABI	E COUNTY CT 9 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044	3			
2004	1,432,117.55	632,942	553 , 509	1,007,499	23.46	42,945
2012	17,580.79	4,809	4,205	14,958		626
2016	542,116.46	84,535	73 , 926	516,981		21,577
2017	4,788.07	581	508	4,711	23.97	197
	1,996,602.87	722,867	632,149	1,544,148		65,345
INTERIN PROBABI	E COUNTY CT 10 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044	3			
2004	1,719,024.58	759,744	932,544	941,192	23.46	40,119
2012	17,580.74	4,809	5,903	13,260		555
2016	11,366.82	1,772	2,175	10,215		426
2017	163,760.81	19,854	24,370	154,130	23.97	6,430
	1,911,732.95	786,179	964,992	1,118,797		47,530
PROBABI	SOLAR M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2041	2.5			
2016	8,363,103.36	1,549,572	1,570,182	7,043,814	18.19	387,236
	8,363,103.36	1,549,572	1,570,182	7,043,814		387,236



ACCOUNT 344 GENERATORS

YEAR (1)	ORIGINAL COST (2)		ALLOC. BOOK RESERVE (4)			ANNUAL ACCRUAL (7)
INTERI PROBA	DNVILLE SOLAR IM SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044				
2019	219,926.17	•	14,335	207,790		9,811
2020	265,561.25	3 , 076	4,403	263,814	21.54	12,248
	485,487.42	13,092	18,738	471,604		22,059
SURVI	SOLAR /OR CURVE IOWA ALVAGE PERCENT					
2018	57,651.55	5,073	4,983	58,434	23.00	2,541
	57,651.55	5,073	4,983	58,434		2,541
	58,386,726.79	22,151,629	25,403,759	37,552,816		1,611,164
(COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	r 23.3	2.76

ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABI	UN CC 7 I SURVIVOR CURV E RETIREMENT Y UVAGE PERCENT	EAR 6-2055				
	5,055,638.51 1,734,353.07 17,225.74 49,947.73	158,323 549		4,838,857 1,758,943 18,544 55,017	33.48	52 , 537 548
	6,857,165.05	895,596	940,092	6,671,361		201,160
INTERIM PROBABI	ID RIVER ROAD G. I SURVIVOR CURV. JE RETIREMENT Y. JVAGE PERCENT	E IOWA 50-S EAR 6-2021				
1970	39,531.14		41,728	1,361		1,361
1974	330.33		348	12		12
2011	3,818.97	3,746	3,708		1.00	455
2012	41,019.14	39,743	39,338	5,373	1.00	5,373
2015	9,956.91	9,044	8,952	1,901	1.00	1,901
	94,656.49	95,042	94,074	9,102		9,102
INTERIM PROBABI	RUN GENERATOR SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 50-S EAR 6-2025				
1970	42,993.47	41,341	45,573			
1988	4,190.15	3,845	4,442			
1998	6,870.11	5 , 940	7,282			
2002	9,028.95	7,497	9,571			
2011	509,883.19	347,310	540,476 10,033			
2013	9,465.20	5,853				
2015	9,931.03	5,263	10,527			
2020	12,782.32	645	13,549			
	605,144.42	417,694	641,453			



ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERII PROBABI	S RUN GENERATOR M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	E IOWA 50-S EAR 6-2025				
1970 1998 2011 2018	65,060.85 16,896.62 798,671.63 20,589.44	544,020	68,965 17,910 846,592 21,825			
	901,218.54	627,426	955 , 292			
INTERII PROBABI	S RUN GENERATOR M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT 2,749,906.79 6,000.00	E IOWA 50-S EAR 6-2041 -6		805,604 1,900		41 , 784 98
2012 2014 2015 2018 2019	28,330.61 11,855.82 46,754.60 3,000.61 15,064.81		12,316	17,715 8,430 35,458	20.63 20.75 20.79 20.89	859 406 1,706
	2,860,913.24	1,461,997	2,145,789	886,779		45,698
PROBAB	CT 5 M SURVIVOR CURVI LE RETIREMENT YI LVAGE PERCENT	EAR 6-2041				
2001 2002 2010 2012	2,556,495.61 3,460.00 13,121.14 29,296.54	1,769	1,712,409 2,246 5,844 11,121	1,023,041 1,456 8,195 20,226	19.46 20.48	75
	2,602,373.29	1,363,790	1,731,621	1,052,918		54,517



ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAB	CT 6 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
2000 2010 2012 2019	896,522.26 27,599.75 21,005.07 97,237.37	507,305 10,305 6,722 5,216	533,700 10,841 7,072 5,487	425,579 18,691 15,404 98,557	18.75	24,236 1,003 822 5,201
	1,042,364.45	529,548	557,100	558,230		31,262
PROBAB	CT 7 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
2000	932,233.68 9,408.42	527,513 3,513	652,889 4,348	344,601 5,719	18.64	19,624 307
2012 2019	21,005.07 168,002.89	6,722 9,012	8,320 11,154	14,156 168,609		755 8 , 898
	1,130,650.06	546,760	676,711	533,085		29,584
INTERI PROBAB	E COUNTY CT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042				
2002 2004 2011 2012 2013 2016 2019	641,493.97 5,292.01 11,234.08 20,807.27 7,811.75 53,711.68 42,447.95	327,092 2,511 3,613 6,132 2,082 9,080 2,021	398,901 3,062 4,406 7,478 2,539 11,073 2,465	300,327 2,706 7,839 15,202 5,976 47,472 43,804	21.56 21.63 21.79	14,838 131 365 705 276 2,179 2,001
	782,798.71	352,531	429,925	423,326		20,495



ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTERIM PROBABI	COUNTY CT 6 SURVIVOR CURVI E RETIREMENT YE VAGE PERCENT	EAR 6-2042				
2002 2004 2012 2014 2016	1,563,332.03 4,704.54 2,977.10 84,650.68 53,711.68	797,129 2,232 877 19,993 9,080	920,516 2,577 1,013 23,088 10,485	783,516 2,550 2,232 69,182 48,060	20.60 21.56 21.69	38,711 124 104 3,190 2,206
	1,709,376.03	829,311	957 , 679	905,541		44,335
INTERIM PROBABI	COUNTY CT 7 I SURVIVOR CURVI E RETIREMENT YI VAGE PERCENT	EAR 6-2044				
2004 2009 2012 2013 2014 2016	1,801,349.20 1,409.27 2,977.10 38,938.88 255,565.68 68,528.70	819,356 496 827 9,751 56,468 10,791	1,007,684 610 1,017 11,992 69,447 13,271	955,786 926 2,228 30,451 209,119 61,425	23.38 23.47 23.56	43,131 40 95 1,297 8,876 2,593
	2,168,768.83	897,689	1,104,022	1,259,936		56,032
INTERIM PROBABI	COUNTY CT 8 SURVIVOR CURVI E RETIREMENT YI VAGE PERCENT	EAR 6-2044				
2004 2009 2012 2014	1,834,731.90 1,409.27 2,977.10 104,628.01	834,541 496 827 23,118	1,027,419 611 1,018 28,461	972,439 925 2,227 85,584	23.03 23.38	43,883 40 95 3,633
	1,943,746.28	858,982	1,057,509	1,061,174		47,651



ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)		ACCRUED		FUTURE BOOK ACCRUALS (5)	LIFE	ACCRUAL
INTERIN PROBABI	E COUNTY CT 9 1 SURVIVOR CURVE LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044				
	1,883,837.98 1,409.24 2,977.10 10,043.69	496 827	624 1,041	974,653 912 2,204 7,781	23.03 23.38	
	1,898,268.01	860,715	1,083,562	985 , 550		44,449
INTERIN PROBABI	E COUNTY CT 10 4 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044				
	4,357,112.79 1,409.27 29,314.03 2,977.10 34,769.07 140,020.09 1,648,664.83	496 8,904 827 8,706 30,938	573 10,281 955 10,053	2,460,815 963 21,671 2,290 27,846 116,898 1,564,330	23.03 23.27 23.38 23.47 23.56	42 931
	6,214,267.18	2,233,273	2,578,739	4,194,812		184,134
PROBABI	SOLAR 4 SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2041				
2016	285,072.02	47,130	60,416	233,208	20.24	11,522
	285,072.02	47,130	60,416	233,208		11,522
INTERIN PROBABI	NVILL SOLAR M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2044				
2019	259,439.84	10,542	471	261,563	23.14	11,304
	259,439.84	10,542	471	261,563		11,304



ACCOUNT 345 ACCESSORY ELECTRIC EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	SOLAR VOR CURVE IOWA ALVAGE PERCENT					
2018	27,319.98	1,199	2,233	26,453	43.12	613
	27,319.98	1,199	2,233	26,453		613
	31,383,542.42	12,029,225	15,016,688	19,063,038		791 , 858
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	24.1	2.52



ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABLI	N 7 SURVIVOR CURV E RETIREMENT Y JAGE PERCENT	EAR 6-2055				
2015 2017 2018 2019	878,185.77 25,000.00 33,639.69 28,674.88	2,225 2,047	1,700	880,051 26,050 35,776 31,145		757 1,037
	965,500.34	129,189	98,682	973,023		28,405
INTERIM PROBABLI	D RIVER ROAD G SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 55-R EAR 6-2021				
2007	9,488.39	9,603	10,342			
	9,488.39	9,603	10,342			
INTERIM PROBABLI	RUN GENERATOR SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 55-R EAR 6-2025				
2007	9,494.38	7,271	10,064			
	9,494.38	7,271	10,064			
INTERIM PROBABLI	RUN GENERATOR SURVIVOR CURV E RETIREMENT Y VAGE PERCENT	E IOWA 55-R EAR 6-2041				
2001 2002 2007 2010 2014 2016 2018	1,249,487.27 3,000.00 14,428.54 6,550.80 2,416.55 16,014.23 7,453.78	637,911 1,486 5,890 2,252 571 2,724 689	819,690 1,909 7,568 2,894 734 3,500 885	504,766 1,271 7,726 4,050 1,828 13,475 7,016	20.33 20.41 20.71 20.81 20.90 20.93 20.95	24,829 62 373 195 87 644 335
	1,299,351.17	651,523	837,181	540,131		26,525



ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)			FUTURE BOOK ACCRUALS (5)		ACCRUAL
PROBAB	CT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2041				
2001 2002 2007 2016	3,146.00	1,573 10,124	1,965 12,648	996,892 1,401 13,641 27,730	20.41 20.71	69 659
	2,399,250.01	1,222,740	1,527,533	1,039,665		51,089
PROBAB:	CT 6 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
	11,034.25			4,034		
2003 2019	11,421.52 10,299.94	5,818 546	7 , 387 693	4,834 10,328		
	32,755.71	12,486	15,853	19,196		1,022
PROBAB:	CT 7 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2039				
2000	11,048.30 11,999.48		7,962	3,860		
2003	23,047.78	6,113 12,243	7,940 15,902	4,899 8,759	18.03	263 472
INTERI PROBAB	E COUNTY CT 5 M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 6-2042				
2005 2007	8,937.45 5,591.47	3,991 2,283	5,440 3,112	4,302 2,983	21.54 21.65	200 138
	14,528.92	6,274	8,552	7,285		338



ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)		
INTERIM PROBABLE		7E IOWA 55-R 7EAR 6-2044 -9						
2004	5,204.51	2,304	2,856	2,817	23.29	121		
	5,204.51	2,304	2,856	2,817		121		
INTERIM PROBABLE		YE IOWA 55-R YEAR 6-2044 -9						
2004	5,182.59	2,294	2,846	2,803	23.29	120		
	5,182.59	2,294	2,846	2,803		120		
INTERIM PROBABLE		YE IOWA 55-R YEAR 6-2044 -9						
2004	5,328.44	2,359	2,914	2,894	23.29	124		
	5,328.44	2,359	2,914	2,894		124		
INTERIM PROBABLE	TRIMBLE COUNTY CT 10 INTERIM SURVIVOR CURVE IOWA 55-R4 PROBABLE RETIREMENT YEAR 6-2044 NET SALVAGE PERCENT9							
2004 2010 2011	5,316.29 16,663.61 3,353.01	2,354 5,388 1,003	•	2,755 11,205 2,360	23.69			
	25,332.91	8,745	11,293	16,320		690		



ACCOUNT 346 MISCELLANEOUS POWER PLANT EQUIPMENT

YEAR (1)				FUTURE BOOK ACCRUALS (5)	LIFE	ANNUAL ACCRUAL (7)
PROBAE	SOLAR M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2041	2.5			
2016	271,849.13	45,142	41,447	238,558	20.03	11,910
	271,849.13	45,142	41,447	238,558		11,910
INTERI PROBAE	DNVILLE SOLAR M SURVIVOR CURV BLE RETIREMENT Y ALVAGE PERCENT	EAR 6-2044	2.5			
2019	23,884.71	970	42	24,082	22.92	1,051
	23,884.71	970	42	24,082		1,051
	5,090,198.99	2,113,143	2,585,507	2,875,533		121,867
(COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAI	RATE, PERCEN	r 23.6	2.39



ACCOUNT 350.1 LAND RIGHTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA					
NDI OIID	VIIOL ILIKOLIVI	0				
1924	524.00	495	524			
1936	6,427.00	5,783	6,427			
1937	106.83	96	107			
1938	1,197.13	1,067	1,197			
1939	10,690.00	9,474	10,690			
1940	134,404.63	118,474	134,405			
1941	2,306.00	2,021	2,306			
1943	98,666.00	85,392	98,666			
1945	1,599.00	1,365	1,599			
1948	45,332.00	37,795	45,332			
1949	73,107.00	60,425	73,107			
1950	49,327.76	40,396	49,328			
1951 1952	4,444.00 212,138.00	3,605 170,389	4,444			
1952	10,061.48	7,912	212,138 10,061			
1955	2,054.00	1,597	2,054			
1956	103.00	79	103			
1957	48,020.00	36,489	47,823	197	18.01	11
1958	102,241.00	76,763	100,607	1,634	18.69	87
1959	41,920.00	31,088	40,745	1,175	19.38	61
1960	4,936.00	3,614	4,737	199	20.08	10
1961	9,374.00	6 , 776	8,881	493	20.79	24
1962	34,954.00	24,929	32,672	2,282	21.51	106
1963	124,253.00	87 , 408	114,559	9,694	22.24	436
1964	18,622.00	12,916	16,928	1,694	22.98	74
1965	9,159.00	6,261	8,206	953	23.73	40
1966	1,246.00	839	1,100	146	24.49	6
1967	11,816.77	7,837	10,271	1,546	25.26	61
1968	18,431.00	12,032	15,769	2,662	26.04	102
1969	315,902.00	202,894	265,917	49,985	26.83	1,863
1970	21,103.00	13,329	17,469	3,634	27.63	132
1971	16,398.00	10,180	13,342	3,056	28.44	107
1972	2,407.00	1,468	1,924	483	29.26	17
1973	66,035.00	39,542	51,824	14,211	30.09	472
1974 1975	37,854.00 87,044.86	22,243	29 , 152	8,702	30.93 31.78	281 670
1975	307,843.00	50,161 173,910	65,742 227,930	21,303 79,913	32.63	
1977	40,880.00	22,620	29,646	11,234	33.50	2 , 449
1978	32,634.00	17,679	23,170	9,464	34.37	275
1979	138,276.00	73,268	96,026	42,250	35.26	1,198
1980	271,275.35	140,521	184,170	87,105	36.15	2,410
100	2,1,2,0.00	110,021	101/1/0	0,,100	00.10	2,110



ACCOUNT 350.1 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE IOWA LVAGE PERCENT					
1981	25,121.00	12,714	16,663	8,458	37.04	228
1982	82,797.00	40,902	53 , 607	29,190	37.95	769
1983	25.00	12	16	9	38.86	
1984	2,330.00	1,094	1,434	896	39.78	23
1986	5,634.00	2,507	3,286	2,348	41.63	56
1989	6.00	2	3	3	44.45	
1991	21,165.00	8,082	10,592	10,573	46.36	228
1994	2,763.00	949	1,244	1,519	49.25	31
1995	37,300.00	12,324	16,152	21,148	50.22	421
1998	520.00	151	198	322	53.15	6
2007	5,188,636.78	896,596	1,175,095	4,013,542	62.04	64,693
2012	806,242.00	85,889	112,568	693,674	67.01	10,352
	8,587,652.59	2,682,354	3,451,956	5,135,697		88,034

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 58.3 1.03



ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA /AGE PERCENT					
1940	1,162.00	1,046	1,259	19	11.83	2
1941	11,330.40	10,128	12,190	273	12.18	22
1942	35,382.26	31,412	37 , 807	1,113	12.54	89
1947	1,530.00	1,309	1,576	107	14.46	7
1948	2,319.00	1,967	2,367	184	14.87	12
1949	16,355.00	13 , 759	16,560	1,430	15.29	94
1950	13,105.00	10,929	13,154	1,262	15.72	80
1951	1,673.00	1,383	1,665	175	16.15	11
1952	6 , 519.34	5 , 340	6 , 427	744	16.60	45
1953	48,775.00	39 , 579	47 , 637	6,016	17.05	353
1954	66,176.24	53 , 185	64,013	8,781	17.51	501
1955	4,222.48	3 , 360	4,044	601	17.98	33
1957	33,890.00	26,411	31,788	5,491	18.95	290
1958	71,716.91	55 , 283	66 , 539	12,350	19.45	635
1959	24,007.00	18,298	22,023	4,385	19.96	220
1961	15,400.08	11,467	13,802	3,138	21.00	149
1963	4,710.00	3,421	4,118	1,063	22.08	48
1964	33,728.52	24,185	29,109	7,992	22.63	353
1966	3,081.00	2,150	2,588	801	23.77	34
1967	10,540.00	7,251	8,727	2,867	24.35	118
1968	2,693.00	1,826	2,198	764	24.93	31
1969	3,083.12	2,059	2,478	913	25.53	36
1970	2,402.76	1,580	1,902	741	26.14	28
1971	6,045.00	3,913	4,710	1,940	26.75	73
1972	52,809.33	33,630	40,477	17,613	27.37	644
1973	9,020.82	5,648	6 , 798	3,125	28.00	112
1974	83,171.00	51,177	61,597	29,891	28.64	1,044
1975	151,081.00	91,301	109,890	56,299	29.29	1,922
1976	4,720.00	2,800	3,370	1,822	29.94	61
1977 1978	32,594.00	18,975	22,838	13,015	30.60	425
	60,729.20 49,165.00	34,665	41,723	25 , 079	31.27	802
1979 1980		27 , 498	33,097	20 , 984	31.95	657
1981	103,255.99	56,564 83,249	68,080 100,199	45,502 70,662	32.63	1,394
1982	155,328.00 30,959.00	16,226	19,530	14,525	33.33 34.03	2,120 427
1983	9,621.13	4,929	5,933		34.03	134
	13,695.00			4,650 6,818		
1984 1985	13,414.00	6,851 6,547	8,246 7,880	6,818 6,875	35.44 36.16	192 190
1986	65,150.48	30,992	37,302	34,364	36.89	932
1987	35,029.00	16,231	19,536	18,996	37.62	505
1988	12,383.21	5,583	6,720	6,902	38.36	180
1700	12,000.21	3,303	0,120	0,302	50.50	100

ACCOUNT 352 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
1990	199,609.00	84,923	102,213	117,357	39.86	2,944
1991	48,040.89	19,821	23,857	28,988	40.62	714
1992	95,483.00	38,151	45,919	59,112	41.39	1,428
1993	4,265.59	1,649	1,985	2,707	42.16	64
1994	271,818.74	101,475	122,135	176,866	42.94	4,119
1995	36,997.21	13,323	16,036	24,661	43.72	564
1997	9,409.00	3,135	3 , 773	6 , 577	45.31	145
2000	112,924.29	33,003	39 , 722	84,495	47.73	1,770
2001	26,216.00	7,303	8 , 790	20,048	48.54	413
2002	410,134.89	108,483	130,570	320 , 578	49.37	6,493
2003	66,683.98	16,702	20,103	53 , 249	50.20	1,061
2004	71,578.65	16,922	20,367	58 , 370	51.03	1,144
2005	18,356.71	4,079	4,909	15 , 283	51.87	295
2006	66,363.10	13,803	16,613	56 , 386	52.71	1,070
2007	39,921.10	7,729	9,303	34,610	53.56	646
2008	2,138,364.13	383,221	461,244	1,890,957	54.41	34,754
2009	107,992.72	17,782	21,402	97 , 390	55.27	1,762
2010	902,575.28	135,482	163,066	829 , 767	56.13	14,783
2011	324,896.86	43,987	52 , 943	304,444	57.00	5,341
2012	81,500.91	9,834	11,836	77,815	57.87	1,345
2013	97,125.47	10,272	12,363	94,475	58.75	1,608
2014	665,319.53	60,466	72 , 777	659 , 074	59.63	11,053
2015	895,243.81	68,028	81,879	902,889	60.51	14,921
2016	8,890,383.14	541,584	651 , 850	9,127,571	61.40	148,658
2017	373,079.40	17,047	20,518	389,869	62.30	6,258
2018	390,312.04	11,957	14,391	414,952	63.19	6,567
2019	26,060.21	397	478	28,188	64.10	440
2020	39,087.65	152	183	42,813	64.77	661
	17,711,716.57	2,594,817	3,123,122	16,359,766		286,026

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 57.2 1.61



ACCOUNT 353 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE IOWA LVAGE PERCENT					
1939	1,320.92	1,289	1,433	152	11.20	14
1941	132,425.30	127,553	141,814	17,096	11.84	1,444
1942	799,047.31	764 , 372	849,834	109,023	12.17	8 , 958
1943	73,940.80	70,244	78 , 098	10,631	12.50	850
1944	114,299.70	107,807	119,861	17,299	12.84	1,347
1945	102,813.00	96,254	107,016	16,360	13.19	1,240
1946	8,472.58	7,873	8,753	1,414	13.54	104
1947	87,404.00	80 , 586	89 , 596	15 , 289	13.90	1,100
1948	57 , 665.50	52 , 741	58 , 638	10,561	14.27	740
1949	651,594.73	591 , 127	657 , 219	124,695	14.64	8,517
1950	346,838.93	312,018	346,904	69,303	15.02	4,614
1951	209,706.12	187,017	207,927	43,720	15.41	2,837
1952	634,714.90	560,961	623,681	137,977	15.81	8,727
1953	671,251.73	587,880	653,609	151,893	16.21	9,370
1954	1,560,337.09	1,353,430	1,504,753	367 , 652	16.63	22,108
1955	561,185.55	482,056	535,953	137,470	17.05	8,063
1956	1,557,396.55	1,324,416	1,472,495	396 , 381	17.48	22,676
1957 1958	442,003.11 1,629,785.04	371,988 1,356,953	413,579 1,508,670	116,825	17.92 18.37	6,519
1959	1,770,610.47	1,458,268	1,621,313	447,072 503,420	18.82	24,337 26,749
1960	341,712.04	278,222	309,329	100,725	19.29	5,222
1961	58,881.07	47,388	52 , 686	17,971	19.76	909
1962	744,905.14	592,352	658,581	235,305	20.24	11,626
1963	217,124.45	170,485	189,546	71,003	20.74	3,423
1964	296,160.08	229,583	255,252	100,140	21.24	4,715
1965	560,072.98	428,456	476,361	195,727	21.75	8,999
1966	1,293,874.76	976 , 617	1,085,810	466,840	22.26	20,972
1967	562,572.60	418,669	465,479	209,608	22.79	9,197
1968	646,670.09	474,395	527,436	248,568	23.32	10,659
1969	1,689,360.44	1,220,739	1,357,227	670 , 006	23.87	28,069
1971	703,132.07	492,477	547,540	296,218	24.98	11,858
1972	6,593,799.58	4,543,154	5,051,112	2,861,447	25.55	111,994
1973	99,736.02	67 , 582	75 , 138	44,545	26.12	1,705
1974	3,320,425.54	2,210,726	2,457,901	1,526,610	26.71	57 , 155
1975	827,832.50	541,402	601,935	391,464	27.30	14,339
1976	3,013,569.50	1,934,712	2,151,027	1,465,256	27.90	52,518
1977	3,870,001.01	2,437,311	2,709,820	1,934,181	28.51	67,842
1978	4,613,886.59	2,849,555	3,168,156	2,368,508	29.12	81,336
1979	2,812,113.22	1,701,880	1,892,163	1,482,373	29.74	49,844
1980	4,177,717.25	2,475,699	2,752,500	2,260,761	30.37	74,441
1981	1,273,888.74	738,606	821,188	707,478	31.01	22,815

ACCOUNT 353 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CIIDIITI	OR CURVE IOWA	60-R1.5				
	ALVAGE PERCENT					
MET OF	ADVAGE IERCENI	20				
1982	640,288.25	363,043	403,634	364,712	31.65	11,523
1983	255,364.99	141,473	157,291	149,147	32.30	4,618
1984	27,783.12	15 , 025	16,705	16,635	32.96	505
1985	225,916.39	119,148	132,470	138,630	33.63	4,122
1986	172,184.70	88 , 502	98 , 397	108,225	34.30	3 , 155
1987	213,691.24	106,975	118,936	137,493	34.97	3,932
1988	333,795.88	162,493	180,661	219,894	35.66	6,166
1989	20,921.39	9,900	11,007	14,099	36.34	388
1990	13,492,466.00	6,195,794	6,888,528	9,302,431	37.04	251,146
1991	863,159.58	384,279	427,244	608,547	37.74	16,125
1992	876,959.83	377 , 973	420,233	632,119	38.45	16,440
1993	1,678,275.62	699,499	777,708	1,236,223	39.16	31,569
1994	3,266,833.71	1,315,227	1,462,279	2,457,921	39.87	61,648
1995	652,658.51	253,362	281,690	501,500	40.59	12,355
1996	2,121,762.98	792 , 682	881,310	1,664,806	41.32	40,291
1997	1,494,611.24	536 , 571	596,564	1,196,969	42.05	28,465
1998	1,447,162.22	498,107	553 , 799	1,182,796	42.79	27,642
1999	465,724.36	153,410	170,562	388,307	43.53	8,920
2000	1,769,591.82	556 , 721	618,966	1,504,544	44.27	33,986
2001	141,534.29	42,404	47,145	122,696	45.02	2,725
2002	3,725,471.95	1,060,284	1,178,831	3,291,735	45.77	71,919
2003	5,838,336.35	1,572,848	1,748,704	5,257,300	46.53	112,987
2004	359,936.37	91,494	101,724	330,200	47.29	6,982
2005	6,933,760.68	1,655,782	1,840,910	6,479,603	48.06	134,823
2006	972,331.72	217,409	241,717	925,081	48.82	18,949
2007	2,671,374.78	555 , 635	617 , 759	2,587,891	49.60	52 , 175
2008	1,542,218.84	297,031	330,241	1,520,422	50.37	30,185
2009	1,595,612.10	282,423	314,000	1,600,735	51.15	31,295
2010	1,481,214.16	238,766	265,462	1,511,995	51.94	29,110
2011	5,284,173.26	768,340	854,246	5,486,762	52.73	104,054
2012	13,229,336.63	1,714,522	1,906,218	13,968,986	53.52	261,005
2013	2,290,681.76	260,231	289,327	2,459,491	54.32	45,278
2014	8,878,250.81	866 , 482	963,361	9,690,540	55.12	175,808
2015	20,307,759.96	1,657,113	1,842,390	22,526,922	55.92	402,842
2016	31,770,485.46	2,077,790	2,310,102	35,814,481	56.73	631,315
2017	4,700,681.92	231,274	257,132	5,383,686	57.54	93,564



ACCOUNT 353 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2018 2019 2020	29,515,121.95 16,114,763.22 4,519,063.75	967,978 264,347 18,980	1,076,205 293,903 21,102	34,341,941 19,043,813 5,401,774	58.36 59.18 59.79	588,450 321,795 90,346
	241,021,510.79	62,336,160	69,305,796	219,920,017		4,578,555
	COMPOSITE REMAIN:	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	48.0	1.90



ACCOUNT 354 TOWERS AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1942	690,697.80	902,469	1,036,047			
1948	161,892.61	202,462	233,932	8,907	12.47	714
1950	278,647.25	342,289	395,494	22,477	13.58	1,655
1952	87,435.00	105,342	121,716	9,436	14.76	639
1954	11,040.75	13,024	15,048	1,513	16.02	94
1955	614,150.00	716,464	827,830	93,395	16.67	5,603
1956	59,479.12	68,603	79 , 267	9,952	17.33	574
1957	95 , 283.85	108,605	125,486	17,440	18.01	968
1958	234,882.03	264,524	305,641	46,682	18.69	2,498
1959	480,095.65	534,058	617,071	103,072	19.38	5,318
1960	16,277.06	17,879	20,658	3,758	20.08	187
1961	11,708.00	12,694	14,667	2,895	20.79	139
1962	1,467,865.39	1,570,322	1,814,410	387,388	21.51	18,010
1963	5,650.00	5 , 962	6,889	1,586	22.24	71
1964	17,450.62	18,156	20,978	5,198	22.98	226
1965	15,715.05	16,114	18,619	4,954	23.73	209
1966	90,213.78	91,134	105,300	30,021	24.49	1,226
1967 1968	58,782.26 13,244.25	58,477 12,969	67,567 14,985	20,606 4,881	25.26 26.04	816 187
1969	2,339,967.17	2,254,336	2,604,746	905,205	26.83	33,739
1909	48,328.00	45,786	52,903	19,589	27.63	709
1971	214,059.00	199,332	230,316	90,772	28.44	3,192
1972	165,009.69	150,952	174,416	73,099	29.26	2,498
1973	194,826.64	174,993	202,194	90,046	30.09	2,993
1974	155,682.00	137,218	158,547	74,976	30.93	2,424
1975	531,929.00	459,802	531,273	266,620	31.78	8,390
1976	6,203,556.00	5,256,862	6,073,978	3,231,356	32.63	99,030
1977	897,947.00	745,292	861,139	485,782	33.50	14,501
1978	141,542.16	115,016	132,894	79,419	34.37	2,311
1980	1,132,216.55	879 , 732	1,016,476	681,849	36.15	18,862
1982	1,886,216.09	1,397,686	1,614,939	1,214,385	37.95	32,000
1984	4,471.00	3,149	3,638	3,068	39.78	77
1985	6,969.00	4,781	5,524	4,930	40.70	121
1986	11,008.00	7,347	8,489	8,023	41.63	193
1993	13.57	7	8	12	48.28	
1994	4,284,591.72	2,206,543	2,549,524	3,877,364	49.25	78,728
1997	286,139.00	130,651	150,959	278,250	52.17	5,334
2001	24,582.00	9,292	10,736	26,137	56.10	466
2002	144,643.00	51,839	59 , 897	157,068	57.08	2,752
2004	48,122.49	15,341	17,726	54 , 458	59.06	922
2005	757,189.84	226,396	261,587	874,198	60.05	14,558

ACCOUNT 354 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
2006	22,848.65	6,379	7,371	26,902	61.04	441
2009	696,240.91	152 , 759	176,503	867,858	64.03	13,554
2010	14,730,191.30	2,940,220	3,397,241	18,698,046	65.02	287 , 574
2011	101,870.88	18,296	21,140	131,666	66.02	1,994
2012	1,079,741.29	172,537	199,356	1,420,256	67.01	21,195
2013	68,789.52	9,617	11,112	92 , 072	68.01	1,354
2014	416,145.60	49,856	57 , 605	566,613	69.01	8,211
2015	2,082,697.42	207,843	240,150	2,883,896	70.01	41,193
2016	611,309.35	48,902	56,503	860,461	71.00	12,119
2017	239,236.42	14,354	16,585	342,270	72.00	4,754
2018	1,436,408.71	57 , 464	66,396	2,088,217	73.00	28,606
2019	982,266.85	19,640	22,693	1,450,707	74.00	19,604
	46,357,266.29	23,231,767	26,836,169	42,699,730		803,533

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 53.1 1.73



ACCOUNT 355 POLES AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1935	395.82	625	612	100	7.37	14
1939	359.54	555	543	104	8.58	12
1941	2,858.00	4,356	4,263	881	9.20	96
1946	37.68	56	55	13	10.87	1
1949	40.20	58	57	15	11.95	1
1953	142,361.00	198,550	194,291	61,959	13.51	4,586
1954	6,028.00	8,333	8,154	2,696	13.92	194
1955	2,033.01	2,785	2,725	934	14.34	65
1956	11,006.97	14,935	14,615	5,198	14.77	352
1957	115,005.08	154,497	151,183	55 , 826	15.22	3,668
1958	263,248.43	350,093	342,584	131,263	15.67	8,377
1959	20,860.62 366.66	27 , 455 477	26,866 467	10,683	16.13 16.60	662 12
1960 1961	2,044.34	2 , 632	2 , 576	193 1,104	17.08	65
1962	42,111.00	53,603	52,453	23,347	17.57	1,329
1963	8,950.55	11,259	11,018	5,093	18.07	282
1964	54,294.58	67,466	66,019	31,711	18.58	1,707
1965	51,931.00	63,720	62,353	31,123	19.10	1,629
1966	72,976.63	88,382	86,486	44,872	19.63	2,286
1967	64,258.73	76,782	75,135	40,531	20.17	2,009
1968	153,533.42	180,925	177,044	99,316	20.72	4,793
1969	97,440.35	113,186	110,758	64,635	21.28	3,037
1970	214,455.15	245,443	240,178	145,841	21.85	6,675
1971	202,053.40	227,736	222,851	140,845	22.43	6 , 279
1972	40,773.75	45,234	44,264	29,129	23.02	1,265
1973	31,077.91	33,928	33,200	22,740	23.61	963
1974	216,318.93	232,195	227,215	162,159	24.22	6,695
1975	199,115.73	210,088	205,582	152,826	24.83	6 , 155
1976	591,596.91	613,016	599 , 867	465,007	25.46	18,264
1977	690,870.26	702,826	687,751	555,815	26.09	21,304
1978	403,905.76	403,138	394,491	332,539	26.73	12,441
1979	1,976,257.82	1,933,373	1,891,903	1,665,361	27.39	60,802
1980	2,446,388.55	2,345,612	2,295,300	2,108,199	28.04	75,185
1981	515,024.96	483,454	473,084	453,961	28.71	15,812
1982 1983	1,545,518.02 98,628.55	1,419,258 88,558	1,388,816	1,393,116 90,873	29.39 30.07	47,401
	130,172.01		86 , 658		30.76	3,022
1984 1985	445,030.36	114,186 381,038	111,737 372,865	122,573 428,190	31.46	3,985 13,611
1986	550,714.52	459,788	449,926	541,360	32.17	16,828
1987	569,048.58	462,978	453,047	571,240	32.17	17,373
1988	326,449.39	258,448	252,904	334,705	33.61	9,958
100	520, 119.55	230, 440	202,004	334,703	JJ. UI	5,550

ACCOUNT 355 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVI	VOR CURVE IOWA	60-R2				
	ALVAGE PERCENT	-80				
1989	796,851.31	613,650	600,488	833,844	34.33	24,289
1990	341,542.21	255 , 439	249,960	364,816	35.07	10,403
1991	743,161.53	539 , 089	527 , 526	810,165	35.82	22,618
1992	1,289,106.25	906,113	886 , 677	1,433,714	36.57	39 , 205
1993	405,906.07	276 , 178	270 , 254	460,377	37.32	12,336
1994	2,185,637.13	1,436,632	1,405,817	2,528,330	38.09	66 , 378
1995	1,688,857.59	1,071,063	1,048,089	1,991,855	38.86	51 , 257
1996	269,101.73	164,366	160,840	323,543	39.64	8,162
1997	550,926.95	323,611	316,670	674 , 999	40.42	16,700
1998	563 , 479.65	317,637	310,824	703,439	41.21	17,070
1999	190,696.79	102,918	100,710	242,544	42.01	5 , 773
2000	326 , 477.57	168,364	164,753	422,907	42.81	9,879
2001	2,668,781.30	1,311,439	1,283,309	3,520,497	43.62	80 , 708
2002	24,590.00	11,486	11,240	33,022	44.43	743
2003	611,913.88	270,768	264,960	836,485	45.25	18,486
2004	106,768.27	44,586	43,630	148,553	46.08	3,224
2005	4,706,632.11	1,848,323	1,808,678	6,663,260	46.91	142,043
2006	503,773.65	185,140	181,169	725,624	47.75	15,196
2007	5,207,016.80	1,782,393	1,744,162	7,628,468	48.59	156,997
2008	577,669.51	183,006	179,081	860,724	49.44	17,409
2009	1,895,689.04	552,203	540,358	2,871,882	50.29	57,106
2010	2,433,461.76	646,084	632,226	3,748,005	51.15	73,275
2011	1,258,630.94	301,316	294,853	1,970,683	52.02	37,883
2012	9,896,754.17	2,114,006	2,068,662	15,745,496	52.88	297,759
2013	3,956,538.26	740,664	724,777	6,396,992	53.76	118,992
2014	6,063,897.54	975,038	954,124	9,960,892	54.64	182,300
2015	11,271,939.52	1,515,016	1,482,519	18,806,972	55.52	338,742
2016	18,159,972.52	1,955,720	1,913,771	30,774,180	56.41	545,545
2017	4,549,241.60	368,489	360,585	7,828,050	57.30	136,615
2018	2,859,020.16	155,262	151,932	4,994,304	58.19	85,828
2019	5,332,199.99	143,969	140,881	9,457,079	59.10	160,018
2020	6,583,157.40	45,384	44,410	11,805,273	59.77	197,512
	110,324,935.37	33,406,379	32,689,831	165,895,053		3,329,646

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 49.8 3.02



ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1942	726,289.36	1,099,888	1,085,661	221,660	9.52	23,284
1943	41.75	63	62	13	9.85	1
1944	173.00	259	256	55	10.18	5
1945	6.00	9	9	2	10.52	
1947	0.31			1	11.22	
1948	10,597.11	15 , 393	15,194	3,881	11.58	335
1949	255,933.15	368,926	364,154	96,526	11.95	8,077
1950	49,437.00	70,715	69,800	19,187	12.32	1,557
1951	2,515.42	3,569	3,523	1,005	12.71	79
1952	760.00	1,069	1,055	313	13.10	24
1953	76,321.30	106,445	105,068	32,310	13.51	2,392
1954	35,734.40 15,387.18	49,399	48,760	15,562	13.92	1,118
1955 1956	313,363.44	21,077 425,201	20,804 419,701	6,893 144,353	14.34 14.77	481 9,773
1957	70,282.42	94,417	93,196	33,312	15.22	2,189
1958	410,060.33	545,337	538,283	199,826	15.67	12,752
1959	132,225.72	174,023	171 , 772	66,234	16.13	4,106
1960	172,002.37	223,946	221,049	88,555	16.60	5,335
1961	7,704.75	9,921	9,793	4,076	17.08	239
1962	1,191,876.52	1,517,147	1,497,523	647,855	17.57	36,873
1963	47,246.06	59,431	58,662	26,381	18.07	1,460
1964	112,026.58	139,204	137,403	64,245	18.58	3,458
1965	104,958.24	128,784	127,118	61,807	19.10	3,236
1966	167,889.96	203,331	200,701	101,501	19.63	5,171
1967	171,885.28	205,385	202,728	106,666	20.17	5,288
1968	226,875.83	267,352	263,894	144,482	20.72	6,973
1969	2,112,945.87	2,454,385	2,422,637	1,380,666	21.28	64,881
1970	218,435.09	249,998	246,764	146,419	21.85	6 , 701
1971	295,431.65	332,983	328 , 676	203,101	22.43	9,055
1972	479,338.23	531,775	524,896	337,913	23.02	14,679
1973	171,623.54	187,361	184,937	123,985	23.61	5,251
1974	349,080.95	374,701	369,854	258,492	24.22	10,673
1975	717,866.94	757,426	747,629	544,531	24.83	21,930
1976	2,625,833.06	2,720,904	2,685,709	2,040,791	25.46	80,157
1977 1978	835,257.37 693,915.14	849,712	838,721 683,638	664,742 565,409	26.09 26.73	25,479
1979		692,597		1,253,067		21,153
1979	1,501,839.38 1,385,730.77	1,469,249 1,328,647	1,450,244 1,311,461	1,182,854	27.39 28.04	45,749 42,185
1981	86,371.86	81,077	80,028	75,441	28.71	2,628
1982	1,622,655.78	1,490,095	1,470,821	1,449,959	29.39	49,335
1983	549,958.15	493,804	487,417	502,508	30.07	16,711
100	010,000.10	100,004	10 / / 11 /	502,500	00.07	10,111

ACCOUNT 356 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1984	21,097.74	18,507	18,268	19,708	30.76	641
1985	218,331.76	186,937	184,519	208,478	31.46	6,627
1986	287,343.29	239,901	236,798	280,420	32.17	8 , 717
1987	206,967.62	168,389	166,211	206,331	32.88	6 , 275
1988	265,418.65	210,130	207,412	270,342	33.61	8,043
1989	320,273.75	246,641	243,451	333,042	34.33	9,701
1990	484,365.06	362 , 257	357,571	514,286	35.07	14,665
1991	233,570.37	169,432	167,240	253,187	35.82	7,068
1992	738,018.92	518,753	512,043	816,391	36.57	22,324
1993	122,774.68	83,536	82,455	138,539	37.32	3,712
1994	2,460,445.15	1,617,265	1,596,346	2,832,455	38.09	74,362
1995	483,064.06	306,356	302,393	567,122	38.86	14,594
1996	78,475.35	47,932	47,312	93,944	39.64	2,370
1997	503,066.70	295,498	291,676	613,844	40.42	15 , 187
1998	63,948.29	36,048	35 , 582	79 , 525	41.21	1,930
1999	293,699.38	158 , 508	156,458	372 , 201	42.01	8,860
2001	1,561,494.45	767,318	757 , 393	2,053,297	43.62	47,072
2002	5,455,258.81	2,548,151	2,515,191	7,304,275	44.43	164,400
2003	778,828.34	344,627	340,169	1,061,722	45.25	23,463
2004	49,927.92	20 , 850	20,580	69 , 290	46.08	1,504
2005	1,016,141.08	399 , 045	393 , 883	1,435,171	46.91	30 , 594
2006	734,072.15	269 , 776	266,286	1,055,044	47.75	22,095
2007	2,077,631.85	711,186	701,987	3,037,750	48.59	62,518
2008	412,214.40	130,590	128,901	613,085	49.44	12,401
2009	1,572,916.64	458,181	452,254	2,378,996	50.29	47,306
2010	589,952.15	156,632	154,606	907,308	51.15	17,738
2011	589,339.10	141,088	139,263	921,547	52.02	17,715
2012	6,420,681.65	1,371,496	1,353,756	10,203,471	52.88	192,955
2013	884,152.90	165,513	163,372	1,428,103	53.76	26,564
2014	714,866.82	114,946	113,459	1,173,301	54.64	21,473
2015	5,912,790.78	794 , 715	784,436	9,858,587	55.52	177,568
2016	5,052,377.64	544,111	537 , 073	8,557,207	56.41	151,697
2017	856,674.81	69 , 391	68 , 493	1,473,522	57.30	25 , 716
2018	1,510,511.63	82 , 030	80,969	2,637,952	58.19	45,333
2019	2,810,670.57	75 , 888	74 , 907	4,984,300	59.10	84,337
2020	2,610,373.99	17 , 996	17,763	4,680,910	59.77	78,315
	66,339,615.71	33,594,625	33,160,077	86,251,231		2,006,613

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.0 3.02



ACCOUNT 357 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
NET SAI	LVAGE PERCENT	- 5				
1969	73,862.36	59,915	63,424	14,131	12.51	1,130
1975	40,686.01	30,712	32 , 510	10,210	15.46	660
1979	6,215.48	4,415	4,674	1,852	17.79	104
1994	14,948.90	7,300	7,727	7,969	29.42	271
1995	9,089.42	4,279	4,530	5,014	30.34	165
1998	1,131,845.28	471,917	499,552	688,886	33.16	20,775
2001	504,873.55	182,456	193,141	336,976	36.07	9,342
2003	12,433.92	4,028	4,264	8 , 792	38.03	231
2012	8,406.41	1,284	1,359	7,468	47.00	159
2018	138,680.19	5,295	5 , 605	140,009	53.00	2,642
	1,941,041.52	771,601	816,786	1,221,308		35,479

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.4 1.83

ACCOUNT 358 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	50-R3				
NET SA	LVAGE PERCENT	-25				
1966	10,511.00	10,942	13,029	110	8.36	13
1967	18,010.95	18,569	22,110	404	8.76	46
1969	67,240.30	67 , 862	80,803	3,247	9.63	337
1971	0.37					
1974	61,045.00	57 , 810	68,834	7,472	12.12	617
1975	197,269.48	184,102	219,208	27 , 379	12.67	2,161
1976	6,134.45	5 , 636	6 , 711	957	13.25	72
1978	10,231.75	9,096	10,831	1,959	14.44	136
1993	133,925.00	82 , 833	98 , 628	68 , 778	25.26	2,723
1995	89,983.40	51,965	61 , 874	50 , 605	26.90	1,881
1998	3,735,788.42	1,921,129	2,287,466	2,382,270	29.43	80,947
1999	89,467.00	44,085	52,492	59 , 342	30.29	1,959
2001	525,152.69	235,794	280,757	375,684	32.04	11,725
2003	1,781.01	720	857	1,369	33.83	40
2005	10,537.39	3,780	4,501	8,671	35.65	243
2011	497,426.73	108,688	129,414	492,369	41.26	11,933
2012	2,004,721.61	389,918	464,270	2,041,632	42.22	48,357
2016	6,593.47	646	769	7,473	46.08	162
2017	279.19	21	25	324	47.06	7
2018	1,032,291.34	50,840	60,535	1,229,829	48.03	25,605
	8,498,390.55	3,244,436	3,863,114	6,759,874		188,964

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.8 2.22



ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

SURVIVOR CURVE. IOWA 50-80.5 NET SALVAGE PERCENT10 1922 9,268.29 10,044 10,195 1924 14,461.00 15,452 15,907 1925 17,850.00 18,936 19,635 1928 34,451.00 35,774 37,896 1932 12,352.81 12,460 13,588 1937 37.00 36 41 1939 412.00 394 453 1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,755.00 14,377 17,599 1,929 13,19 146 1960 16,219.36 12,864 15,747 2,094 13,95 150 1961 4,664.00 3,660 4,480 650 14,33 45 1962 3,004.05 2,332 2,855 449 14,72 31 1963 32,269.21 24,769 30,320 5,766 15,11 34 1965 2,436.86 1,828 2,238 43 15,90 28 1967 68,745.68 50,333 61,614 14,006 16,72 38 1968 88,808.00 64,221 78,645 1,905 791 18,82 42 1969 36,136.56 25,806 31,590 8,160 17,54 45 1969 36,136.56 25,806 31,590 8,160 17,54 45 1970 27,938.98 19,687 24,099 6,634 17,97 369 1971 48,769.94 33,916 41,517 12,130 18,39 660 1972 3,039.10 2,085 2,552 791 18,82 42 1973 108,452.09 73,344 89,782 29,515 19,26 1,532 1974 1,222.12 815 998 366 17,744 20,15 867 1977 143,946.85 91,648 112,188 46,154 21,155 19,79 19,26 15,51 343 1969 36,136.56 25,806 31,590 8,600 17,54 465 1970 27,938.98 19,687 24,099 6,634 17,97 369 1971 48,769.94 33,916 41,517 12,130 18,39 660 1972 3,039.10 2,085 2,552 791 18.82 42 1974 1,222.12 815 998 366 19,70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1977 143,946.85 91,648 112,188 46,154 21.06 2,192 1978 112,127.99 70,230 85,970 37,371 21.53 1,736 1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 41,462 22.48 1,844	YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NET SALVAGE PERCENT10 1922 9,268.29 10,044 10,195 1924 14,461.00 15,452 15,907 1925 17,850.00 18,936 19,635 1928 34,451.00 35,774 37,896 1932 12,352.81 12,460 13,588 1937 37.00 36 41 1939 412.00 394 453 1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960 16,219.36 12,864 15,747 2,094 13.95 150 1961 4,664.00 3,660 4,480 650 14.33 45 1962 3,004.05 2,332 2,855 449 14.72 31 1963 32,269.21 24,769 30,320 5,176 15.11 343 1964 12,987.29 9,857 12,066 2,220 15,50 143 1965 2,436.86 1,828 2,238 443 15.90 28 1966 9,152.42 6,784 8,304 1,764 16.31 108 1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,808.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 25,806 31,590 8,160 17.54 465 1970 27,938.98 19,687 24,099 6,634 17.97 369 1971 48,769.94 33,916 41,517 12,130 18.39 660 1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 988 346 19.70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1976 17,413.85 11,263 13,787 5,368 20.60 261 1977 143,946.85 91,688 112,188 46,154 21.06 21.92 1978 112,127.99 70,230 85,970 37,371 21.53 1,736 1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 44,462 22.48 1,844				(4)	(3)	(0)	(/)
1922 9,268.29 10,044 10,195 1924 14,461.00 15,452 15,907 1925 17,850.00 18,936 19,635 1928 34,451.00 35,774 37,896 1932 12,352.81 12,460 13,588 1937 37.00 36 41 1939 412.00 394 453 1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960 16,219.36 12,864 15,747 2,094 13.95 150 1961 4,664.00 3,660 4,480 650 14.33 45 1962 3,004.05 2,332 2,855 449 14.72 31 1963 32,269.21 24,769 30,320 5,176 15.11 343 1964 12,987.29 9,857 12,066 2,220 15.50 143 1966 8,8,08.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 2,333 61,614 14,006 16.72 838 1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,08.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 25,806 31,590 8,160 17.54 465 1970 27,938.98 19,687 24,099 6,634 17.97 369 1971 48,769.94 33,916 41,517 12,130 18.39 660 1972 3,039.10 2,085 2,552 791 18.82 42 1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 998 36,700 37,371 21.53 10,766 1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 41,462 22.48 1,844							
1924 14,461.00 15,452 15,907 1925 17,850.00 18,936 19,635 1928 34,451.00 35,774 37,896 1932 12,352.81 12,460 13,588 1937 37.00 36 41 1939 412.00 394 453 1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 <td< td=""><td>NET SALV</td><td>AGE PERCENT</td><td>-10</td><td></td><td></td><td></td><td></td></td<>	NET SALV	AGE PERCENT	-10				
1924 14,461.00 15,452 15,907 1925 17,850.00 18,936 19,635 1928 34,451.00 35,774 37,896 1932 12,352.81 12,460 13,588 1937 37.00 36 41 1939 412.00 394 453 1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 <td< td=""><td>1922</td><td>9,268,29</td><td>10.044</td><td>10.195</td><td></td><td></td><td></td></td<>	1922	9,268,29	10.044	10.195			
1925 17,850.00 18,936 19,635 1928 34,451.00 35,774 37,896 1937 37.00 36 41 1939 412.00 394 453 1940 4,530.00 4,302 4,883 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1955 50.13 42 51 4 12.07 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599							
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1937 37.00 36 41 1939 412.00 394 453 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960 16,219.36 12,864 15,747 2,094 13.95 150 1962	1928	34,451.00		37,896			
1939 412.00 394 453 1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 4 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,866.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960	1932	12,352.81	12,460	13,588			
1940 4,530.00 4,302 4,983 1941 44.00 41 48 1946 61.00 55 67 1947 11,841.00 10,623 13,004 21 9.22 2 1948 3,584.00 3,188 3,902 40 9.57 4 1953 959.00 815 998 57 11.35 5 1954 7,109.00 5,988 7,330 490 11.71 42 1955 50.13 42 51 4 12.07 1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1961 4,664.00 3,660 4,480 650 14.33 45 1962 3,004.05 2,332 2,855 449 14.72 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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1956 12,996.79 10,740 13,147 1,149 12.44 92 1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960 16,219.36 12,864 15,747 2,094 13.95 150 1961 4,664.00 3,660 4,480 650 14.33 45 1962 3,004.05 2,332 2,855 449 14.72 31 1963 32,269.21 24,769 30,320 5,176 15.11 343 1964 12,987.29 9,857 12,066 2,220 15.50 143 1965 2,436.86 1,828 2,238 443 15.90 28 1966 9,152.42 6,784 8,304 1,764 16.31 108 1967 68,745.68							42
1957 7,966.74 6,518 7,979 784 12.81 61 1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960 16,219.36 12,864 15,747 2,094 13.95 150 1961 4,664.00 3,660 4,480 650 14.33 45 1962 3,004.05 2,332 2,855 449 14.72 31 1963 32,269.21 24,769 30,320 5,176 15.11 343 1964 12,987.29 9,857 12,066 2,220 15.50 143 1965 2,436.86 1,828 2,238 443 15.90 28 1966 9,152.42 6,784 8,304 1,764 16.31 108 1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,808.00							92
1958 17,753.00 14,377 17,599 1,929 13.19 146 1959 11,778.00 9,440 11,556 1,400 13.57 103 1960 16,219.36 12,864 15,747 2,094 13.95 150 1961 4,664.00 3,660 4,480 650 14.33 45 1962 3,004.05 2,332 2,855 449 14.72 31 1963 32,269.21 24,769 30,320 5,176 15.11 343 1964 12,987.29 9,857 12,066 2,220 15.50 143 1965 2,436.86 1,828 2,238 443 15.90 28 1966 9,152.42 6,784 8,304 1,764 16.31 108 1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,808.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 25,806 31,590 8,160 17.54 465 1970 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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1965 2,436.86 1,828 2,238 443 15.90 28 1966 9,152.42 6,784 8,304 1,764 16.31 108 1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,808.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 25,806 31,590 8,160 17.54 465 1970 27,938.98 19,687 24,099 6,634 17.97 369 1971 48,769.94 33,916 41,517 12,130 18.39 660 1972 3,039.10 2,085 2,552 791 18.82 42 1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 998 346 19.70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1976 17,413.85 11,263 13,787 5,368 20.60 261 19	1963	32,269.21	24,769	30,320	5,176	15.11	343
1966 9,152.42 6,784 8,304 1,764 16.31 108 1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,808.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 25,806 31,590 8,160 17.54 465 1970 27,938.98 19,687 24,099 6,634 17.97 369 1971 48,769.94 33,916 41,517 12,130 18.39 660 1972 3,039.10 2,085 2,552 791 18.82 42 1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 998 346 19.70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1976 17,413.85 11,263 13,787 5,368 20.60 261 1977 143,946.85 91,648 112,188 46,154 21.06 2,192	1964	12,987.29	9,857	12,066	2,220	15.50	143
1967 68,745.68 50,333 61,614 14,006 16.72 838 1968 88,808.00 64,221 78,614 19,075 17.13 1,114 1969 36,136.56 25,806 31,590 8,160 17.54 465 1970 27,938.98 19,687 24,099 6,634 17.97 369 1971 48,769.94 33,916 41,517 12,130 18.39 660 1972 3,039.10 2,085 2,552 791 18.82 42 1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 998 346 19.70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1976 17,413.85 11,263 13,787 5,368 20.60 261 1977 143,946.85 91,648 112,188 46,154 21.06 2,192 1978 112,127.99 70,230 85,970 37,371 21.53 1,736							
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1971 48,769.94 33,916 41,517 12,130 18.39 660 1972 3,039.10 2,085 2,552 791 18.82 42 1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 998 346 19.70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1976 17,413.85 11,263 13,787 5,368 20.60 261 1977 143,946.85 91,648 112,188 46,154 21.06 2,192 1978 112,127.99 70,230 85,970 37,371 21.53 1,736 1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 41,462 22.48 1,844							
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1973 108,452.09 73,344 89,782 29,515 19.26 1,532 1974 1,222.12 815 998 346 19.70 18 1975 59,007.79 38,750 47,435 17,474 20.15 867 1976 17,413.85 11,263 13,787 5,368 20.60 261 1977 143,946.85 91,648 112,188 46,154 21.06 2,192 1978 112,127.99 70,230 85,970 37,371 21.53 1,736 1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 41,462 22.48 1,844							
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1978 112,127.99 70,230 85,970 37,371 21.53 1,736 1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 41,462 22.48 1,844							
1979 68,426.89 42,151 51,598 23,672 22.00 1,076 1980 115,534.87 69,949 85,626 41,462 22.48 1,844							
1980 115,534.87 69,949 85,626 41,462 22.48 1,844							



ACCOUNT 361 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	50-S0.5				
	ALVAGE PERCENT					
1000	0 470 55	1 400	1 720	000	02.05	4.1
1983	2,478.55	1,420	1,738	988	23.95	41
1984	19,457.65	10,933	13,383	8,020	24.46	328
1985	94,047.68	51,788	63,395	40,057	24.97	1,604
1986	4,882.47 54,784.33	2,633 28,902	3,223 35,380	2,148	25.49	84 956
1987				24,883	26.02	
1988	38,163.12 32,402.31	19,680	24,091	17,888	26.56	673
1989 1991	36,086.80	16,317 17,283	19,974 21,157	15,669 18,538	27.11 28.23	578 657
1991	162,896.74	75,975	93,003	86,183	28.80	2 , 992
1992	131,406.01	59 , 611	72 , 971	71,576	29.38	2,436
1993	129,757.00		69 , 959	72,774	29.30	2,436
1994	119,539.36	57,150 51,072	62,518	68,975	30.58	2,427
1995	142,700.61	59 , 052	72,287	84,684	31.19	2,236 2,715
1996	2,113.67	845	1,034	1,291	31.19	2,713
1997	102,412.95	39 , 542	48,404	64,250	32.45	1,980
2000	43,035.94	15,376	18,822	28,518	33.76	845
2000	41,593.00	14,247	17,440	28,312	34.43	822
2001	73,187.52	22,848	27,969	52,537	35.81	1,467
2003	19,708.36	5,845	7 , 155	14,524	36.52	398
2004	223,396.95	62,663	7 , 133	169,030	37.25	4,538
	89,523.54				37.23	
2006		23,654	28,955	69,521	37.99	1,830
2007	98,071.12 163,484.43	24,294	29 , 739 42 , 751	78,139		2,017 3,402
2009	704,261.48	34,924		137,082	40.29 41.08	
2010 2011	362,163.40	138,204 64,617	169 , 179 79 , 099	605,509 319,281	41.08	14,740 7,622
	1,941,157.03	310,896	380,575		42.72	41,074
2012	551,200.21			1,754,698		
2013 2014	167,408.10	77,973 20,514	95,449 25,112	510,871 159,037	43.57 44.43	11,725 3,579
2014		621	760			129
2015	6,020.27 62,392.44	5,202	6 , 368	5,862 62,264	45.31 46.21	
2016	91,613.65	5,202 5,784				1,347 1,988
			7,080	93,695	47.13	
2018	281,401.82	12,010	14,702	294,840	48.06	6,135
2019	5,781,443.57	124,648	152,584	6,207,004	49.02	126,622
2020	113,806.79	626	766	124,421	49.75	2,501
	13,041,368.08	2,275,914	2,769,464	11,576,041		266,957

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.4 2.05



ACCOUNT 362 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
			(1)	(3)	(0)	(/)
	OR CURVE IOWA LVAGE PERCENT					
1926	156,782.69	175,620	188,139			
1927	103,427.00	115,138	124,112			
1928	37,450.00	41,440	44,940			
1929	1,288.07	1,416	1,546			
1931	22,810.00	24,772	27 , 372			
1932	39,637.49	42,772	47,565			
1935	293.00	310	352			
1936	1,147.00	1,205	1,376			
1937 1938	13,059.00 43,195.36	13,625 44,737	15 , 671	200	7 10	29
1936	22,835.87	23,482	51,626 27,098	208 305	7.12 7.44	41
1940	2,845.15	2,904	3,351	63	7.77	8
1941	188,286.75	190,706	220,074	5 , 870	8.11	724
1942	26,334.00	26,466	30,542	1,059	8.45	125
1943	46,309.98	46,178	53,289	2,283	8.79	260
1944	63.76	63	73	4	9.14	
1946	5,231.00	5,088	5,872	405	9.85	41
1947	100,710.56	97,123	112,080	8,773	10.21	859
1948	6,805.37	6,505	7 , 507	659	10.58	62
1949	134,463.29	127,347	146,958	14,398	10.96	1,314
1950	35,379.92	33,206	38,320	4,136	11.33	365
1951	72,176.00	67,091	77,423	9,188	11.72	784
1952	67,792.00	62,406	72,016	9,334	12.11	771
1953 1954	225,961.41 522,335.35	205,974	237,693 543,885	33,461 82,917	12.50 12.90	2,677
1955	699,782.83	471,305 624,959	721,201	118,538	13.30	6,428 8,913
1956	392,718.48	347,014	400,453	70,809	13.71	5,165
1957	607,720.03	531,101	612,889	116,375	14.13	8,236
1958	1,126,333.91	973,409	1,123,311	228,290	14.55	15,690
1959	98,431.41	84,090	97,040	21,078	14.98	1,407
1960	556,753.79	470,112	542,508	125,597	15.41	8,150
1961	45,702.63	38,126	43,997	10,846	15.85	684
1962	96,196.05	79,251	91,455	23,980	16.30	1,471
1963	10,072.62	8,194	9,456	2,631	16.75	157
1964	482,520.08	387 , 500	447,174	131,850	17.20	7,666
1965	259,141.84	205,299	236,914	74,056	17.67	4,191
1966	789,037.00	616,538	711,483	235,361	18.14	12,975
1967	544,105.38	419,257	483,821	169,105	18.61	9,087
1968	609,802.95	462,979	534,276	197,488	19.10	10,340
1969	1,199,123.86	896,854	1,034,967	403,982	19.59	20,622
1970	973,941.74	717,425	827 , 906	340,824	20.08	16,973



ACCOUNT 362 STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
NHI DI	THAIRD LUICHAL	20				
1971	1,014,468.87	735 , 567	848,842	368,521	20.58	17,907
1972	718,754.51	512 , 690	591,643	270,862	21.09	12,843
1973	1,060,967.99	744,061	858,644	414,518	21.61	19,182
1974	1,527,739.72	1,053,077	1,215,248	618,040	22.13	27 , 928
1975	1,315,562.73	890 , 736	1,027,907	550,768	22.66	24,306
1976	1,206,371.85	801,779	925,250	522,396	23.20	22,517
1977	2,418,762.72	1,577,401	1,820,316	1,082,199	23.74	45 , 585
1978	4,326,588.11	2,766,663	3,192,721	1,999,185	24.29	82 , 305
1979	2,001,833.59	1,254,237	1,447,386	954,814	24.85	38,423
1980	42,026.45	25 , 788	29 , 759	20,673	25.41	814
1981	36,914.80	22,166	25,579	18,719	25.98	721
1982	1,877,680.91	1,102,770	1,272,593	980,624	26.55	36,935
1983	152,502.14	87,490	100,963	82,040	27.14	3,023
1984	321,032.43	179,803	207,492	177,747	27.73	6,410
1985	233,324.53	127,502	147,137	132,852	28.32	4,691
1986	819,369.73	436,413	503,619	479 , 625	28.92	16,585
1987	699,212.16	362,572	418,407	420,648	29.53 30.14	14,245
1988 1989	98,376.49 88,032.32	49,627 43,149	57,269 49,794	60,783 55,845	30.14	2,017 1,816
1990	107,324.78	51,046	58,907	69,883	31.39	2,226
1991	4,437,801.37	2,046,164	2,361,267	2,964,095	32.02	92,570
1992	4,425,080.76	1,975,993	2,280,290	3,029,807	32.65	92,797
1993	2,896,955.04	1,250,824	1,443,447	2,032,899	33.29	61,066
1994	308,861.56	128,725	148,548	222,086	33.94	6,543
1995	3,048,308.52	1,224,725	1,413,329	2,244,641	34.59	64,893
1996	2,379,282.52	920,240	1,061,954	1,793,185	35.24	50,885
1997	2,000,008.67	743,091	857,525	1,542,485	35.90	42,966
1998	435,401.73	155,036	178,911	343,571	36.57	9,395
1999	3,982,161.95	1,357,312	1,566,334	3,212,260	37.23	86,281
2001	2,695,681.26	834,842	963,405	2,271,413	38.58	58 , 875
2002	501,086.24	147,434	170,138	431,165	39.25	10,985
2003	1,793,280.26	499 , 507	576 , 430	1,575,506	39.93	39 , 457
2004	977,362.83	256 , 675	296,202	876 , 633	40.62	21,581
2005	3,375,160.39	833,408	961,750	3,088,442	41.30	74,781
2006	3,845,661.41	888,348	1,025,151	3,589,643	41.99	85,488
2007	2,045,750.34	439,992	507,749	1,947,151	42.68	45,622
2008	690,399.80	137,337	158,486	669,994	43.38	15,445
2009	6,564,322.81	1,201,271	1,386,263	6,490,924	44.07	147,287
2010	10,735,057.11	1,788,675	2,064,126	10,817,943	44.78	241,580
2011	3,816,374.19	574,196	662,621	3,917,028	45.48	86,126
2012	13,768,980.92	1,846,090	2,130,382	14,392,395	46.19	311,591



ACCOUNT 362 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2013	8,687,419.18	1,022,474	1,179,932	9,244,971	46.90	197,121
2014	6,444,531.61	651,387	751,699	6,981,739	47.62	146,614
2015	4,886,133.81	412,663	476,212	5,387,149	48.34	111,443
2016	7,475,351.11	507 , 188	585 , 293	8,385,128	49.06	170,916
2017	7,493,786.67	382,183	441,038	8,551,506	49.79	171,751
2018	6,370,257.83	217,557	251,060	7,393,249	50.52	146,343
2019	18,253,914.14	311,704	359 , 706	21,544,991	51.26	420,308
2020	8,461,144.05	37,060	42,767	10,110,606	51.81	195,148
	173,230,369.53	44,305,625	51,099,222	156,777,221		3,732,552

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 42.0 2.15



ACCOUNT 364 POLES, TOWERS AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1915	833.00	1,432	1,386	113	2.52	45
1925	1,470.52	2,404	2,326	321	5.13	63
1932	445.49	704	681	121	6.85	18
1935	2,226.68	3,459	3,347	661	7.67	86
1936	2,060.59	3,183	3,080	629	7.95	79
1937	11,877.57	18,238	17,646	3,734	8.23	454
1938	897.40	1,370	1,326	289	8.52	34
1939	17,748.72	26,922	26,049	5,899	8.81	670
1940	21,807.71	32,875	31,809	7,445	9.10	818
1941	547.46	820	793	192	9.40	20
1942	25,041.96	37,268	36,059	9,017	9.70	930
1943	8,653.55	12,792	12,377	3,199	10.01	320
1944	5,871.11	8,620	8,340	2,228	10.32	216
1945	4,491.39	6,548	6 , 336	1,749	10.64	164
1946 1947	20,535.95 4,957.96	29,730 7,125	28,766 6,894	8,199 2,030	10.96 11.29	748 180
1947	13,660.37	19,487	18,855	5,734	11.62	493
1949	5,086.76	7,201	6,967	2,189	11.96	183
1950	12,024.57	16,886	16,338	5 , 306	12.31	431
1951	36,727.91	51,165	49,505	16,605	12.66	1,312
1952	5,966.03	8,242	7,975	2,764	13.02	212
1953	6,017.56	8,242	7,975	2,857	13.39	213
1954	19,833.70	26,929	26,056	9,645	13.76	701
1955	80,739.47	108,609	105,086	40,245	14.15	2,844
1956	13,942.80	18,581	17,978	7,119	14.54	490
1957	22,416.50	29 , 585	28,625	11,725	14.94	785
1959	244,921.99	316,709	306,436	134,424	15.77	8,524
1960	521,341.39	666,941	645,308	293,107	16.20	18,093
1961	371,789.15	470,368	455,111	214,109	16.64	12,867
1962	510,644.38	638,816	618,095	301,065	17.08	17 , 627
1963	165,356.01	204,417	197 , 786	99,855	17.54	5 , 693
1964	486,709.23	594,479	575,196	300,881	18.00	16,716
1965	382,518.86	461,318	446,354	242,180	18.48	13,105
1966	382,704.96	455,639	440,860	248,009	18.96	13,081
1967	470,426.01	552,668	534,741	312,026	19.45	16,042
1968	541,191.26	626,930	606,594	367,550	19.96	18,414
1969	565,938.68	646,318	625,354	393,336	20.47	19,215
1970	595,525.18	670 , 159	648,421	423,524	20.99	20,177
1971	703,239.14	779 , 384	754,103	511 , 727	21.52 22.06	23 , 779
1972	800,394.54 893,559.22	873 , 171 959 , 012	844,848 927,905	595 , 862		27,011 30,097
1973	093,339.42	909,012	921,903	680,502	22.61	30,097

ACCOUNT 364 POLES, TOWERS AND FIXTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
NEI SE	ADVAGE IERCENI	00				
1974	1,009,103.74	1,065,184	1,030,633	785,754	23.16	33,927
1975	1,177,023.36	1,220,867	1,181,266	937,376	23.73	39,502
1976	1,402,072.74	1,428,608	1,382,269	1,141,462	24.30	46,974
1977	1,366,869.99	1,366,832	1,322,496	1,137,870	24.89	45,716
1978	1,859,445.35	1,824,116	1,764,948	1,582,054	25.48	62 , 090
1979	1,937,450.25	1,863,289	1,802,850	1,684,560	26.08	64,592
1980	2,250,811.05	2,120,494	2,051,712	1,999,748	26.69	74 , 925
1981	2,260,236.14	2,085,068	2,017,435	2,050,990	27.30	75 , 128
1982	2,309,615.00	2,083,850	2,016,257	2,141,050	27.93	76 , 658
1983	2,925,972.24	2,580,708	2,496,998	2,769,752	28.56	96 , 980
1984	2,288,429.91	1,971,313	1,907,370	2,211,804	29.20	75,747
1985	2,462,197.96	2,069,546	2,002,417	2,429,539	29.85	81,392
1986	2,719,987.03	2,229,432	2,157,117	2,738,860	30.50	89,799
1987	2,411,517.50	1,925,418	1,862,964	2,477,768	31.16	79,518
1988	2,980,425.36	2,315,487	2,240,380	3,124,386	31.83	98,159
1989	3,079,550.35	2,325,147	2,249,727	3,293,464	32.51	101,306
1990 1991	2,981,472.94 2,959,480.43	2,185,944	2,115,039 2,035,938	3,251,612 3,291,127	33.19 33.88	97 , 970
1991	2,781,287.74	2,104,191 1,915,818	1,853,675	3,152,643	34.57	97,141 91,196
1993	3,112,235.46	2,073,757	2,006,491	3,595,533	35.27	101,943
1994	3,097,035.94	1,992,943	1,928,299	3,646,366	35.98	101,344
1995	2,988,813.65	1,855,085	1,794,912	3,584,953	36.69	97,709
1996	3,100,073.40	1,852,381	1,792,296	3,787,836	37.41	101,252
1997	3,645,516.12	2,093,977	2,026,055	4,535,874	38.13	118,958
1998	2,535,127.63	1,396,668	1,351,365	3,211,865	38.86	82,652
1999	1,920,214.46	1,012,859	980,005	2,476,381	39.59	62,551
2000	1,461,535.40	736,140	712,262	1,918,502	40.33	47,570
2001	3,287,470.85	1,577,651	1,526,477	4,390,971	41.07	106,914
2002	2,297,037.70	1,046,939	1,012,980	3,121,688	41.82	74,646
2003	2,808,065.26	1,212,174	1,172,855	3,881,662	42.57	91,183
2004	1,534,359.17	624 , 868	604 , 599	2,157,248	43.33	49,786
2005	2,489,336.06	952 , 978	922 , 067	3,558,738	44.09	80 , 715
2006	1,512,875.58	542,212	524,624	2,198,552	44.85	49,020
2007	951,566.70	317,488	307,190	1,405,630	45.62	30,812
2008	5,067,847.48	1,565,448	1,514,670	7,607,455	46.39	163,989
2009	12,829,282.27	3,641,258	3,523,148	19,569,560	47.17	414,873
2010	8,145,925.52	2,107,758	2,039,389	12,623,277	47.95	263,259
2011	4,732,465.46	1,104,330	1,068,509	7,449,929	48.74	152,850
2012	11,619,033.47	2,416,434	2,338,053	18,576,207	49.53	375,050
2013	10,156,456.68	1,854,305	1,794,158	16,487,464 31,681,193	50.32	327,652
2014	19,221,274.73	3,014,895	2,917,102	31,081,193	51.12	619,742

ACCOUNT 364 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2015	19,224,396.20	2,521,241	2,439,460	32,164,453	51.92	619,500
2016	8,689,192.91	913,252	883 , 629	14,756,918	52.73	279 , 858
2017	5,226,256.83	413,261	399 , 856	9,007,406	53.54	168,237
2018	9,388,605.46	494,986	478,930	16,420,560	54.36	302,071
2019	10,968,276.22	289,036	279,661	19,463,236	55.18	352 , 723
2020	15,254,698.15	102,969	99,629	27,358,828	55.79	490,389
	228,410,066.57	85,813,351	83,029,849	328,108,271		7,428,918

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 44.2 3.25

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1925	3 , 557.30	5,849	5,201	1,024	3.14	326
1932	3,394.07	5 , 389	4,792	1,148	4.82	238
1934	5,224.72	8,215	7,304	1,839	5.28	348
1935	1,871.75	2 , 927	2,602	674	5.53	122
1936	3,215.59	5 , 003	4,448	1,179	5.77	204
1937	28,641.80	44,311	39,398	10,725	6.03	1,779
1938	3,410.48	5,246	4,664	1,304	6.29	207
1939	3,389.96	5,185	4,610	1,322	6.55	202
1940	14,810.81	22,514	20,018	5,901	6.83	864
1941	12,050.32	18,209	16,190	4,898	7.10	690
1942	71.54	107	95	30	7.38	4
1943	32,305.97	48,207	42,862	13,673	7.66	1,785
1944	11,635.07	17,249	15,337	5,024	7.95	632
1945	13,889.75	20,455	18,187	6,120	8.24	743
1946	10.06	15	13	5	8.54	1
1947	3,375.06	4,902	4,359	1,547	8.84	175
1948	974.97	1,406	1,250	456	9.14	50
1949	5 , 916.79	8,473	7,534	2,820	9.45	298
1950	417.04	593	527	203	9.77	21
1951	161.55	228	203	80	10.09	8
1952	1,603.82	2,245	1,996	811	10.41	78
1953	354.27	492	437	183	10.74	17
1954	4,076.29	5,613	4,991	2,143	11.08	193
1955	10,765.62	14,699	13,069	5,771	11.43	505
1956	3,643.70	4,932	4,385	1,991	11.78	169
1957	3,563.70	4,781	4,251	1,985	12.14	164
1958	3,105.78	4,128	3,670	1,765	12.51	141
1959	118,687.73	156,218	138,898	68,806	12.89	5,338
1960	141,417.37	184,279	163,848	83,632	13.28	6,298
1961	161,948.36	208,907	185,746	97,664	13.67	7,144
1962	137,507.40	175,480	156,025	84,613	14.08	6,009
1963	139.26	176	156	88	14.49	6
1964	5,934.16	7,405	6,584	3,801	14.92	255
1965	341.58	421	374	224	15.35	15
1966	34,453.67	41,974	37,320	22,974	15.80	1,454
1967	942,891.28	1,134,416	1,008,646	641,414	16.25	39,472
1968	903,291.66	1,072,483	953,579	627,181	16.72	37,511
1969	1,305,444.25	1,529,308	1,359,757 988,005	924,770	17.19	53 , 797
1970	962,079.76 1,258,903.35	1,111,202		695,635	17.68	39,346
1971		1,433,280	1,274,375	928,706	18.17	51,112
1972	1,184,286.73	1,327,997	1,180,765	891 , 737	18.68	47,738

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	VOR CURVE IOWA	52-R1.5				
	ALVAGE PERCENT					
1973	1,372,377.89	1,515,352	1,347,348	1,054,313	19.19	54,941
1974	1,229,997.22	1,336,204	1,188,062	964,433	19.72	48,906
1975	1,908,272.30	2,039,018	1,812,956	1,526,521	20.25	75 , 384
1976	2,089,317.44	2,194,478	1,951,181	1,705,125	20.79	82 , 017
1977	2,326,470.67	2,399,720	2,133,668	1,937,656	21.35	90 , 757
1978	3,127,761.67	3,167,289	2,816,138	2,657,445	21.91	121,289
1979	3,261,554.96	3,239,132	2,880,016	2,827,705	22.49	125,732
1980	3,100,722.74	3,018,902	2,684,202	2,742,063	23.07	118,858
1981	2,919,417.54	2,784,394	2,475,694	2,633,287	23.66	111,297
1982	3,143,190.02	2,934,341	2,609,016	2,891,567	24.26	119,191
1983	2,975,856.17	2,717,039	2,415,806	2,791,942	24.87	112,261
1984	2,631,365.19	2,347,619	2,087,343	2,517,546	25.49	98,766
1985	2,411,882.69	2,101,449	1,868,465	2,352,330	26.11	90,093
1986	3,337,134.81	2,835,780	2,521,383	3,318,603	26.75	124,060
1987	2,775,302.71	2,298,568	2,043,730	2,813,050	27.39	102,704
1988	3,682,726.37	2,969,557	2,640,328	3,804,443	28.04	135,679
1989	3,917,268.21	3,071,687	2,731,135	4,124,084	28.70	143,696
1990 1991	4,649,657.99 4,290,851.34	3,541,098 3,171,122	3,148,503	4,988,398 4,689,444	29.37 30.04	169,847 156,107
1991	3,923,277.08	2,809,665	2,819,546 2,498,163	4,869,444	30.04	142,174
1993	3,341,262.11	2,315,261	2,498,103	3,788,636	31.41	120,619
1994	3,043,039.06	2,037,946	1,812,003	3,788,838	32.10	109,449
1995	7,250,860.52	4,685,162	4,165,727	8,523,279	32.80	259,856
1996	3,619,516.76	2,252,299	2,002,591	4,331,563	33.51	129,262
1997	5,045,975.86	3,019,310	2,684,565	6,145,893	34.22	179,599
1998	2,995,559.68	1,719,871	1,529,192	3,713,037	34.94	106,269
1999	6,180,098.22	3,396,397	3,019,845	7,795,327	35.67	218,540
2000	10,957,590.13	5,752,735	5,114,941	14,060,842	36.40	386,287
2001	6,833,855.61	3,419,866	3,040,712	8,918,535	37.13	240,198
2002	11,083,107.40	5,270,322	4,686,012	14,709,426	37.87	388,419
2003	13,144,303.20	5,918,781	5,262,578	17,739,953	38.62	459,346
2004	5,370,893.20	2,282,844	2,029,750	7,369,313	39.37	187,181
2005	4,223,608.00	1,688,620	1,501,406	5,889,908	40.12	146,807
2006	6,768,006.10	2,532,842	2,252,031	9,591,980	40.88	234,637
2007	4,999,749.38	1,741,513	1,548,435	7,201,126	41.65	172,896
2008	5,806,736.96	1,872,107	1,664,550	8,497,240	42.42	200,312
2009	24,547,838.80	7,278,066	6,471,161	36,487,557	43.19	844,815
2010	11,928,169.65	3,223,409	2,866,036	18,008,261	43.97	409,558
2011	7,046,720.80	1,719,294	1,528,679	10,803,082	44.75	241,410
2012	17,359,214.32	3,773,937	3,355,528	27,023,097	45.54	593 , 393
2013	11,519,052.26	2,198,066	1,954,371	18,203,970	46.33	392,920

ACCOUNT 365 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2014 2015 2016 2017	44,343,297.71 22,789,818.02 5,179,567.68 36,335,456.95	7,267,312 3,121,578 569,960 3,008,303	6,461,600 2,775,495 506,770 2,674,778	71,139,171 37,106,687 8,557,473 60,912,272	47.13 47.93 48.73 49.54	1,509,424 774,185 175,610 1,229,557
2018 2019 2020	11,565,560.74 12,419,343.44 14,224,343.65	638,361 342,743 100,566	567,587 304,744 89,416	19,672,144 21,429,107 24,803,185	50.36 51.18 51.79	390,630 418,701 478,918
	386,329,715.56	144,284,804	128,288,230	547,788,772		13,528,016

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 40.5 3.50

ACCOUNT 366 UNDERGROUND CONDUIT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1915	585.07	779	809	10	3.63	3
1925	10,642.05	13,864	14,406	493	5.21	95
1936	1,618.91	2,036	2,116	150	7.64	20
1937	20.00	25	26	2	7.91	
1938	52,646.38	65 , 656	68,224	5,481	8.19	669
1939	5,699.16	7,077	7,354	625	8.48	74
1940	27,563.07	34,071	35,404	3,184	8.78	363
1941	8,372.61	10,299	10,702	1,020	9.10	112
1942	1,142.00	1,398	1,453	146	9.43	15
1943	5,837.00	7,107	7,385	787	9.77	81
1944	2,111.00	2,557	2,657	298	10.12	29
1945	1,090.00 300.00	1,313	1,364	162	10.49	15
1946		359 2,425	373 2 , 520	47 334	10.87	4 30
1947 1948	2,038.22 7,007.00	8,282	8,606	1,204	11.27 11.68	103
1949	112,538.04	132,093	137,259	20,294	12.12	1,674
1950	32,364.28	37,722	39,197	6,113	12.56	487
1951	28,438.41	32,897	34,184	5,630	13.03	432
1952	26,660.43	30,596	31,793	5 , 532	13.52	409
1953	24,128.80	27,466	28,540	5,240	14.02	374
1954	15,762.00	17,789	18,485	3,582	14.54	246
1955	36,708.00	41,051	42,657	8,734	15.09	579
1956	58,302.00	64,591	67 , 117	14,506	15.65	927
1957	20,815.63	22,832	23,725	5,417	16.24	334
1958	80,559.00	87,444	90,864	21,919	16.85	1,301
1959	37,101.00	39 , 835	41,393	10,548	17.48	603
1960	72,450.00	76 , 925	79,934	21,496	18.12	1,186
1961	28,793.00	30,206	31,387	8,923	18.80	475
1962	59,469.51	61,621	64,031	19,226	19.49	986
1963	83,023.24	84,911	88,232	28,001	20.21	1,386
1964	58,966.56	59 , 494	61,821	20,732	20.95	990
1965	52 , 263.67	51,989	54 , 022	19,147	21.71	882
1966	81,753.09	80,149	83,284	31,170	22.48	1,387
1967	160,364.72	154,793	160,847	63,664	23.29	2,734
1968	191,643.69	182,050	189,170	79,131	24.11	3,282
1969	232,574.87	217,331	225,831	99,774	24.94	4,001
1970	336,901.99	309,411	321,512	150,151	25.80	5,820
1971	122,431.12	110,452	114,772	56 , 632	26.67	2,123
1972	443,013.36	392,307	407,650	212,569	27.56	7,713
1973	618,176.30	537,036	558,039	307,408	28.46	10,801
1974	405,247.00	345,099	358 , 596	208,750	29.38	7,105

ACCOUNT 366 UNDERGROUND CONDUIT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1975	401,655.50	335,068	348,173	214,145	30.31	7,065
1976	531,590.67	434,130	451,109	293,118	31.25	9,380
1977	470,828.51	376 , 163	390 , 875	268,285	32.20	8,332
1978	520,453.34	406,578	422,479	306,156	33.15	9,235
1979	382,173.33	291,636	303,042	232,001	34.12	6,800
1980	636,952.78	474,518	493,076	398 , 658	35.09	11,361
1981	425,959.13	309 , 544	321,650	274,693	36.07	7,616
1982	644,208.57	456 , 357	474,205	427,687	37.05	11,544
1983	477,415.21	329,378	342,260	326,121	38.04	8,573
1984	340,692.66	228,755	237,702	239,268	39.03	6,130
1985	745,552.19	486,816	505,855	537,918	40.02	13,441
1986	1,294,156.82	821,117	853 , 231	958,589	41.01	23,375
1987	580,119.69	357,248	371,220	440,948	42.01	10,496
1988	1,370,702.51	818,504	850,516	1,068,468	43.01	24,842
1989 1990	1,856,632.22 1,780,761.52	1,074,363 997,226	1,116,381 1,036,228	1,482,904 1,456,838	44.00 45.00	33,702 32,374
1991	2,483,278.56	1,344,293	1,396,868	2,079,722	46.00	45,211
1992	1,952,825.70	1,020,668	1,060,586	1,673,370	47.00	35,604
1993	4,150,556.20	2,091,880	2,173,693	3,637,086	48.00	75,773
1994	3,787,745.58	1,838,337	1,910,234	3,392,610	49.00	69,237
1995	4,704,319.68	2,195,327	2,281,186	4,304,862	50.00	86,097
1996	4,351,443.89	1,949,447	2,025,690	4,066,331	51.00	79,732
1997	3,733,006.68	1,602,722	1,665,405	3,560,804	52.00	68,477
1998	1,552,535.00	637,567	662,502	1,511,047	53.00	28,510
1999	999,659.99	391 , 867	407,193	992,331	54.00	18,376
2000	1,768,583.19	660,279	686,103	1,789,913	55.00	32,544
2001	2,229,775.47	790,817	821,746	2,299,940	56.00	41,070
2002	3,263,931.27	1,096,681	1,139,572	3,429,932	57.00	60,174
2003	3,837,677.73	1,217,841	1,265,471	4,107,278	58.00	70,815
2004	4,084,342.35	1,219,838	1,267,546	4,450,533	59.00	75,433
2005	1,132,984.54	317,236	329,643	1,256,535	60.00	20,942
2007	757 , 009.28	183 , 697	190,881	868,932	62.00	14,015
2008	687 , 373.89	153 , 972	159,994	802,329	63.00	12,735
2009	3,993,321.61	819,981	852 , 051	4,738,599	64.00	74,041
2010	1,830,459.50	341,677	355,040	2,207,603	65.00	33,963
2011	39,759.23	6,680	6,941	48,722	66.00	738
2012	4,353,177.59	650,095	675,520	5,418,929	67.00	80,880
2013	2,218,237.92	289,839	301,175	2,804,358	68.00	41,241
2014	1,987,956.93	222,651	231,359	2,551,781	69.00	36,982
2015	2,955,510.48	275,861	286,650	3,851,065	70.00	55,015
2016	1,369,648.82	102,261	106,260	1,811,248	71.00	25,511

ACCOUNT 366 UNDERGROUND CONDUIT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	VOR CURVE IOWA	75-S4				
NET S	ALVAGE PERCENT	-40				
2017 2018 2019 2020	4,997,465.02 1,134,763.76 819,182.61 321,418.48	279,858 42,370 15,288 1,498	290,803 44,027 15,886 1,557	6,705,648 1,544,642 1,130,970 448,429	72.00 73.00 74.00 74.75	93,134 21,159 15,283 5,999
	87,504,927.78	33,343,267	34,647,325	87,859,574		1,602,807
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	54.8	1.83

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	OR CURVE IOWA					
NET SAI	LVAGE PERCENT	-50				
1947	4,611.73	6,166	4,981	1,937	6.30	307
1953	6,790.68	8,762	7,078	3,108	8.11	383
1957	47,519.91	59,531	48,091	23,189	9.56	2,426
1963	69,667.35	82,556	66,692	37,809	12.18	3,104
1964	55,893.78	65,526	52,934	30,907	12.67	2,439
1965	97,599.23	113,106	91,371	55,028	13.19	4,172
1966	102,650.43	117,579	94,984	58 , 992	13.71	4,303
1967	224,014.95	253,408	204,712	131,310	14.26	9,208
1968	247,602.20	276,569	223,422	147,981	14.81	9,992
1969	223,822.55	246,650	199,252	136,482	15.39	8,868
1970	508,119.70	552,184	446,073	316,107	15.98	19,781
1971	958,007.43	1,026,227	829,021	607,990	16.58	36,670
1972	1,190,696.36	1,256,393	1,014,957	771,088	17.20	44,831
1973	426,447.09 1,024,879.41	442,914	357,801	281 , 870	17.84	15,800
1974 1975	1,174,309.81	1,047,498 1,180,181	846,204 953,390	691,115 808,075	18.48 19.14	37,398 42,219
1976	932,511.54	921,018	744,029	654,738	19.81	33,051
1977	969,426.39	940,174	759,504	694,636	20.50	33,885
1978	989,784.08	941,997	760,977	723,699	21.20	34,137
1979	1,343,431.14	1,253,905	1,012,947	1,002,200	21.91	45,742
1980	914,131.35	836,430	675 , 696	695,501	22.62	30,747
1981	1,315,114.56	1,178,159	951,757	1,020,915	23.36	43,704
1982	1,599,209.72	1,402,059	1,132,631	1,266,184	24.10	52 , 539
1983	1,618,903.26	1,387,926	1,121,213	1,307,142	24.85	52,601
1984	1,033,233.55	865,514	699,191	850 , 659	25.61	33,216
1985	942,753.69	770,942	622 , 793	791 , 338	26.38	29 , 998
1986	1,396,168.39	1,113,556	899,568	1,194,685	27.16	43,987
1987	1,763,184.64	1,370,259	1,106,941	1,537,836	27.95	55,021
1988	1,643,245.51	1,243,058	1,004,184	1,460,684	28.75	50,806
1989	2,256,550.33	1,659,715	1,340,774	2,044,051	29.56	69,149
1990 1991	2,224,797.61	1,589,774	1,284,273	2,052,923	30.37 31.20	67 , 597
1991	3,331,149.30 2,247,183.01	2,308,836 1,509,298	1,865,156 1,219,262	3,131,568 2,151,513	32.03	100,371 67,172
1993	3,397,445.13	2,207,150	1,783,010	3,313,158	32.88	100,765
1994	2,099,752.10	1,317,962	1,064,694	2,084,934	33.73	61,812
1995	3,077,832.51	1,864,197	1,505,961	3,110,788	34.58	89,959
1996	1,981,038.87	1,155,312	933,300	2,038,258	35.45	57,497
1997	3,645,220.45	2,042,891	1,650,316	3,817,515	36.33	105,079
1998	3,654,271.77	1,964,811	1,587,241	3,894,167	37.21	104,654
1999	3,809,796.88	1,960,712	1,583,929	4,130,766	38.10	108,419
2000	7,752,845.50	3,811,609	3,079,146	8,550,122	38.99	219,290

ACCOUNT 367 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	VOR CURVE IOWA	58-R3				
	ALVAGE PERCENT					
2001	4,718,272.03	2,209,850	1,785,191	5,292,217	39.89	132,670
2002	3,251,968.17	1,446,557	1,168,578	3,709,374	40.80	90,916
2003	5,944,482.44	2,502,835	2,021,874	6,894,850	41.72	165,265
2004	3,252,748.88	1,292,138	1,043,833	3,835,290	42.64	89,946
2005	2,408,536.22	898,830	726,105	2,886,699	43.57	66,254
2006	1,277,255.72	445,941	360,246	1,555,638	44.50	34,958
2007	2,128,422.48	691,365	558 , 508	2,634,126	45.44	57 , 969
2008	5,650,595.44	1,698,060	1,371,750	7,104,143	46.38	153,173
2009	18,670,525.71	5,152,225	4,162,141	23,843,648	47.33	503 , 775
2010	17,720,456.17	4,454,657	3,598,622	22,982,062	48.28	476,016
2011	7,676,786.28	1,739,138	1,404,934	10,110,245	49.24	205,326
2012	14,665,977.80	2,958,421	2,389,912	19,609,055	50.20	390,619
2013	5,621,031.42	994,332	803,255	7,628,292	51.16	149,107
2014	55,142,111.84	8,371,400	6,762,700	75,950,468	52.13	1,456,944
2015	27,444,109.63	3,477,718	2,809,418	38,356,746	53.10	722,349
2016	12,135,080.76	1,230,315	993,890	17,208,731	54.08	318,209
2017	20,318,724.53	1,550,115	1,252,235	29,225,852	55.05	530,896
2018	21,885,293.20	1,115,165	900,868	31,927,072	56.03	569,821
2019	28,356,800.10	718,845	580 , 707	41,954,493	57.02	735 , 786
2020	13,018,912.84	84,167	67 , 993	19,460,376	57.75	336 , 976
	333,589,705.55	87,384,588	70,592,216	429,792,342		9,120,074

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 47.1 2.73

ACCOUNT 368 LINE TRANSFORMERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIIRVIV	OR CURVE IOWA	47-R3				
	LVAGE PERCENT					
1967	15,410.84	14,420	16,952			
1968	24,919.27	23,107	27,411			
1969	1,040,254.34	955 , 348	1,144,280			
1970	1,133,838.33	1,030,679	1,236,732	10,490	8.16	1,286
1971	1,032,876.97	928 , 758	1,114,435	21,730	8.58	2,533
1972	1,392,911.12	1,238,157	1,485,689	46,513	9.02	5 , 157
1973	1,471,837.83	1,292,465	1,550,854	68,168	9.48	7,191
1974	2,273,456.24	1,970,857	2,364,870	135,932	9.96	13,648
1975	979 , 577.00	837 , 729	1,005,207	72,328	10.46	6,915
1976	1,081,008.18	911,309	1,093,497	95 , 612	10.98	8,708
1977	1,399,670.65	1,162,257	1,394,615	145,023	11.52	12,589
1978	1,823,622.59	1,490,407	1,788,368	217,617	12.08	18,015
1979	1,378,618.93	1,108,002	1,329,513	186,968	12.66	14,768
1980	1,008,387.53	796,280	955,472	153,754	13.26	11,595
1981	1,881,302.00	1,458,287	1,749,827	319,605	13.88	23,026
1982	1,411,541.01	1,073,347	1,287,930	264,765	14.51	18,247
1983	1,251,017.51	932,252	1,118,627	257,492	15.16	16,985
1984	2,517,051.50	1,836,793	2,204,004	564,753	15.82	35,699
1985	2,358,243.43	1,682,824	2,019,253	574,815	16.51	34,816
1986	6,536,378.17	4,558,758	5,470,142	1,719,874	17.20	99,993
1987	3,772,934.51	2,568,742	3,082,283	1,067,945	17.91	59,628
1988	4,692,254.68	3,115,573	3,738,437	1,423,043	18.63	76 , 384
1989	4,049,688.16	2,618,759	3,142,300	1,312,357	19.37	67 , 752
1990 1991	3,537,198.12 4,188,884.24	2,225,255	2,670,127	1,220,791	20.12	60,675
1991	3,490,332.66	2,560,724	3,072,662	1,535,111 1,355,540	20.00	73,521
1992	2,505,551.39	2,069,994 1,440,203	2,483,826 1,728,128	1,027,979	22.44	62,583 45,810
1993	2,503,331.39	1,444,403	1,733,167	1,124,039	23.24	48,367
1995	2,515,962.11	1,351,399	1,621,570	1,145,988	24.05	47,650
1996	2,319,784.89	1,201,498	1,441,701	1,110,062	24.87	44,635
1997	3,739,979.01	1,864,413	2,237,145	1,876,832	25.70	73,028
1998	1,918,408.61	918,634	1,102,287	1,007,962	26.54	37 , 979
1999	4,005,544.73	1,838,357	2,205,880	2,200,219	27.39	80,329
2000	3,439,772.16	1,509,489	1,811,265	1,972,484	28.25	69,822
2001	2,268,119.44	949,147	1,138,900	1,356,031	29.12	46,567
2002	2,955,211.76	1,175,790	1,410,853	1,839,880	30.00	61,329
2003	1,730,781.73	652,586	783,051	1,120,809	30.89	36,284
2004	3,517,689.71	1,253,047	1,503,555	2,365,904	31.78	74,446
2005	3,514,002.46	1,176,899	1,412,184	2,453,219	32.69	75,045
2006	4,507,057.10	1,413,508	1,696,096	3,261,667	33.60	97,073
2007	465,302.76	135,907	163,077	348,756	34.52	10,103
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ACCOUNT 368 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT	-				
2008	11,051,581.84	2,987,397	3,584,636	8,572,104	35.45	241,808
2009	9,733,629.63	2,419,352	2,903,028	7,803,965	36.38	214,513
2010	6,508,596.26	1,474,562	1,769,356	5,390,100	37.32	144,429
2011	4,593,756.49	938 , 569	1,126,207	3,926,925	38.27	102,611
2012	4,505,169.51	820 , 315	984,312	3,971,374	39.22	101,259
2013	3,580,931.32	571 , 592	685,864	3,253,160	40.18	80 , 965
2014	5,701,092.42	781 , 893	938,209	5,332,993	41.14	129,630
2015	7,948,027.41	909,604	1,091,452	7,651,378	42.11	181,700
2016	3,791,078.78	347 , 794	417,325	3,752,862	43.08	87 , 114
2017	3,861,519.31	265 , 692	318,809	3,928,862	44.06	89 , 171
2018	6,429,578.45	296,410	355 , 668	6,716,868	45.03	149,164
2019	7,744,046.06	177,610	213,117	8,305,334	46.02	180,472
2020	3,312,875.32	19,387	23,263	3,620,900	46.75	77,452
	176,505,726.13	70,796,540	84,947,418	109,208,881		3,360,469

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.5 1.90

ACCOUNT 369.1 SERVICES - UNDERGROUND

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1050	115.05	1 5 2	74	99	5.36	1.0
1952 1953	128.25	153 169	82	110	5.61	18 20
1954	1,448.58	1,902	921	1,252	5.87	213
1955	131.44	171	83	114	6.13	19
1956	1,184.62	1,535	743	1,034	6.39	162
1957	1,568.36	2,019	977	1,376	6.67	206
1958	1,882.75	2,407	1,165	1,659	6.94	239
1959	287.43	365	177	254	7.22	35
1960	298.10	376	182	265	7.51	35
1961	6,113.49	7,648	3,703	5,467	7.80	701
1962	1,834.44	2,277	1,102	1,650	8.10	204
1963	1,250.37	1,540	746	1,130	8.41	134
1964	6,625.30	8,094	3,918	6,020	8.72	690
1965	6,682.00	8,095	3,919	6,104	9.04	675
1966	1,296.16	1,557	754	1,190	9.37	127
1967	1,937.82	2,306	1,116	1,791	9.71	184
1968	3,080.74	3,633	1,759	2,862	10.05	285
1969 1970	4,882.85	5 , 702	2,760	4,564	10.41	438 504
1970	5,774.04 15,164.16	6,676	3,232 8,402	5 , 429	10.77 11.14	
1971	11,502.49	17,355 13,025	6,306	14,344 10,948	11.14	1,288 950
1973	22,196.63	24,858	12,034	21,261	11.91	1 , 785
1974	16,677.20	18,464	8,939	16,077	12.31	1,306
1975	28,542.82	31,218	15,113	27,701	12.73	2,176
1976	49,892.72	53,900	26,094	48,745	13.15	3,707
1977	21,305.40	22,717	10,998	20,960	13.59	1,542
1978	30,177.15	31,753	15,372	29,894	14.03	2,131
1979	54,517.01	56,564	27,384	54,392	14.49	3,754
1980	28,681.99	29,320	14,194	28,829	14.97	1,926
1981	41,512.73	41,786	20,229	42,040	15.46	2,719
1982	56,600.74	56,071	27,145	57 , 756	15.96	3,619
1983	62,495.62	60 , 873	29,470	64,273	16.48	3,900
1984	68,010.72	65 , 095	31,514	70,502	17.01	4,145
1985	84,378.91	79,280	38,381	88,187	17.56	5,022
1986	70,861.81	65,314	31,620	74,673	18.12	4,121
1987	33,294.61	30,072	14,558	35,384	18.70	1,892
1988	50,517.79	44,660	21,621	54,156	19.30	2,806
1989	41,457.44	35 , 830	17,346	44,840	19.92	2,251
1990	192,484.75	162,487	78 , 663	210,064	20.55	10,222
1991 1992	98,282.24 37,528.77	80,927 30,099	39,178 14,572	108,245 41,721	21.20 21.87	5,106
エンンム	31,340.11	30,099	14,012	41, /21	∠⊥.0/	1,908

ACCOUNT 369.1 SERVICES - UNDERGROUND

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1993	183,481.40	143,115	69,285	205,937	22.56	9,128
1994	150,430.45	113,926	55,154	170,492	23.27	7,327
1995	13,452.00	9,874	4,780	15,398	24.00	642
1996	179,450.00	127,427	61,690	207,485	24.75	8,383
1997	317,669.27	217,772	105,428	371 , 076	25.52	14,541
1998	29,361.00	19,397	9,390	34,652	26.30	1,318
2000	1,344.00	818	396	1,620	27.93	58
2003	1,153,459.93	606 , 674	293,703	1,436,487	30.52	47,067
2004	29,090.43	14,474	7,007	36,629	31.41	1,166
2008	178,329.17	67 , 556	32,705	234,789	35.13	6,683
2009	928,978.25	323,466	156,596	1,236,871	36.09	34,272
2010	706,771.14	224,213	108,546	951,611	37.06	25 , 678
2011	664,033.62	189 , 887	91,928	904,122	38.04	23,768
2012	1,191,836.11	303,543	146,951	1,640,803	39.02	42,050
2013	104,280.93	23,263	11,262	145,159	40.01	3,628
2014	7,045,273.21	1,346,880	652 , 052	9,915,858	41.01	241,791
2016	1,421.52	181	88	2,044	43.00	48
2020	143,928.85	1,149	556	215,337	46.75	4,606
	14,185,196.77	4,841,908	2,344,063	18,933,732		545,319

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.7 3.84

ACCOUNT 369.2 SERVICES - OVERHEAD

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
1900	32.41	65	65			
1905	169.68	332	339			
1915	3,412.47	6,390	6 , 825			
1925	7,315.88	13,196	14,632			
1934 1935	4,513.48 18,523.14	7,849 32,071	9,027 37,046			
1935	1,056.93	1,822	2,114			
1937	19,329.54	33,164	38,659			
1938	323.36	552	647			
1939	25,675.38	43,625	51,351			
1940	22,921.81	38,748	45,844			
1941	13,965.49	23,484	27 , 931			
1942	28,803.25	48,168	57 , 606			
1943	13,309.04	22,134	26,618			
1944	15,233.00	25,184	30,466			
1945	18,376.41	30,194	36 , 753			
1946	5,674.20	9,266	11,348			
1947	26,368.00	42,773	52,736			
1948	1,249.16	2,012	2,498			
1949	28,452.24	45,506	56 , 904			
1950 1951	16,567.57 29,232.09	26,304 46,052	33,135 58,464			
1951	3,962.80	6,192	7,897	29	14.22	2
1953	15,185.03	23,530	30,008	362	14.64	25
1954	8,184.38	12,571	16,032	337	15.08	22
1955	1,224.27	1,864	2,377	72	15.53	5
1956	3,476.17	5,241	6,684	268	16.00	17
1957	13,734.61	20,505	26,151	1,318	16.48	80
1958	21,347.49	31,548	40,234	2,461	16.97	145
1959	42,400.66	62,009	79,082	5,719	17.47	327
1960	14,364.03	20 , 777	26,497	2,231	17.99	124
1961	22,908.42	32 , 755	41,773	4,044	18.53	218
1962	44,389.47	62,733	80,005	8,774	19.07	460
1963	139,138.46	194,237	247,716	30,561	19.63	1,557
1964	174,116.16	240,012	306,094	42,138	20.20	2,086
1965	194,779.22	265,021	337,989	51,569	20.78	2,482
1966 1967	193,712.00 188,686.14	260,051 249,820	331,650 318,602	55,774 58,770	21.37 21.97	2,610
1967	197,370.69	257 , 553	328,465	58,770 66,276	22.59	2,675 2,934
1969	215,516.76	277,120	353,419	77,615	23.21	3,344
1970	199,764.88	252,934	322,574	76 , 956	23.85	3,227
	,	,	,	,		~, ·

ACCOUNT 369.2 SERVICES - OVERHEAD

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1971	245,251.80	305,623	389 , 770	100,734	24.50	4,112
1972	283,014.25	347,021	442,566	123,462	25.15	4,909
1973	310,325.01	374,109	477,112	143,538	25.82	5 , 559
1974	298,766.34	354,014	451,484	146,049	26.49	5,513
1975	359,901.10	418,817	534,129	185,673	27.18	6,831
1976	406,623.83	464,551	592 , 455	220,793	27.87	7,922
1977	435,408.40	487,927	622,267	248,550	28.58	8,697
1978	485,985.38	533,981	681,001	290,970	29.29	9,934
1979	525,242.78	565,487	721,181	329,305	30.01	10,973
1980	583,693.50	615,481	784,940	382,447	30.73	12,445
1981	604,983.74	624,162	796,011	413,956	31.47	13,154
1982	680,268.19	686,336	875 , 303	485,233	32.21	15,065
1983	775,824.77	764,839	975,421	576,229	32.96	17,483
1984	866,373.59	833 , 850	1,063,432	669,315	33.72	19,849
1985	737,235.20	692,087	882,638	591,832	34.49	17,160
1986	804,156.65	735,868	938,473	669,840	35.26	18,997
1987	703,172.56	626,583	799,099	607,246	36.04	16,849
1988	596,282.35	516,834	659,133	533,432	36.83	14,484
1989	577,143.94	486,048	619,871	534,417	37.63	14,202
1990	658,555.93	538,396	686,631	630,481	38.43	16,406
1991	750,188.89	594,840	758,616	741,762	39.23	18,908
1992	794,278.42	609,768	777,654	810,903	40.05	20,247
1993	688,747.00	511,367	652 , 161	725 , 333	40.87	17,747
1994	731,710.00	524,578	669,009	794,411	41.70	19,051
1995	945,204.00	653 , 495	833,420	1,056,988	42.53	24,853
1996	803,048.00	534,461	681,613	924,483	43.37	21,316
1997	864,836.00	552 , 959	705,204	1,024,468	44.22	23,168
1998	618,609.00	379 , 356	483,803	753 , 415	45.07	16,717
1999	525,880.00	308,565	393 , 522	658 , 238	45.93	14,331
2000	140,364.00	78 , 646	100,299	180,429	46.79	3 , 856
2001	260,024.00	138,733	176,930	343,118	47.66	7,199
2002	246.00	125	159	333	48.53	7
2003	611,358.99	293,269	374,014	848,704	49.41	17,177
2010	186,624.34	53,404	68,108	305,141	55.70	5 , 478
2012	1,497,342.92	344,149	438,903	2,555,783	57.53	44,425
2014	3,120,567.30	539,608	688,177	5,552,958	59.38	93,516
	25,472,004.34	19,864,701	25,298,766	25,645,243		610,880

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 42.0 2.40



ACCOUNT 370 METERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBABLE	SURVIVOR CURVE E RETIREMENT YE /AGE PERCENT	AR 12-202				
1905 1915 1925 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944	246.00 7,512.00 3,104.00 8,631.00 20,738.00 1,068.00 24,621.00 23,539.00 38,657.00 50,782.00 1,531.00 52,252.00 18,299.00 19,077.00	246 7,512 3,104 8,631 20,738 1,068 24,621 23,539 38,657 50,782 1,531 52,252 18,299 19,077	246 7,512 3,104 8,631 20,738 1,068 24,621 23,539 38,657 50,782 1,531 52,252 18,299 19,077			
1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958	51,756.00 55,880.00 25,293.17 43,978.00 46,757.00 75,308.00 83,622.00 91,921.00 63,097.00 47,246.19 84,311.74 6,133.47 162,087.00 137,359.00 10,805.00	51,756 55,608 24,979 43,051 45,342 72,357 79,576 86,679 59,005 43,862 77,726 5,618 147,499 124,254 9,716	51,756 53,335 23,958 41,291 43,489 69,399 76,323 83,136 56,593 42,069 74,549 5,388 141,470 119,175 9,319	2,545 1,335 2,687 3,268 5,909 7,299 8,785 6,504 5,177 9,763 745 20,617 18,184 1,486	0.18 0.46 0.78 1.12 1.45 1.79 2.11 2.40 2.65 2.89 3.11 3.33 3.53 3.73	2,545 1,335 2,687 2,918 4,075 4,078 4,164 2,710 1,954 3,378 240 6,191 5,151 398
1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970	70,479.38 14,386.28 96,862.00 37,512.00 70,280.81 134,776.02 271,558.00 5,703.00 102,297.00 210,863.00 80,843.58	63,011 12,784 85,573 32,936 61,344 116,971 234,330 4,894 87,306 179,004 68,279	60,435 12,261 82,075 31,590 58,837 112,190 224,752 4,694 83,737 171,687 65,488	10,044 2,125 14,787 5,922 11,444 22,586 46,806 1,009 18,560 39,176 15,356	3.92 4.12 4.31 4.51 4.70 4.88 5.06 5.23 5.40 5.56 5.71	2,562 516 3,431 1,313 2,435 4,628 9,250 193 3,437 7,046 2,689

ACCOUNT 370 METERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
				(0)	(0)	(' /
	M SURVIVOR CURVE LE RETIREMENT YE					
	LVAGE PERCENT					
1971	25,956.79	21,810	20,918	5 , 039	5.86	860
1972	51.31	43	41	10	6.00	2
1973	2,501.96	2,081	1,996	506	6.15	82
1974	52,990.82	43,848	42,056	10,935	6.28	1,741
1975	90,199.40	74,238	71,203	18,996	6.42	2,959
1976	129,197.42	105,782	101,458	27,739	6.55	4,235
1977	142,459.95	116,011	111,269	31,191	6.68	4,669
1978	38,113.01	30,863	29,601	8,512	6.81	1,250
1979	68,321.60 66,446.26	55 , 026	52 , 777	15,545	6.93 7.06	2,243
1980 1981	209,200.36	53,191 166,467	51,017 159,663	15,429 49,537	7.08	2,185 6,899
1982	363,039.33	287,186	275,447	87 , 592	7.10	12,015
1983	426,513.46	335,171	321,471	105,042	7.23	14,176
1984	570,494.21	445,379	427,174	143,320	7.52	19,059
1985	293,036.63	227,285	217,995	75,042	7.62	9,848
1986	1,344,600.76	1,035,262	992,945	351,656	7.73	45,492
1987	1,541,341.59	1,178,402	1,130,234	411,108	7.82	52,571
1988	949,915.72	720,549	691,096	258 , 820	7.92	32,679
1989	1,630,378.13	1,226,811	1,176,664	453,714	8.01	56,643
1990	818,362.34	610,817	585 , 849	232,513	8.09	28,741
1991	655,756.20	485,037	465,211	190,545	8.18	23,294
1992	1,245,757.01	913,264	875 , 934	369,823	8.25	44,827
1993	1,002,280.37	727 , 375	697 , 643	304 , 637	8.33	36 , 571
1994	442,996.01	318,169	305,164	137,832	8.40	16,409
1995	2,243,105.83	1,593,884	1,528,732	714,374	8.46	84,441
1996	613,439.14	430,886	413,273	200,166	8.52	23,494
1997	506,008.88	350,953	336,607	169,402	8.58	19,744
1998	378,764.71	259,155	248,562	130,203	8.64	15,070
1999	238,131.98	160,599 219,267	154,034	84,098	8.69	9,678
2000 2001	330,295.92 791,264.86	516,664	210,304 495,545	119,992 295,720	8.74 8.78	13,729 33,681
2001	1,111,054.44	712,375	683,256	427,798	8.82	48,503
2003	755,928.18	474,995	455,579	300,349	8.86	33,899
2003	459,621.01	282,382	270,839	188,782	8.90	21,211
2005	1,101,448.79	660,572	633,571	467,878	8.93	52,394
2006	847,083.15	494,392	474,183	372,900	8.96	41,618
2008	220,163.33	120,370	115,450	104,713	9.02	11,609
2009	2,366,665.04	1,244,108	1,193,254	1,173,411	9.05	129,659
2010	849,913.98	427,056	409,600	440,314	9.07	48,546
2011	337,062.33	160,775	154,203	182,859	9.09	20,117

ACCOUNT 370 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROBAE	M SURVIVOR CURV LE RETIREMENT Y LVAGE PERCENT	EAR 12-202				
2012	734,043.21	329,255	315,797	418,246	9.11	45,911
2013	676,561.46	281,612	270,101	406,460	9.13	44,519
2014	3,277,521.46	1,245,720	1,194,800	2,082,721	9.15	227,620
2015	115,612.53	39,121	37,522	78,091	9.17	8,516
2016	94,526.79	27,446	26,324	68,203	9.19	7,421
2017	343,093.15	80,929	77,621	265,472	9.20	28,856
2018	566,849.54	96,852	92,893	473,957	9.22	51,405
2019	1,229,010.08	115,785	111,052	1,117,958	9.23	121,122
2020	375,394.16	9,505	9,117	366,277	9.24	39,640
	35,023,647.23	21,658,242	20,786,098	14,237,549		1,681,177

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.5 4.80

ACCOUNT 370.01 METERS - AMS

YEAR (1)	***************************************	ALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA 15 BALVAGE PERCENT 0	-S0.5				
2015 2020	- / /	840,594 95	532 , 406 60	2,476,916 5,635	10.81 14.75	229 , 132 382
	3,015,016.72	840,689	532,466	2,482,551		229,514
	COMPOSITE REMAINING	LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	10.8	7.61

ACCOUNT 370.11 METERS - AMI

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA /AGE PERCENT					
2015 2019	1,451.45 72,631.81	477 4,842	376 3,817	1,075 68,815	10.07 14.00	107 4,915
	74,083.26	5,319	4,193	69,890		5,022

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.9 6.78

ACCOUNT 370.2 METER - CT AND PT

VEND	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVOR	R CURVE IOWA	18-S3				
NET SALV	/AGE PERCENT	0				
1972	12,156.79	12,157	12,157			
1973	33,645.05	33,645	33,645			
1974	34,727.02	34,727	34,727			
1975	28,333.56	28,334	28,334			
1976	27,895.08	27,895	27,895			
1977	34,508.84	34,509	34,509			
1978	32,193.42	32,193	32,193			
1979	42,029.30	42,029	42,029			
1980	43,396.33	43,396	43,396			
1981	50,163.29	50,163	50,163			
1982	43,565.82	43,566	43,566			
1983	72,781.74	72,782	72,782			
1984	120,060.43	120,060	120,060			
1985	116,818.64	116,819	116,819			
1986	317,656.31	313,949	262,708	54,948	0.21	54,948
1987	299,252.54	293,267	245,402	53,851	0.36	53,851
1988	297,307.18	289,214	242,010	55,297	0.49	55,297
1989	218,173.35	210,659	176,276	41,897	0.62	41,897
1990	341,914.82	327,479	274,030	67,885	0.76	67,885
1991	281,635.24	267,396	223,753	57,882	0.91	57,882
1992	309,735.08	291,324	243,776	65,959	1.07	61,644
1993	263,488.33	245,337	205,294	58,194	1.24	46,931
1994	62,965.52	57,998	48,532	14,434	1.42	10,165
1995	436,598.93	397,550	332,664	103,935	1.61	64,556
1996	148,643.14	133,614	111,806	36,837	1.82	20,240
1997	238,794.49	211,598	177,062	61,732	2.05	30,113
1998	45,746.47	39,901	33,389	12,357	2.30	5,373
2000	39,032.72	32,831	27,472	11,561	2.86	4,042
2001	184,489.00	151,794	127,019	57,470	3.19	18,016
2002	239,263.27	191,942	160,614	78,649	3.56	22,092
2003	242,933.03	189,488	158,561	84,372	3.96	21,306
2004	16,445.38	12,416	10,390	6,055	4.41	1,373
2005	47,875.88	34,816	29,133	18,743	4.91	3,817
2006	9,982.91	6,949	5,815	4,168	5.47	762
2009	109,648.45	63,840	53,420	56,228	7.52	7,477
2010	140,719.78	75,676	63,325	77,395	8.32	9,302
2011	37,567.03	18,387	15,386	22,181	9.19	2,414
2012	228,419.28	100,251	83,888	144,531	10.10	14,310
2013	107,336.46	41,504	34,730	72,606	11.04	6 , 577

ACCOUNT 370.2 METER - CT AND PT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2014 2017 2019	341,053.48 144,723.76 83,727.95	113,305 24,121 4,652	94,812 20,184 3,893	246,241 124,540 79,835	12.02 15.00 17.00	20,486 8,303 4,696
	5,927,405.09	4,833,533	4,157,619	1,769,786		715,755
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCEN	T 2.5	12.08

ACCOUNT 371.01 INSTALLATIONS ON CUSTOMERS' PREMISES - EV CHARGING STATIONS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2019	176,161.49	17,616	16,836	159,325	9.00	17,703
	176,161.49	17,616	16,836	159,325		17,703
	COMPOSITE REMAINI	NG LIFE AND .	ANNUAL ACCRUAL	RATE, PERCENT	9.0	10.05

IX-123

ACCOUNT 373.1 STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1978	71,522.54	76,329	60,450	39,682	8.32	4,769
1979	117,203.96	123,299	97,648	66,438	8.70	7,637
1980	128,056.76	132,719	105,108	74,171	9.09	8,160
1981	192,043.78	195 , 962	155,194	113,667	9.49	11,978
1982	274,069.46	275 , 057	217,834	165,863	9.91	16,737
1983	307,941.26	303 , 753	240,560	190,558	10.34	18,429
1984	222,963.52	215,917	170,998	141,151	10.79	13,082
1985	260,312.34	247,296	195,849	168,588	11.25	14,986
1986	296,654.92	276,128	218,682	196,635	11.73	16,763
1987	255,796.11	233,082	184,592	173,523	12.22	14,200
1988	265,610.60	236,608	187,384	184,471	12.73	14,491
1989	362,446.61	315,329	249,728	257,697	13.25	19,449
1990 1991	635,445.28 490,372.25	539,112 405,247	426,955	462,668	13.79 14.34	33,551
1991	665,854.78	535,351	320,940 423,977	365,581 508,220	14.90	25,494 34,109
1992	899,064.69	701,984	555,944	702,747	15.48	45,397
1993	1,021,904.22	773,790	612,811	817,855	16.07	50,893
1995	781,478.12	572 , 669	453,531	640,538	16.68	38,402
1996	995,458.55	704,779	558,157	835,485	17.30	48,294
1997	1,045,481.44	713,848	565,340	898,334	17.93	50,102
1998	1,082,890.12	711,678	563,621	952,425	18.57	51,288
1999	673,533.07	424,863	336,475	606,471	19.23	31,538
2000	680,092.89	411,044	325,531	626,599	19.89	31,503
2001	415,338.93	239,736	189,861	391,614	20.57	19,038
2002	514,520.38	282 , 779	223,950	496,379	21.26	23,348
2003	390,645.45	203 , 760	161,370	385,534	21.96	17,556
2004	251,686.65	124,232	98,387	253,974	22.66	11,208
2005	595,026.69	276,568	219,031	614,006	23.38	26,262
2006	572.15	249	197	604	24.10	25
2007	693,577.73	281,874	223,233	747 , 776	24.84	30,104
2008	534,677.27	201,464	159,552	588,996	25.58	23,026
2009	51,086.21	17,737	14,047	57 , 474	26.32	2,184
2010	9,675,568.16	3,065,278	2,427,579	11,118,216	27.08	410,569
2011	2,215,936.23	634,640	502,610	2,599,701	27.84	93,380
2012	3,480,303.37	889 , 559	704,496	4,167,929	28.61	145,681
2013	1,652,684.50	371 , 520	294,229	2,019,529	29.38	68 , 738
2014	19,761,587.25	3,817,939	3,023,657	24,642,565	30.17	816,790
2015	9,187,787.60	1,484,765	1,175,876	11,687,027	30.96	377,488
2016	89,639.13	11,653	9,229	116,266	31.75	3,662
2017	25,449.37	2,494	1,975	33,654	32.55	1,034

ACCOUNT 373.1 STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
2018	41,558.52	2,726	2,159	56,023	33.36	1,679
2019	510,161.28	16 , 734	13 , 252	700 , 974	34.18	20,508
2020	753,708.55	6,331	5,014	1,050,178	34.79	30,186
	62,567,712.69	21,057,882	16,677,013	70,917,785		2,723,718

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.0 4.35

ACCOUNT 373.2 STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE IOWA LVAGE PERCENT					
1971	22,672.91	26,310	26,802	4,940	5.99	825
1972	82,263.50	94,438	96,203	18,966	6.30	3,010
1973	18,872.34	21,431	21,832	4,589	6.61	694
1974	142,812.25	160,350	163,347	36,590	6.93	5,280
1975	235,297.18	261,085	265,965	63,451	7.26	8,740
1976	198,494.98	217,551	221,617	56 , 276	7.60	7,405
1977	264,668.24	286,265	291,616	78 , 920	7.96	9,915
1978	154,797.53	165,201	168,289	48,428	8.32	5,821
1979	151,033.52	158,888	161,858	49,589	8.70	5 , 700
1980	142,572.22	147,763	150,525	49,076	9.09	5,399
1981	175,833.46	179,421	182,775	63,392	9.49	6,680
1982	240,317.05	241,183	245,691	90,753	9.91	9,158
1983	222,992.87	219,960	224,071	88,119	10.34	8,522
1984	175,659.38	170,107	173 , 286	72,637	10.79	6 , 732
1985	115,442.26	109,670	111,720	49,899	11.25	4,435
1986	371,345.82 520,534.03	345,650	352,110 483,178	167,774	11.73 12.22	14,303
1987 1988	439,284.54	474,313 391,317	398,631	245,570 216,367	12.73	20,096 16,997
1989	434,254.79	377,803	384,864	223,093	13.25	16,837
1990	1,419,996.21	1,204,725	1,227,242	760,753	13.79	55,167
1991	1,849,143.62	1,528,143	1,556,705	1,032,096	14.34	71,973
1992	936,287.04	752,780	766,850	543,952	14.90	36,507
1993	2,404,340.00	1,877,294	1,912,382	1,453,694	15.48	93,908
1994	1,600,747.02	1,212,092	1,234,747	1,006,299	16.07	62,620
1995	1,517,481.50	1,112,013	1,132,797	991,677	16.68	59,453
1996	2,767,183.61	1,959,149	1,995,767	1,878,290	17.30	108,572
1997	2,913,410.20	1,989,259	2,026,440	2,052,334	17.93	114,464
1998	759,957.45	499,446	508,781	555,159	18.57	29,895
1999	982,598.85	619,821	631,406	744,232	19.23	38,702
2000	1,724,387.88	1,042,210	1,061,690	1,352,453	19.89	67 , 997
2001	2,206,503.11	1,273,607	1,297,412	1,791,692	20.57	87,102
2002	3,935,349.72	2,162,860	2,203,286	3,306,204	21.26	155,513
2003	2,775,239.65	1,447,559	1,474,615	2,410,721	21.96	109 , 778
2004	2,105,841.43	1,039,439	1,058,867	1,889,311	22.66	83 , 376
2005	4,055,197.82	1,884,856	1,920,086	3,757,191	23.38	160,701
2006	110,916.55	48,360	49,264	106,019	24.10	4,399
2007	19,812.60	8,052	8,202	19,536	24.84	786
2008	1,723,450.43	649,389	661,527	1,751,304	25.58	68,464
2009	1,765,700.13	613,051	624,509	1,847,471	26.32	70,193
2010	2,248,228.04	712,252	725,565	2,421,954	27.08	89,437
2011	1,994,458.66	571,209	581,885	2,210,357	27.84	79 , 395

ACCOUNT 373.2 STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
2012	1,785,387.03	456,341	464,870	2,034,672	28.61	71,118
2013	637,929.41	143,405	146,085	747,016	29.38	25,426
2014	11,337,538.47	2,190,412	2,231,353	13,641,201	30.17	452,145
2015	5,247,634.27	848,028	863 , 879	6,482,809	30.96	209,393
2019	178,740.49	5 , 863	5 , 972	244,265	34.18	7,146
2020	298,107.39	2,504	2,551	414,799	34.79	11,923
	65,410,717.45	31,902,825	32,499,115	59,075,889		2,582,102

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 22.9 3.95

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1994	12,838.66	12,509	12,839			
2003	9,460.57	7 , 771	9,461			
2005	38,279.31	29,612	38 , 279			
2008	16,451.00	11,257	15,018	1,433	4.42	324
2009	9,834.01	6 , 378	8 , 509	1,325	4.92	269
2010	69,633.80	42,427	56,602	13,032	5.47	2,382
2011	206,214.53	116,658	155,632	50,583	6.08	8,320
2012	95,673.69	49,546	66,099	29 , 575	6.75	4,381
2013	19,267.74	8,959	11,952	7,316	7.49	977
2014	154,339.61	62 , 949	83,980	70,360	8.29	8,487
2015	135,009.94	46 , 771	62 , 397	72 , 613	9.15	7,936
2016	103,425.70	29 , 107	38,831	64 , 595	10.06	6,421
2017	255,602.83	54,408	72 , 585	183,018	11.02	16,608
2018	79 , 928.99	11,419	15,234	64,695	12.00	5,391
2019	71,311.36	5,094	6,796	64,515	13.00	4,963
	1,277,271.74	494,865	654,214	623,058		66,459

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.4 5.20

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	OR CURVE IOWA LVAGE PERCENT					
1981	662.54	663	663			
1986	35,848.13	35,848	35,848			
1991	6,968.54	6,969	6,969			
1993	15,616.87	15,617	15,617			
1994	66,955.34	66,955	66,955			
1996	28,427.62	28,340	28,428			
1997	105,019.13	102,595	105,019			
1998	12,967.31	12,409	12,967			
1999	36,621.40	34,227	36,621			
2001	36,238.00	32,280	36,238			
2003	37,496.70	31,642	37,497			
2005	70,433.64	55 , 643	66,055	4,379	2.73	1,604
2007	5,974.31	4,320	5,128	846	3.60	235
2008	26,138.97	17,915	21,267	4,872	4.09	1,191
2009	6,562.57	4,220	5,010	1,553	4.64	335
2010	65,126.35	38,925	46,209	18,917	5.23	3,617
2011	772,067.71	424,043	503,393	268,675	5.86	45,849
2012	138,445.91	68,903	81,797	56 , 649	6.53	8,675
2013	74,502.88	33,068	39,256	35 , 247	7.23	4,875
2014	955,031.84	369,521	438,669	516,363	7.97	64,788
2015	1,712,215.89	561,076	666,068	1,046,148	8.74	119,697
2016	331,117.68	87 , 872	104,315	226,803	9.55	23,749
2017	246,756.48	49,921	59,263	187,493	10.37	18,080
2018	478,903.09	65 , 203	77,404	401,499	11.23	35,752
2019	630,934.01	43,680	51,854	579 , 080	12.10	47,858
2020	1,101,382.84	19,483	23,129	1,078,254	12.77	84,436
	6,998,415.75	2,211,338	2,571,639	4,426,777		460,741

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 9.6 6.58



ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
NET SALV	AGE PERCENT	0				
1996	619.45	490	13	606	4.82	126
2002	0.35					
2005	28,091.30	16,659	425	27 , 666	9.36	2,956
2009	54,380.23	24,992	638	53 , 742	12.43	4,324
2010	30,920.52	13,040	333	30 , 588	13.30	2,300
2012	94,907.33	32,516	830	94 , 077	15.12	6,222
2013	39,065.80	11,771	301	38 , 765	16.07	2,412
2016	26,573.79	4,610	118	26,456	19.01	1,392
2017	113,173.61	14,761	377	112,797	20.00	5,640
2019	3,068.78	133	3	3,066	22.00	139
	390,801.16	118,972	3,038	387,763		25,511

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.2 6.53

ACCOUNT 394 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE 25-S LVAGE PERCENT	-				
1996	216,868.73	208,194	210,200	6,669	1.00	6,669
1997	182,157.83	167,585	169,200	12,958	2.00	6,479
1998	201,239.01	177,090	178,796	22,443	3.00	7,481
1999	555,592.17	466,697	471,194	84,398	4.00	21,100
2000	281,872.54	225,498	227,671	54,202	5.00	10,840
2001	543,383.54	412,971	416,950	126,434	6.00	21,072
2002	73,586.47	52 , 982	53,492	20,094	7.00	2,871
2003	155,546.13	105,771	106,790	48,756	8.00	6,094
2004	19,792.68	12,667	12,789	7,004	9.00	778
2005	23,499.51	14,100	14,236	9,264	10.00	926
2006	21,063.87	11,796	11,910	9,154	11.00	832
2007	6,380.55	3,318	3 , 350	3,031	12.00	253
2008	92,859.95	44,573	45,002	47 , 858	13.00	3,681
2009	118,290.08	52 , 048	52,549	65 , 741	14.00	4,696
2010	1,030,307.85	412,123	416,094	614,214	15.00	40,948
2011	480,965.13	173,147	174,815	306,150	16.00	19,134
2012	203,338.27	65 , 068	65 , 695	137,643	17.00	8,097
2013	177,708.66	49,758	50,237	127,472	18.00	7,082
2014	566,020.09	135,845	137,154	428,866	19.00	22,572
2015	345,230.35	69,046	69 , 711	275 , 519	20.00	13,776
2016	195,806.28	31,329	31,631	164,175	21.00	7,818
2017	590,211.72	70 , 825	71,508	518,704	22.00	23,577
2018	258,551.50	20,684	20,883	237,668	23.00	10,333
2019	317,988.07	12,720	12,843	305,145	24.00	12,714
2020	501,581.55	5,016	5,064	496,518	24.75	20,061
	7,159,842.53	3,000,851	3,029,764	4,130,079		279,884

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.8 3.91

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1986	133,275.84	116,193	133,276			
1987	19,774.15	16 , 970	19 , 774			
1988	78,308.61	66,064	78 , 309			
1989	18,282.80	15 , 158	18,283			
1990	8,130.57	6,619	8,131			
1991	10,483.43	8,372	10,483			
1992	72,406.94	56 , 675	72,407			
1993	41,727.68	31,998	41,728			
1994	177,214.06	132,911	177,214			
1995	57 , 783.79	42,366	57 , 784			
1998	41,319.61	28,060	41,320			
1999	71,332.02	47,047	71,332			
2000	130,228.99	83 , 288	130,229			
2002	49,786.43	29 , 759	47,171	2,615	8.85	295
2007	32,252.67	15 , 364	24,353	7,900	11.52	686
2008	63,870.30	28,655	45,421	18,449	12.13	1,521
2010	157,063.39	61,184	96,982	60,081	13.43	4,474
2011	19,237.28	6 , 890	10,921	8,316	14.12	589
2014	76,537.12	19,378	30,716	45,821	16.43	2,789
2015	186,441.95	40,085	63 , 538	122,904	17.27	7,117
2016	155,212.61	27 , 092	42,943	112,270	18.16	6,182
2017	20,452.83	2,724	4,318	16,135	19.07	846
2018	61,700.11	5 , 525	8 , 757	52 , 943	20.03	2,643
2019	583,416.34	26,516	42,030	541,386	21.00	25 , 780
2020	55,822.08	634	1,005	54,817	21.75	2,520
	2,322,061.60	915,527	1,278,425	1,043,637		55,442

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 18.8 2.39



LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1991	4,038.60	3,145	4,039			
1992	22,129.87	16,886	22,130			
1993	18,380.27	13,737	18,380			
1995	2,090.19	1,492	2,090			
2010	73,054.36	27,475	41,485	31,569	14.35	2,200
2011	31,393.64	10,838	16,365	15,029	15.06	998
2013	45,161.31	12,586	19,004	26,157	16.59	1,577
	196,248.24	86,159	123,493	72 , 755		4,775

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.2 2.43

LOUISVILLE GAS AND ELECTRIC COMPANY ELECTRIC PLANT

ACCOUNT 397.2 COMMUNICATION EQUIPMENT - DSM

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 10-S LVAGE PERCENT	_				
2012 2020	6,803,952.49 186.86	5,443,162 5	4,603,778 4	2,200,174 183	2.00 9.75	1,100,087 19
	6,804,139.35	5,443,167	4,603,782	2,200,357		1,100,106
С	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	2.0	16.17



GAS PLANT



ACCOUNT 302 FRANCHISES AND CONSENTS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE 20-SO ALVAGE PERCENT	-				
2001	387.49	363	329	58	1.25	46
	387.49	363	329	58		46
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	1.3	11.87

ACCOUNT 350.2 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
1949 1950	2,301.70 23.11	2,047 20	2,302 23			
1990	14,774.44	6,633	14,774			
2001	42,921.89	12,302	36,333	6,589	46.37	142
2009	31,935.45	5 , 267	15,556	16,379	54.28	302
2013	9,255.90	960	2,835	6,421	58.26	110
	101,212.49	27,229	71,823	29,389		554

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 53.0 0.55

ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1942	4,730.55	4,897	5,112	565	8.24	69
1944	3,293.95	3 , 376	3,524	429	8.76	49
1947	1,605.25	1,618	1,689	237	9.61	25
1949	4,340.57	4,322	4,512	697	10.21	68
1952	20,583.49	20,085	20,968	3,732	11.21	333
1953	3,693.43	3 , 577	3,734	698	11.57	60
1956	1,383.00	1,308	1,365	295	12.72	23
1958	3,446.26	3,201	3,342	794	13.56	59
1959	62,752.98	57 , 733	60,271	15,033	14.00	1,074
1960	395.73	361	377	98	14.45	7
1962	45,415.93	40,502	42,282	12,217	15.41	793
1964	43,861.00	38,229	39,909	12,724	16.42	775
1970	47,445.00	38,165	39,843	17,091	19.78	864
1971	403.00	319	333	151	20.39	7
1974	15,689.62	11,836	12,356	6 , 472	22.28	290
1975 1977	2,693.05 762.15	1,997 545	2,085 569	1,147 346	22.93 24.26	50 14
1977	0.23	343	309	340	24.20	14
1979	12,480.44	8 , 579	8,956	6,021	25.63	235
1982	69,919.00	45,070	47,051	36,852	27.77	1,327
1983	6,077.00	3,829	3,997	3,295	28.50	116
1987	43,647.00	24,879	25,973	26,403	31.50	838
1988	4,403.78	2,442	2,549	2,736	32.27	85
1989	9,988.62	5 , 386	5,623	6,363	33.04	193
1991	8,000.00	4,061	4,240	5,360	34.62	155
1996	187,196.00	79 , 745	83,250	141,385	38.70	3,653
1997	176,318.56	72 , 186	75 , 359	136,223	39.53	3,446
1998	7,922.00	3,109	3,246	6,260	40.38	155
2001	154,920.74	52 , 858	55 , 182	130,723	42.94	3,044
2003	177,445.34	54,369	56 , 759	156 , 175	44.68	3 , 495
2004	284,036.54	82,031	85 , 637	255 , 207	45.56	5,602
2005	134,563.01	36,493	38,097	123,379	46.44	2,657
2006	14,093.03	3,571	3,728	13,184	47.33	279
2008	30,410.72	6,611	6,902	29,591	49.13	602
2009	145,144.03	28,942	30,214	143,959	50.03	2,877
2010	3,542,270.90	641,859	670,073	3,580,652	50.94	70,292
2011	21,187.03	3,453	3,605	21,819	51.85	421
2012	222,549.43 156,083.71	32 , 181	33 , 596	233,463	52.77	4,424
2013 2014	3,942,183.13	19 , 698	20 , 564	166,736	53.69 54.61	3,106
2014	468,800.28	424,952 33,095	443,631 34,550	4,286,989 528,010	56.47	78,502 9,350
2010	400,000.20	55,095	54,550	JZ0, U1U	50.47	9,330

ACCOUNT 351.2 COMPRESSOR STATION STRUCTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2017 2018 2019	59,009.11 131,528.07 389,028.52	3,057 4,340 5,523	3,191 4,531 5,766	67,620 153,303 461,068	57.41 58.35 59.29	1,178 2,627 7,776
	10,661,701.18	1,914,390	1,998,541	10,795,500		210,995
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	51.2	1.98



ACCOUNT 351.3 MEASURING AND REGULATING STATION STRUCTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1959	3,000.00	2,411	3,150			
1960	1,697.83	1,350	1,783			
1965	5 , 577.00	4,172	5 , 856			
1966	130.85	97	137			
1968	365.37	262	384			
2010	22,272.00	3,418	6,118	17,268	55.50	311
	33,043.05	11,710	17,428	17,267		311

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 55.5 0.94

ACCOUNT 351.4 OTHER STRUCTURES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
			(4)	(3)	(0)	(/)
	R CURVE IOWA VAGE PERCENT					
1942	5,761.00	5 , 773	6 , 235	678	10.72	63
1947	44.98	44	48	6	12.37	
1948	754.00	727	785	120	12.74	9
1951	1,697.00	1,601	1,729	307	13.90	22
1952	765.00	716	773	145	14.32	10
1953	3,279.63	3,042	3,285	651	14.75	44
1954	6,961.08	6,401	6,913	1,440	15.19	95
1959	122,955.14	107,595	116,206	31,340	17.60	1,781
1961	10,393.61	8,892	9,604	2,868	18.66	154
1962	7,933.16	6,706	7,243	2,277	19.21	119
1963	1,439.55	1,202	1,298	429	19.77	22
1964	49,205.83	40,570	43,817	15,230	20.34	749
1965 1966	5,088.04 484.58	4,141 389	4,472 420	1,634 161	20.92 21.52	78 7
1967	26,544.84	21,009	22,690	9,164	22.13	414
1968	34,520.74	26,932	29,087	12,338	22.13	543
1969	2,818.73	2,166	2,339	1,043	23.37	45
1970	19,651.22	14,871	16,061	7,520	24.01	313
1971	272.00	203	219	107	24.66	4
1972	517.31	379	409	212	25.32	8
1974	21,780.80	15,417	16,651	9,486	26.66	356
1976	4,879.94	3,329	3,595	2,261	28.05	81
1977	1,823.01	1,220	1,318	870	28.75	30
1978	2,308.40	1,514	1,635	1,135	29.47	39
1980	22,046.11	13,871	14,981	11,474	30.92	371
1982	7,046.13	4,241	4,580	3 , 875	32.40	120
1985	4,215.94	2,360	2,549	2,510	34.68	72
1986	2,550.61	1,391	1,502	1,559	35.46	44
1987	5,901.00	3,133	3,384	3 , 697	36.24	102
1988	78,245.00	40,404	43,637	50,257	37.03	1,357
1989	28,140.00	14,120	15,250	18,518	37.82	490
1992	13,975.00	6,386	6,897	9,873	40.25	245
1993	52,743.24	23,291	25,155	38,137	41.08	928
1994	4,264.82	1,818	1,963	3,155	41.91	75
1996	39,914.00	15,784	17,047	30,850	43.58	708
1998	42,054.00	15,310	16,535	33,930	45.28	749
2000	301,793.01	100,233	108,255	253,897	47.01	5,401
2002	79,807.00	23,942	25 , 858	69,910	48.75	1,434
2003 2004	1,488.78	10 506	456	1,331	49.63	27
	39,299.24	10,506	11,347	35,812	50.52	709
2005	30,409.57	7,630	8,241	28,250	51.41	550

ACCOUNT 351.4 OTHER STRUCTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
2006	14,041.34	3,292	3,555	13,295	52.30	254
2007	65,474.78	14,264	15,406	63,164	53.20	1,187
2008	15,645.53	3,148	3,400	15 , 375	54.10	284
2009	373,964.64	68 , 970	74,490	374,268	55.01	6,804
2010	493,621.51	82 , 745	89,367	502 , 979	55.92	8,995
2011	478,282.92	72 , 052	77,818	496,122	56.84	8,728
2012	46,768.42	6 , 251	6 , 751	49,371	57.76	855
2013	1,484,492.43	173,205	187,067	1,594,324	58.68	27,170
2014	624,345.70	62 , 125	67 , 097	682 , 118	59.61	11,443
2015	245,908.21	20,249	21,869	273 , 221	60.54	4,513
2016	872 , 057.07	56 , 834	61,382	985 , 086	61.47	16,025
2017	735,829.34	35 , 187	38,003	844,992	62.41	13,539
2018	308,026.64	9,381	10,132	359,500	63.35	5,675
2019	612,170.97	8,022	8,664	725,941	64.29	11,292
	7,456,402.54	1,175,406	1,269,470	7,678,213		135,132

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 56.8 1.81

ACCOUNT 352.1 STORAGE LEASEHOLDS AND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	C CURVE IOWA YAGE PERCENT					
1930	3,937.46	3,632	3,937			
1959	206,067.42	152,325	206,067			
1960	15.43	11	15			
1961	2,198.00	1,583	2,198			
1964	43,127.71	29,804	43,128			
1971	257,345.05	159 , 039	257,345			
1973	292.00	174	292			
1975	30,166.00	17 , 299	30,166			
1982	1,500.00	737	1,500			
1990	2,005.50	785	2,006			
1998	1,586.57	457	1,587			
	548,241.14	365,846	548,241			

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

ACCOUNT 352.2 RESERVOIRS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	C CURVE IOWA YAGE PERCENT					
1968	84,535.13	61,672	84,535			
1969	112,400.82	80 , 755	112,401			
1970	29,156.24	20,625	29,156			
1971	110,767.57	77,094	110,768			
1972	38,151.80	26,113	38,152			
1975	25,499.84	16,547	25,499			
	400,511.40	282,806	400,511			

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

ACCOUNT 352.3 NONRECOVERABLE NATURAL GAS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE 50-SO ALVAGE PERCENT	~				
1971 1977	1,067,813.00 1,179,520.00	1,041,118 1,008,490	1,067,813 1,179,520			
1985	7,401,522.00	5,144,058	6,284,424	1,117,098	15.25	73 , 252
	9,648,855.00	7,193,666	8,531,757	1,117,098		73,252
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	г 15.3	0.76

ACCOUNT 352.4 WELL DRILLING

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1944	2,106.88	2,608	1,778	1,382	11.35	122
1947	7,078.00	8 , 596	5,862	4,755	12.37	384
1948	17,898.07	21,585	14,719	12,128	12.74	952
1949	8,657.00	10,366	7,069	5,916	13.11	451
1950	2,341.30	2,783	1,898	1,614	13.50	120
1951	15,902.33	18,752	12,787	11,066	13.90	796
1952	27,903.59	32 , 634	22,254	19,601	14.32	1,369
1953	7,152.81	8,295	5 , 656	5 , 073	14.75	344
1954	5,534.85	6,362	4,338	3,964	15.19	261
1955	20,551.14	23,405	15,960	14,867	15.65	950
1956	19,696.68	22,218	15,151	14,394	16.12	893
1957	23,901.12	26,696	18,204	17,648	16.60	1,063
1958	6,983.00	7,721	5 , 265	5,210	17.09	305
1959	165,172.25	180,673	123,203	124,555	17.60	7,077
1960	29,433.36	31,842	21,714	22,436	18.12	1,238
1961 1962	36,194.93 49,218.74	38,706	26,394 35,466	27,898 38,362	18.66 19.21	1,495
1962	50,031.48	52,009 52,222	35,400	39,436	19.21	1,997 1,995
1964	49,314.27	50,824	34,658	39,430	20.34	1,933
1965	29,405.38	29,912	20,397	23,711	20.92	1,133
1966	28,733.75	28,831	19,660	23,441	21.52	1,089
1967	32,049.00	31,706	21,621	26,452	22.13	1,195
1968	340,353.57	331,921	226,342	284,188	22.74	12,497
1970	109,933.05	103,989	70,912	93,988	24.01	3,915
1971	49,189.27	45,792	31,226	42,558	24.66	1,726
1972	29,322.93	26 , 851	18,310	25,674	25.32	1,014
1973	53,713.00	48,354	32,973	47,596	25.99	1,831
1974	26,502.81	23,449	15 , 990	23,764	26.66	891
1975	27,567.00	23,951	16,333	25,018	27.35	915
1976	24,102.30	20,552	14,015	22,138	28.05	789
1977	52,406.00	43,839	29 , 894	48,715	28.75	1,694
1978	58,353.00	47 , 845	32,626	54 , 904	29.47	1,863
1979	25,108.49	20,170	13,754	23,909	30.19	792
1981	23,542.00	18,118	12,355	22,958	31.65	725
1982	108,956.00	81,969	55,896	107,538	32.40	3,319
1984	31,530.01	22,622	15,426	31,869	33.91	940
1985	72,316.00	50,599	34,504	73,970	34.68	2,133
1986	66,588.00	45,392	30,953	68,929	35.46	1,944
1987	10,849.94	7,201	4,910	11,365	36.24	314
1988	7,903.00	5 , 101	3,478	8,376	37.03	226
1996	14,588.00	7,211	4,917	16,965	43.58	389

ACCOUNT 352.4 WELL DRILLING

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1997	73,331.00	34,809	23,737	86,260	44.43	1,941
2000	165,003.00	68,502	46,713	200,792	47.01	4,271
2001	76,894.00	30,379	20,716	94,625	47.88	1,976
2003	73,242.65	25,978	17,715	92,149	49.63	1,857
2012	1,832,097.48	306,089	208,727	2,539,419	57.76	43,965
2013	1,290,396.03	188,198	128,335	1,807,259	58.68	30,799
2014	516,404.88	64,230	43,799	730,808	59.61	12,260
2018	47,637.89	1,814	1,237	70,220	63.35	1,108
	5,843,091.23	2,383,671	1,625,458	7,139,179		163,256

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 43.7 2.79

ACCOUNT 352.5 WELL EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1934	1,086.19	1,554	623	1,006	2.07	486
1942	618.97	812	325	603	5.63	107
1944	1,692.34	2,175	872	1,667	6.45	258
1948	9,197.64	11,328	4,540	9,256	8.05	1,150
1949	5 , 677.76	6,917	2,772	5 , 745	8.45	680
1950	6,489.47	7,820	3,134	6,600	8.85	746
1951	11,923.66	14,213	5 , 697	12,188	9.24	1,319
1952	21,343.35	25 , 157	10,083	21,932	9.64	2,275
1953	7,127.82	8,306	3,329	7,363	10.04	733
1954	7,919.47	9,126	3,658	8,221	10.43	788
1955	29,285.27	33,356	13,369	30 , 559	10.83	2,822
1956	13,737.54	15 , 459	6,196	14,410	11.24	1,282
1957	21,142.31	23,510	9,423	22,290	11.64	1,915
1958	5,386.70	5,916	2,371	5 , 709	12.05	474
1959	108,528.66	117,717	47,182	115,611	12.46	9,279
1960	25,292.96	27 , 089	10,858	27,081	12.87	2,104
1961	27,276.80	28,832	11,556	29 , 359	13.29	2,209
1962	45,590.68	47 , 567	19,065	49,321	13.70	3,600
1963	52,314.50	53 , 832	21 , 577	56 , 895	14.13	4,027
1964	52,204.31	52 , 988	21,238	57 , 068	14.55	3,922
1965	27 , 943.67	27 , 953	11,204	30,712	14.99	2,049
1966	43,763.47	43,151	17,295	48,350	15.42	3,136
1967	40,459.62	39 , 300	15 , 752	44,937	15.86	2,833
1968	60,980.57	58,318	23 , 375	68,096	16.31	4,175
1969	47,819.53	45,030	18,049	53 , 680	16.75	3,205
1970	97,099.53	89 , 947	36 , 052	109,597	17.21	6,368
1971	43,533.53	39 , 659	15 , 896	49,404	17.67	2,796
1972	22,633.00	20,272	8,125	25 , 824	18.13	1,424
1973	54,257.07	47,746	19,137	62 , 249	18.60	3,347
1974	10,165.78	8 , 787	3 , 522	11,727	19.07	615
1975	35,378.22	30,013	12,030	41,037	19.55	2,099
1976	11,005.12	9,160	3 , 671	12,837	20.03	641
1977	35 , 607.00	29 , 055	11,646	41,764	20.52	2,035
1978	52,362.82	41,873	16,783	61,761	21.01	2,940
1979	8,868.48	6,944	2,783	10,520	21.51	489
1981	49,363.00	36 , 973	14,819	59 , 226	22.53	2,629
1982	54,202.29	39 , 676	15,903	65,400	23.04	2,839
1983	272.09	194	78	330	23.56	14
1984	90,816.56	63 , 300	25 , 371	110,854	24.09	4,602
1985	89 , 977.82	61,155	24,512	110,455	24.61	4,488
1986	109,460.44	72,426	29,029	135,162	25.15	5,374

ACCOUNT 352.5 WELL EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIV	OR CURVE IOWA	45-R0 5				
	LVAGE PERCENT					
1987	79,242.92	51,006	20,444	98,420	25.69	3,831
1988	5,635.50	3,526	1,413	7,040	26.23	268
1989	14,839.82	9,013	3,613	18,647	26.78	696
1990	116,052.00	68 , 355	27 , 397	146,681	27.33	5 , 367
1991	250,705.30	142,985	57,310	318,748	27.89	11,429
1992	4,511.30	2,489	998	5 , 769	28.45	203
1993	186,412.33	99 , 357	39 , 823	239 , 795	29.01	8,266
1994	104,512.76	53 , 720	21,532	135,237	29.58	4,572
1995	22,685.59	11,229	4,501	29 , 527	30.15	979
1996	68,512.21	32 , 589	13,062	89 , 706	30.73	2,919
1997	197,642.49	90,190	36,149	260,315	31.31	8,314
1998	12,926.39	5,649	2,264	17,126	31.89	537
1999	58,951.18	24,622	9,869	78 , 558	32.47	2,419
2000	280,848.03	111,776	44,801	376,471	33.06	11,388
2001	259,188.21	98 , 059	39,303	349 , 479	33.65	10,386
2002	229,505.05	82 , 315	32,993	311,265	34.24	9,091
2003	200,560.10	67 , 990	27,251	273 , 589	34.83	7 , 855
2004	342,626.24	109,299	43,808	470,131	35.43	13,269
2005	326,061.47	97,603	39,120	449,972	36.02	12,492
2006	11,751.95	3,283	1,316	16,312	36.62	445
2007	12,077.06	3,132	1,255	16,861	37.22	453
2008	6,819.62	1,632	654	9,575	37.82	253
2009	988,400.58	216,786	86,891	1,395,710	38.42	36,328
2010	1,274,204.35	253,573	101,635	1,809,672	39.03	46,366
2011	1,084,231.41	194,072	77,786	1,548,561	39.63	39,075
2012	2,349,481.02	372,792	149,420	3,374,802	40.24	83,867
2013	1,643,089.31	227,289	91,100	2,373,534	40.85	58,104
2014	441,081.63	52,050	20,862	640,760	41.46	15,455
2015	242,038.69	23,639	9,475	353,583	42.07	8,405
2016	507,209.05	39,228	15,723	745,091	42.68	17,458
2017	951,714.81	53,934	21,618	1,405,954	43.30	32,470
2018	702,708.48	25,529	10,232	1,043,831	43.91	23,772
2019	1,389,235.32	21,755	8 , 720	2,075,133	44.53	46,601
2020	534,493.11	1,427	572	801,168	44.92	17,835
	16,339,761.29	3,956,499	1,585,810	22,923,832		639,442

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.8 3.91



ACCOUNT 353 LINES

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SIIBALAA	R CURVE IOWA	50-R2				
	AGE PERCENT					
1952	34,321.37	35 , 362	41,186			
1953	387.78	397	465			
1954	2,790.88	2,833	3,349			
1955	7,263.56	7,318	8,716			
1956	1,914.28	1,914	2,297			
1957	39 , 823.07	39,492	47,671	117	8.68	13
1958	350.73	345	416	5	9.03	1
1959	21,553.49	21,012	25,363	501	9.38	53
1960	8,535.92	8,248	9,956	287	9.74	29
1961	35,343.34	33,836	40,843	1,569	10.11	155
1962	19,508.78	18,499	22,330	1,081	10.49	103
1963	5,179.20	4,861	5,868	347	10.89 11.29	32 26
1964 1965	3,739.10 12,676.36	3,474 11,649	4,193 14,061	294 1 , 151	11.29	98
1966	13,453.97	12,228	14,760	1,385	12.13	114
1967	131,308.44	117,957	142,385	15,185	12.13	1,208
1968	133,965.77	118,897	143,520	17,239	13.02	1,324
1970	240,138.89	207,768	250,796	37,371	13.95	2,679
1971	25,120.30	21,439	25 , 879	4,265	14.44	295
1972	20,819.76	17,524	21,153	3,831	14.93	257
1973	282.82	235	284	55	15.44	4
1974	23,201.12	18,954	22,879	4,962	15.96	311
1975	35,869.97	28,848	34,822	8,222	16.49	499
1976	13,023.13	10,302	12,435	3,193	17.04	187
1977	23,114.29	17 , 979	21,702	6,035	17.59	343
1978	328,127.63	250,742	302,670	91,083	18.16	5,016
1979	98,038.00	73 , 552	88,784	28,862	18.74	1,540
1980	594,106.01	437,310	527 , 875	185,052	19.33	9,573
1981	484,874.36	349,924	422,392	159,457	19.93	8,001
1982	493,470.37	348,903	421,159	171,005	20.54	8,325
1983	197,362.28	136,606	164,896	71,939	21.16	3,400
1984	217,933.07	147,497	178,043	83,477	21.80	3,829
1985	596,396.82	394,481	476,176	239,500	22.44	10,673
1986	534,113.65	344,952	416,390	224,546	23.09	9,725
1987 1988	766,481.66 102,581.58	482,699	582,664 75,989	337,114 47,109	23.76 24.43	14,188
1989	226,990.92	62 , 952		108,778	25.12	1,928
1909	212,131.45	135,541 123,155	163,611 148,660	105,778	25.12	4,330 4,103
1990	869,798.65	490,358	591,909	451,849	26.51	17,044
1992	218,324.88	119,363	144,083	117,907	27.22	4,332
1994	103,160.84	52,810	63,747	60,046	28.67	2,094
± > > 1	100,100.01	02,010	00,111	00,010	20.07	2,004

ACCOUNT 353 LINES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1995	129,327.99	63,909	77,144	78,050	29.41	2,654
1996	868,794.64	413,685	499,357	543 , 197	30.16	18,011
1997	11,634.00	5 , 330	6,434	7 , 527	30.91	244
1998	206,111.33	90,623	109,391	137,943	31.68	4,354
1999	160,192.29	67 , 473	81,446	110,785	32.45	3,414
2001	818,557.07	314,129	379,184	603,084	34.01	17,733
2002	144,240.19	52 , 584	63,474	109,614	34.81	3,149
2003	256,295.12	88,514	106,845	200,709	35.61	5,636
2004	1,263,528.76	411,809	497,093	1,019,142	36.42	27,983
2005	539,132.96	165,233	199,452	447,508	37.23	12,020
2006	299,165.88	85 , 801	103,570	255,429	38.05	6,713
2009	1,427,757.94	323,473	390,462	1,322,848	40.56	32,615
2010	706,960.63	145,747	175,930	672,423	41.41	16,238
2011	635,394.56	117,878	142,290	620,183	42.27	14,672
2012	1,329,371.97	219,187	264,580	1,330,666	43.13	30,852
2013	2,553,955.20	367 , 770	443,933	2,620,813	44.00	59,564
2014	2,917,008.07	359 , 142	433,519	3,066,891	44.87	68,351
2015	695,413.86	70 , 932	85 , 622	748 , 875	45.75	16,369
2016	1,354,031.45	109,189	131,801	1,493,037	46.64	32,012
2017	228,093.58	13,521	16,321	257 , 391	47.53	5,415
2018	2,763,969.98	104,810	126,515	3,190,249	48.42	65 , 887
2019	1,706,247.43	27 , 846	33,613	2,013,884	49.32	40,833
2020	266,766.82	704	850	319,270	49.89	6,399
	28,179,530.21	8,331,505	10,055,203	23,760,233		606,950

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 39.1 2.15

ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
1947	1,057.01	1,081	1,100	116	4.98	23
1948	198.67	202	206	22	5.24	4
1949	55,190.79	55 , 712	56,694	6 , 775	5.50	1,232
1951	4,783.65	4,763	4,847	654	6.04	108
1952	204,740.22	202,384	205,950	29,501	6.32	4,668
1953	24.26	24	24	4	6.60	1
1954	223.00	217	221	35	6.89	5
1956	78,190.09	74 , 992	76,313	13,606	7.47	1,821
1957	17,468.68	16,616	16,909	3,180	7.78	409
1959	677,767.70	633,936	645,106	134,327	8.40	15,991
1960	699.00	648	659	145	8.72	17
1961	17,028.51	15,649	15,925	3,658	9.04	405
1962	519,388.62	472,928	481,261	116,036	9.37	12,384
1963	4,114.92	3,710	3 , 775	957	9.72	98
1964	438,354.40	391,298	398,193	105,915	10.07	10,518
1965	75,600.30	66,808	67 , 985	18,955	10.42	1,819
1967	38,138.99	32 , 973	33,554	10,306	11.17 11.56	923 558
1968 1969	23,014.19 63,805.06	19,667 53,874	20,014 54,823	6,452 18,553	11.96	1,551
1970	371,362.81	309,671	315,127	111,940	12.37	9,049
1971	5,435.48	4,474	4,553	1,698	12.79	133
1972	1,306.25	1,061	1,080	422	13.22	32
1973	47,483.00	38,029	38,699	15,906	13.66	1,164
1974	165,982.21	130,985	133,293	57 , 587	14.12	4,078
1976	89,777.05	68,691	69,901	33,343	15.06	2,214
1978	4,720.15	3,492	3,554	1,874	16.05	117
1979	6 , 322.73	4,594	4,675	2,596	16.57	157
1980	1,703.60	1,215	1,236	723	17.09	42
1981	6,577.00	4,600	4,681	2,883	17.63	164
1982	848.00	581	591	384	18.18	21
1983	27,946.72	18,762	19,093	13,046	18.73	697
1984	5,076.67	3,334	3,393	2,445	19.30	127
1985	5 , 256.67	3 , 375	3,434	2,611	19.88	131
1987	1,346.99	823	838	711	21.08	34
1988	31,653.16	18,856	19,188	17,213	21.69	794
1989	5,620.00	3 , 259	3,316	3,147	22.31	141
1990	7,392.00	4,167	4,240	4,261	22.94	186
1991	85,136.00	46,603	47,424	50,482	23.58	2,141
1992	219,812.00	116,675	118,731	134,053	24.23	5,533
1993	144,032.60	74,022	75 , 326	90,311	24.89	3,628
1994	208,751.45	103,761	105,589	134,475	25.55	5,263

ACCOUNT 354 COMPRESSOR STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1995 1996	2,780.16 280,153.84	1,334 129,515	1,358 131,797	1,839 190,380	26.23 26.91	70 7 , 075
1997	55,126.00	24,498	24,930	38,465	27.61	1,393
1998	410,799.19	175,319	178,408	294,011	28.30	10,389
1999	12,281.93	5,019	5,107	9,017	29.01	311
2000	2,271,508.91	887,011	902,640	1,709,595	29.72	57,523
2001	1,531,694.82	569,529	579 , 564	1,181,885	30.45	38,814
2002	549,308.61	194,142	197,563	434,142	31.17	13,928
2003	69,524.29	23,258	23,668	56 , 285	31.91	1,764
2004	10,519.20	3,323	3,382	8,715	32.64	267
2005	227,295.86	67,439	68 , 627	192,763	33.39	5,773
2006	75,975.78	21,086	21,458	65,914	34.14	1,931
2007	1,095,256.25	282 , 692	287 , 673	971 , 872	34.90	27 , 847
2008	111,159.44	26 , 533	27 , 001	100,832	35.66	2,828
2009	2,217,187.84	485 , 577	494,133	2,055,633	36.43	56 , 427
2010	1,721,912.08	343,228	349 , 276	1,630,923	37.20	43,842
2011	920,149.60	165 , 075	167,984	890 , 188	37.98	23,438
2012	580,289.92	92 , 539	94 , 170	573 , 163	38.76	14,787
2013	1,167,212.31	162 , 565	165,429	1,176,865	39.55	29 , 756
2014	27,591,340.39	3,285,963	3,343,862	28,386,179	40.34	703 , 673
2015	847,234.99	83 , 577	85 , 050	889 , 270	41.14	21,616
2016	8,998,799.96	703 , 706	716,105	9,632,515	41.94	229,674
2017	3,347,214.60	192,465	195 , 856	3,653,441	42.75	85 , 461
2018	3,158,986.81	116,251	118,299	3,514,536	43.56	80,683
2019	4,907,244.23	77 , 765	79 , 136	5,564,195	44.38	125,376
2020	1,277,313.00	3,261	3,318	1,465,592	44.90	32,641
	67,101,600.61	11,131,182	11,327,315	65,839,526		1,705,668

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.6 2.54



ACCOUNT 355 MEASURING AND REGULATING EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

VEND	ORIGINAL	CALCULATED	ALLOC. BOOK	FUTURE BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIV	OR CURVE IOWA	45-S0				
NET SA	LVAGE PERCENT	-20				
1951	1,151.71	1,136	1,143	239	8.00	30
1954	1,574.73	1,504	1,513	377	9.19	41
1957	3,723.60	3,437	3,458	1,010	10.39	97
1958	428.07	391	393	121	10.79	11
1959	34,700.33	31,286	31,480	10,160	11.19	908
1962	1,472.35	1,279	1,287	480	12.42	39
1964	369.92	313	315	129	13.25	10
1965	33,282.00	27 , 806	27 , 979	11,959	13.67	875
1966	7,983.92	6,581	6,622	2,959	14.09	210
1968	6,477.75	5 , 193	5 , 225	2,548	14.94	171
1970	19,308.00	15 , 035	15,128	8,042	15.80	509
1971	906.00	695	699	388	16.24	24
1972	179.00	135	136	79	16.67	5
1980	2,848.81	1,877	1,889	1,530	20.29	75
1983	4,467.49	2,776	2,793	2,568	21.70	118
1986	5,089.85	2,964	2,982	3,126	23.16	135
1987	11,571.60	6,588	6,629	7,257	23.65	307
1989	52,825.00	28,652	28,830	34,560	24.66	1,401
1990	32,112.95	16,981	17,086	21,450	25.17	852
2001	42,158.70	15,492	15,588	35,002	31.22	1,121
2002	36,889.85	12,966	13,047	31,221	31.82	981
2003	13,292.02	4,455	4,483	11,467	32.43	354
2006	11,339.56	3,229	3,249	10,358	34.32	302
2009	11,379.40	2,631	2,647	11,008	36.33	303
2010	114,669.26	24,401	24,553	113,050	37.02	3,054
2011	12,125.84	2,348	2,363	12,188	37.74	323
2012	70,069.00	12,201	12,277	71 , 806	38.47	1,867
2013	38,659.77	5 , 959	5,996	40,396	39.22	1,030
2014	162,396.23	21,653	21,787	173 , 088	40.00	4,327
2015	1,238,056.55	138,999	139,862	1,345,806	40.79	32,994
2016	18,787.30	1,693	1,704	20,841	41.62	501
2017	482,960.22	32,582	32,784	546 , 768	42.47	12,874
2019	265,372.25	5,165	5 , 197	313,250	44.27	7,076
	2,738,629.03	438,403	441,124	2,845,231		72,925

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 39.0 2.66



ACCOUNT 356 PURIFICATION EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE IOWA LVAGE PERCENT					
1959	14,150.63	15,107	16,850	1,546	8.76	176
1961	47,057.37	49,351	55,044	6,131	9.47	647
1963	6,831.14	7,026	7,836	1,044	10.23	102
1964	214,596.21	218,513	243,720	35,255	10.62	3,320
1965	3,262.11	3,287	3,666	575	11.02	52
1966	1,902.00	1,896	2,115	358	11.43	31
1967	275,317.00	271,283	302 , 577	55 , 335	11.86	4,666
1968	23,355.73	22,747	25 , 371	4,991	12.29	406
1969	40,059.83	38,538	42,984	9,094	12.74	714
1970	972.55	924	1,031	233	13.20	18
1971	1,123.74	1,053	1,174	287	13.67	21
1972	596.08	551	615	160	14.16	11
1974	80,708.29	72,438	80,794	24,127	15.17	1,590
1976	769.00	669 5 171	746	254	16.22	16
1977 1984	6,047.08 45,577.00	5,171 33,966	5,768 37,884	2,093 21,366	16.77 20.91	125 1,022
1985	3,754.30	2,735	3,050	1,831	21.54	85
1986	54,117.10	38,493	42,933	27,419	22.19	1,236
1987	16,866.00	11,701	13,051	8 , 875	22.85	388
1989	64,213.00	42,267	47,143	36,334	24.19	1,502
1990	8,546.00	5,469	6,100	5,010	24.88	201
1991	22,118.35	13,743	15,328	13,426	25.58	525
1992	111,099.30	66,967	74,692	69,737	26.28	2,654
1993	32,439.16	18,934	21,118	21,053	27.00	780
1994	56,546.99	31,925	35,608	37,903	27.72	1,367
1995	66,415.00	36,192	40,367	45 , 972	28.46	1,615
1996	886,023.69	465,432	519 , 122	632 , 709	29.20	21,668
1997	2,267,980.30	1,146,269	1,278,498	1,669,876	29.95	55 , 755
1999	499,045.85	231,964	258 , 722	390,038	31.48	12,390
2000	1,034,809.58	459 , 861	512 , 909	832,343	32.25	25 , 809
2001	1,455,443.21	616,268	687 , 358	1,204,718	33.04	36,462
2002	685,525.74	275,901	307,728	583,455	33.83	17,247
2003	450,853.30	171,888	191,716	394,393	34.63	11,389
2004	263,428.56	94,840	105,780	236,677	35.43	6,680
2005	92,430.18	31,265	34 , 872	85 , 287	36.25	2,353
2006	30,516.54	9,659	10,773	28,899	37.07	780
2007	5,533.37	1,631	1,819	5,374	37.89	142
2009	255,375.63 1,480,250.72	63 , 891	71,261	260,727 1,548,508	39.57	6,589
2010 2011	423,289.04	336,949	375,818	453,450	40.42	38,310
2011	1,357,472.77	86,812 247,413	96,826 275,954	1,488,761	41.27 42.13	10,987 35,337
Z U 1 Z	1,001,414.11	241,413	210,304	T, 400, / UI	44.13	30,331

ACCOUNT 356 PURIFICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
2013	1,170,126.21	186,267	207,754	1,313,410	43.00	30,544
2014	1,435,957.90	195,430	217,974	1,648,771	43.87	37,583
2015	3,427,521.43	386,450	431,029	4,024,749	44.75	89,939
2016	3,972,225.40	354 , 088	394,934	4,768,959	45.64	104,491
2017	1,155,795.51	75 , 743	84,481	1,418,053	46.53	30,476
2018	3,684,647.86	154,431	172,246	4,617,796	47.42	97 , 381
2019	756,354.25	13,648	15,222	968,039	48.32	20,034
	27,989,048.00	6,617,046	7,380,361	29,005,401		715,616

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 40.5 2.56

ACCOUNT 357 OTHER EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE IOWA LVAGE PERCENT					
1958	270.25	251	245	52	7.25	7
1959	10,401.38	9,599	9,388	2,054	7.57	271
1960	1,622.00	1,484	1,451	333	7.90	42
1961	433.00	393	384	92	8.24	11
1962	5,031.40	4,523	4,423	1,112	8.59	129
1963 1964 1965	122.43 0.44 1,061.00	926 2 210	906	28	9.69	27
1967	3,764.00	3,218	3,147	993	10.47	95
1968	4,359.00	3,685	3,604	1,191	10.88	109
1969	2,699.97	2,255	2,205	765	11.31	68
1970	275.87	228	223	80	11.74	7
1981	12,918.80	8,962	8,765	5,446	17.36	314
1982	1,733.39	1,179	1,153	754	17.94	42
1983	6,482.00	4,318	4,223	2,907	18.54	157
1986	866.00	539	527	426	20.40	21
1987	18,300.00	11,119	10,874	9,256	21.04	440
1989	15,115.00	8,717	8,525	8,102	22.36	362
1990	8,951.00	5,022	4,912	4,934	23.03	214
1991	33,678.00	18,350	17,946	19,100	23.72	805
1992	51,940.77	27,461	26,857	30,278	24.41	1,240
1995 1997 2001	51,149.00 11,007.00 222,940.23	24,481 4,887 83,014 117,337	23,942 4,779 81,188	32,322 7,329 164,046	26.55 28.03 31.09	1,217 261 5,276 7,836
2002 2003 2004 2005	331,365.96 591.31 42,348.74 33,803.28	117,337 198 13,410 10,063	114,756 194 13,115 9,842	249,747 456 33,469 27,342	31.87 32.67 33.47 34.28	1,000 798
2006	121,725.95	33,930	33,184	100,715	35.09	2,870
2007	16,368.60	4,245	4,152	13,853	35.92	386
2008	34,601.54	8,301	8,118	29,944	36.75	815
2009	138,396.24	30,479	29,808	122,428	37.59	3,257
2010	271,456.87	54,447	53,249	245,354	38.43	6,384
2011	59,622.70	10,773	10,536	55,049	39.28	1,401
2012	381,254.84	61,213	59,866	359,514	40.14	8,957
2013	846,944.30	118,737	116,125	815,514	41.01	19,886
2014	298,661.79	35,790	35,003	293,525	41.88	7,009
2015	117,062.74	11,645	11,389	117,380	42.75	2,746
2016	1,061,552.88	83,479	81,643	1,086,065	43.64	24,887

ACCOUNT 357 OTHER EQUIPMENT

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA 4 ALVAGE PERCENT					
2017 2018 2019	181,596.42 190,175.27 374,485.80	10,497 7,033 5,961	10,266 6,878 5,830	189,490 202,315 406,104	44.53 45.42 46.32	4,255 4,454 8,767
	4,967,137.16	842,258	823,728	4,640,123		116,840
	COMPOSITE REMAININ	NG LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	39.7	2.35

ACCOUNT 365.2 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1941	190.15	166	190			
1942	10,446.81	9,086	10,447			
1947	391.73	329	392			
1948	13,137.32	10,930	13,137			
1949	11,311.93	9,329	11,312			
1952	6,225.01	4,987	6 , 225			
1953	22,843.90	18,111	22,844			
1956	632.50	485	632			
1960	58,857.92	42,959	58 , 858			
1962	8,796.11	6 , 251	8,796			
1970	26,318.99	16,553	26,319			
1971	3,075.02	1,900	3,066	9	28.65	
1972	25.84	16	26			
1979	57,934.38	30 , 527	49,256	8,678	35.48	245
1981	471.44	237	382	89	37.27	2
	220,659.05	151,866	211,882	8,777		247

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.5 0.11

ACCOUNT 367 MAINS

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	OR CURVE IOWA LVAGE PERCENT					
1947	59.30	67	63	20	12.37	2
1952	33,584.33	36,660	34,428	12,590	14.32	879
1953	124,032.39	134,242	126,070	47 , 575	14.75	3,225
1955	74,966.00	79 , 683	74,832	30,120	15.65	1,925
1956	134,786.00	141,903	133,265	55,435	16.12	3,439
1957	251,944.76	262,644	246,656	106,067	16.60	6,390
1958	1,690,487.00	1,744,434	1,638,242	728,440	17.09	42,624
1959	933,368.69	952 , 897	894,889	411,827	17.60	23,399
1960	6,725.00	6,790	6 , 377	3,038	18.12	168
1961	2,353.76	2,349	2,206	1,089	18.66	58
1962	250,698.00	247,249	232,198	118,779	19.21	6 , 183
1963	195,465.81	190,421	178,829	94,823	19.77	4,796
1964	1,567.00 106,461.50	1,507	1,415	779 54 123	20.34	38
1965 1966	3,104.25	101,076 2,907	94,923 2,730	54,123 1,616	20.92 21.52	2 , 587
1967	208,781.00	192,779	181,044	111,249	22.13	5 , 027
1968	1,245,718.48	1,133,865	1,064,841	679,165	22.74	29,867
1969	168,504.11	151,088	141,891	94,015	23.37	4,023
1970	1,020,080.26	900,596	845,772	582,340	24.01	24,254
1971	125,107.34	108,702	102,085	73,065	24.66	2,963
1972	1,103,892.49	943,435	886,003	659,446	25.32	26,044
1973	812,254.56	682,464	640,919	496,237	25.99	19,093
1975	2,554.37	2,071	1,945	1,631	27.35	60
1976	485.00	386	363	316	28.05	11
1977	107,901.93	84,246	79 , 118	71,945	28.75	2,502
1978	55,002.49	42,092	39,530	37,473	29.47	1,272
1979	114,982.18	86,209	80,961	80,014	30.19	2,650
1980	22,508.92	16,522	15 , 516	15 , 996	30.92	517
1981	48,287.91	34,686	32 , 574	35 , 029	31.65	1,107
1982	212,233.21	149,021	139,949	157 , 177	32.40	4,851
1983	1,552.34	1,065	1,000	1,173	33.15	35
1984	117,364.00	78,591	73,807	90,503	33.91	2,669
1985	114,742.25	74,932	70,371	90,268	34.68	2,603
1986	11,774.72	7,492	7,036	9,449	35.46	266
1987	7,053.00	4,369	4,103	5,771	36.24	159
1989	94,983.34	55,604	52,219	80,758	37.82	2,135
1991	1,285,435.90	707,661	664,582	1,135,028	39.44	28 , 779
1993	3,848.65	1,983	1,862	3,526	41.08	86
1996 1998	215,895.03	99,604	93,541	208,712	43.58	4,789
	421,441.74	179,000	168,103	421,915	45.28	9,318
1999	3,277.53	1,331	1,250	3,339	46.14	72

ACCOUNT 367 MAINS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
2003	300,010.47	99,317	93,271	326,744	49.63	6,584
2004	7,671.74	2,393	2,247	8,493	50.52	168
2005	188,063.30	55,048	51,697	211,592	51.41	4,116
2007	7,816.74	1,987	1,866	9,077	53.20	171
2009	529,281.49	113,883	106,950	634,044	55.01	11,526
2010	2,994,676.90	585,657	550,005	3,642,543	55.92	65,138
2011	1,107,986.61	194,735	182,881	1,368,300	56.84	24,073
2012	4,934,903.07	769,509	722,665	6,186,199	57.76	107,102
2013	11,508,605.19	1,566,574	1,471,209	14,640,838	58.68	249,503
2014	14,990,818.79	1,740,254	1,634,316	19,352,830	59.61	324,657
2015	920,497.25	88,430	83,047	1,205,649	60.54	19,915
2016	3,300,755.92	250,970	235,692	4,385,366	61.47	71,342
2017	1,844,547.92	102,907	96,643	2,485,724	62.41	39,829
2018	2,288,065.07	81,300	76,351	3,126,940	63.35	49,360
2019	3,697,018.59	56,520	53,079	5,122,747	64.29	79,682
2020	248,797.09	644	605	347,711	64.88	5,359
	60,204,782.68	15,354,751	14,420,032	69,866,664		1,329,465

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 52.6 2.21

ACCOUNT 374.22 OTHER DISTRIBUTION LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1914	14,904.32	13,629	14,904			
1957	5,219.36	3,804	5,219			
1958	19,774.35	14,272	19,774			
1960	4,795.00	3 , 390	4,795			
1962	400.00	277	400			
1964	20,823.97	14,060	20,824			
1979	4,600.00	2,426	4,600			
1990	3,501.23	1,379	3,502			
	74,018.23	53,237	74,018			

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

ACCOUNT 375.1 STRUCTURES AND IMPROVEMENTS - CITY GATE STATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1950	3,579.00	3 , 982	2,992	1,303	3.64	358
1952	717.00	789	593	267	4.15	64
1955	781.00	845	635	302	4.94	61
1962	675.00	697	524	286	6.99	41
1965	5,389.72	5,424	4,075	2,393	8.07	297
1969	24,996.25	24,152	18,145	11,850	9.74	1,217
1970	925.82	884	664	447	10.21	44
1971	1,531.01	1,444	1,085	752	10.69	70
1972	402.78	375	282	201	11.19	18
1994	8,479.00	4,827	3 , 626	6 , 549	26.28	249
2001	26,343.08	11,210	8,422	23,190	32.27	719
2003	27,404.15	10,484	7 , 877	25 , 008	34.06	734
2004	37,769.79	13,633	10,242	35 , 082	34.96	1,003
2006	15,450.34	4,895	3 , 678	14,862	36.80	404
2010	160,898.55	36,492	27,416	165,662	40.55	4,085
2013	183,680.95	29 , 007	21,793	198,624	43.42	4,574
2017	20,520.00	1,330	999	23,625	47.30	499
	519,543.44	150,470	113,048	510,404		14,437

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.4 2.78

ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1906	3,040.56	3,345	3,649			
1911	792.00	854	950			
1914	17,930.00	19,113	21,516			
1915	405.00	430	486			
1916	351.00	371	421			
1920	1,286.00	1,339	1,536	7	5.57	1
1924	1,047.00	1,071	1,228	28	6.19	5
1926	3,649.41	3,701	4,245	134	6.51	21
1928	5,135.00	5,158	5,916	246	6.84	36
1929	1,476.15	1,476	1,693	78	7.01	11
1941	3,121.00	2,924	3,354	391	9.21	42
1942	153.00	142	163	21	9.41	2
1943 1944	1,494.00 193.00	1,383 178	1,586 204	207 28	9.61 9.81	22
1944	4,247.00	3 , 881	4,451	645	10.02	64
1945	1,820.00	1,619	1,857	327	10.02	30
1950	4,663.00	4,118	4,723	873	11.09	79
1951	18,339.00	16,076	18,439	3 , 568	11.32	315
1953	4,464.00	3,856	4,423	934	11.77	79
1954	10,304.98	8,833	10,131	2,235	12.00	186
1955	2,847.00	2,422	2,778	638	12.23	52
1957	2,370.00	1,983	2,274	570	12.71	45
1958	1,040.00	863	990	258	12.95	20
1959	60.00	49	56	16	13.19	1
1960	891.26	727	834	236	13.44	18
1961	1,321.53	1,069	1,226	360	13.68	26
1964	3,530.00	2,780	3,189	1,047	14.44	73
1965	15,910.59	12,415	14,240	4,853	14.69	330
1966	4,398.06	3 , 399	3,899	1,379	14.95	92
1967	1,040.00	796	913	335	15.21	22
1968	2,730.00	2,069	2,373	903	15.47	58
1969	5,172.31	3,882	4,453	1,754	15.73	112
1970	2,582.33	1,919	2,201	898	15.99	56
1975	8,524.00	6,016	6,900	3,329	17.30	192
1976	314.00	219	251	126	17.56	7
1977	1,318.00	910	1,044	538	17.83	30
1982 1983	1,692.00 833.33	1,102 536	1,264	766 385	19.20 19.48	40 20
1983	1,225.00	757	615 868	602	20.38	30
1989	11,245.00	6 , 635	7,610	5 , 884	21.35	276
1909	16,080.00	8,986	10,307	8,989	22.44	401
1 / / /	10,000.00	0, 500	10,307	0, 303	44.44	401

ACCOUNT 375.2 STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1993	4,615.00	2,526	2,897	2,641	22.84	116
1994	208,970.52	111,949	128,401	122,364	23.25	5,263
1996	7,807.56	3,984	4,570	4,799	24.14	199
2002	7,827.00	3,263	3,743	5 , 649	27.41	206
2010	59,133.02	14,867	17,052	53 , 908	33.20	1,624
2013	12,074.40	2,166	2,484	12,005	35.72	336
2014	39,540.71	6,100	6,996	40,453	36.60	1,105
2015	20,230.73	2,595	2,976	21,301	37.51	568
2016	148,067.41	15,103	17,323	160,358	38.43	4,173
2017	64,116.05	4,836	5 , 547	71,392	39.36	1,814
2018	23,850.05	1,152	1,321	27,299	40.31	677
	765,267.96	307,943	352,566	565,756		18,878

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.0 2.47

ACCOUNT 376 MAINS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
			(1)	(0)	(0)	(' /
	OR CURVE IOWA					
NET SAI	LVAGE PERCENT	-40				
1942	1,143.05	1,318	1,350	250	11.81	21
1943	1,245.45	1,428	1,463	281	12.14	23
1944	3,280.08	3,737	3,828	764	12.48	61
1945	2,890.66	3,271	3,351	696	12.84	54
1946	760.86	855	876	189	13.21	14
1947	221.39	247	253	57	13.58	4
1948	2,519.13	2,791	2,859	668	13.98	48
1949	123,585.05	135,884	139,206	33,813	14.38	2,351
1950	18,214.46	19,867	20,353	5,147	14.80	348
1951	230,994.13	249,882	255,991	67,401	15.23	4,426
1952	130,305.26	139,761	143,178	39,249	15.67	2,505
1953	4,644.60	4,938	5,059	1,443	16.12	90
1954 1955	959,381.92 932,324.83	1,010,561 972,506	1,035,268 996,282	307 , 867	16.59 17.08	18,557
1956	1,673,550.03	1,728,550	1,770,811	308,973 572,159	17.57	18,090 32,565
1957	813,837.25	831,913	852,252	287,120	18.08	15,881
1958	1,459,484.98	1,476,044	1,512,131	531,148	18.60	28,556
1959	654,291.44	654,469	670,470	245,538	19.13	12,835
1960	1,294,957.64	1,280,426	1,311,731	501,210	19.68	25,468
1961	1,365,428.84	1,334,412	1,367,036	544,564	20.23	26,919
1962	979,160.64	945,252	968,362	402,463	20.80	19,349
1963	1,656,169.42	1,578,760	1,617,358	701,279	21.38	32,801
1964	1,632,802.10	1,536,346	1,573,907	712,016	21.97	32,409
1965	1,366,372.63	1,268,248	1,299,255	613,667	22.58	27 , 177
1966	2,526,976.21	2,313,275	2,369,831	1,167,936	23.19	50,364
1967	1,044,078.61	942,262	965,299	496,411	23.81	20,849
1968	2,284,792.45	2,031,404	2,081,069	1,117,640	24.45	45,711
1969	1,526,449.29	1,336,754	1,369,436	767,593	25.09	30,594
1970	1,598,140.73	1,377,498	1,411,176	826,221	25.75	32,086
1971	2,007,093.21	1,702,312	1,743,931	1,065,999	26.41	40,363
1972 1973	4,432,044.14 2,054,360.62	3,696,981	3,787,367	2,417,495	27.08 27.76	89 , 272
1973	1,096,707.14	1,684,448 883,417	1,725,630 905,015	1,150,475 630,375	28.45	41,444 22,157
1975	958,810.32	758,325	776,865	565,469	29.15	19,399
1976	556,206.25	431,651	442,204	336,485	29.86	11,269
1977	926,396.75	704,999	722,235	574,720	30.58	18,794
1978	309,562.91	230,927	236,573	196,815	31.30	6,288
1979	1,257,937.72	919,195	941,668	819,445	32.03	25,584
1980	1,302,679.70	931 , 755	954 , 535	869,217	32.77	26,525
1981	2,701,017.03	1,889,577	1,935,775	1,845,649	33.52	55,061
1982	3,787,173.19	2,590,101	2,653,425	2,648,617	34.27	77,287

ACCOUNT 376 MAINS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	JOR CURVE IOWA	67-R2.5				
	ALVAGE PERCENT					
1983	2,142,901.43	1,431,510	1,466,508	1,533,554	35.03	43,778
1984	2,380,551.27	1,551,972	1,589,916	1,742,856	35.80	48,683
1985	1,796,944.33	1,142,213	1,170,138	1,345,584	36.58	36,785
1986	5,665,517.88	3,508,916	3,594,704	4,337,021	37.36	116,087
1987	6,947,407.56	4,188,175	4,290,570	5,435,801	38.15	142,485
1988	2,129,620.37	1,248,222	1,278,739	1,702,730	38.95	43,716
1989	4,400,809.44	2,505,856	2,567,121	3,594,012	39.75	90,415
1990	4,740,663.03	2,619,131	2,683,165	3,953,763	40.56	97 , 479
1991	7,096,257.75	3,800,443	3,893,359	6,041,402	41.37	146,033
1992	5,092,123.31	2,638,789	2,703,304	4,425,669	42.20	104,874
1993	7,756,768.47	3,886,715	3,981,740	6,877,736	43.02	159,873
1994	7,585,667.31	3,667,807	3,757,480	6,862,454	43.86	156,463
1995	11,659,728.29	5,433,154	5,565,987	10,757,633	44.70	240,663
1996	7,928,365.44	3,555,238	3,642,159	7,457,553	45.54	163,758
1997	6,660,985.59	2,868,580	2,938,713	6,386,667	46.39	137,673
1998	9,229,391.83	3,808,896	3,902,018	9,019,131	47.25	190,881
1999	15,052,108.01	5,941,308	6,086,564	14,986,387	48.11	311,503
2000	11,338,312.35	4,269,373	4,373,753	11,499,884	48.98	234,787
2001	10,527,650.13	3,772,668	3,864,904	10,873,806	49.85	218,131
2002	19,586,318.03	6,658,878	6 , 821 , 678	20,599,167	50.73	406,055
2003	19,885,295.94	6,394,713	6,551,055	21,288,359	51.61	412,485
2004	8,801,443.94	2,666,732	2,731,930	9,590,092	52.50	182,668
2005	10,021,225.89	2,849,856	2,919,531	11,110,185	53.39	208,095
2006	5,773,594.88	1,533,351	1,570,839	6,512,194	54.29	119,952
2007	11,385,157.21	2,809,606	2,878,297	13,060,923	55.19	236,654
2008	10,411,005.10	2,371,273	2,429,247	12,146,160	56.10	216,509
2009	26,785,037.89	5,591,109	5,727,804	31,771,249	57.01	557 , 293
2010	4,199,991.41	796 , 856	816,338	5,063,650	57.92	87 , 425
2011	9,302,453.44	1,586,124	1,624,902	11,398,533	58.84	193,721
2012	19,437,101.54	2,940,522	3,012,414	24,199,528	59.76	404,945
2013	18,503,118.82	2,443,559	2,503,301	23,401,065	60.68	385 , 647
2014	13,909,377.64	1,566,613	1,604,914	17,868,215	61.61	290,021
2015	19,764,958.41	1,842,055	1,887,091	25,783,851	62.54	412,278
2016	16,464,362.15	1,214,510	1,244,203	21,805,904	63.47	343,562
2017	23,527,455.28	1,273,400	1,304,533	31,633,904	64.41	491,133



ACCOUNT 376 MAINS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE IOWA ALVAGE PERCENT					
2018 2019 2020	13,798,857.44 14,488,502.16 2,089,365.22	475,812 215,009 5,236	487,445 220,265 5,364	18,830,955 20,063,638 2,919,747	65.35 66.29 66.88	288,155 302,665 43,657
	443,944,388.29	146,680,527	150,266,657	471,255,487		9,180,586
	COMPOSITE REMAIN	NING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	51.3	2.07



ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIVO	R CURVE IOWA	43-S0				
NET SAL	VAGE PERCENT	-20				
1050	0 001 01	8,328	4 670	F 027	6 07	020
1950 1954	8,081.01 351.14	347	4,670 195	5 , 027 226	6.07 7.63	828 30
1955	29,380.51	28,681	16,084	19,173	8.02	2,391
1956	36,889.99	35,610	19,970	24,298	8.41	2,889
1957	30,554.69	29,154	16,349	20,317	8.81	2,306
1958	31,703.08	29 , 895	16,765	21,279	9.21	2,310
1959	10,207.22	9,511	5,334	6,915	9.61	720
1960	31,811.47	29 , 287	16,424	21,750	10.01	2,173
1961	24,607.99	22,381	12,551	16,979	10.41	1,631
1962	5,114.44	4,593	2 , 576	3 , 561	10.82	329
1963	3,847.51	3,411	1,913	2,704	11.23	241
1964	37,022.53	32,401	18,170	26,257	11.64	2,256
1965	22,142.40	19,125	10,725	15,846	12.05	1,315
1966	52,162.20	44,442	24,923	37 , 672	12.47	3,021
1967	46,193.96	38,829	21,775	33,658	12.88	2,613
1968	66,334.73	54,981	30,833	48,769	13.30	3,667
1969	5,364.22	4,383	2,458	3 , 979	13.72	290
1970 1971	81,212.29 33,662.01	65,385 26,698	36,668 14,972	60,787 25,422	14.15 14.58	4,296 1,744
1972	24,194.01	18,898	10,598	18,435	15.01	1,228
1973	52,629.18	40,478	22,700	40,455	15.44	2,620
1974	43,547.83	32,959	18,483	33,774	15.88	2,127
1975	5,669.55	4,221	2,367	4,436	16.32	272
1976	43,049.03	31,524	17,679	33,980	16.76	2,027
1977	3,331.66	2,398	1,345	2,653	17.21	154
1978	14,110.00	9 , 978	5,596	11,336	17.66	642
1979	26,898.89	18,684	10,478	21,801	18.11	1,204
1980	30,563.20	20,837	11,685	24,991	18.57	1,346
1981	12,831.08	8,583	4,813	10,584	19.03	556
1982	42,103.93	27 , 624	15,491	35,034	19.49	1,798
1983	49,454.72	31,798	17,832	41,514	19.96	2,080
1984	33,734.87	21,239	11,911	28 , 571	20.44	1,398
1985	67,849.47	41,827	23,456	57,963	20.91	2,772
1986	428,394.22	258,234	144,817	369,256	21.40	17,255
1987	133,015.17	78,398	43,965	115,653	21.88	5,286
1988	15,478.76	8,907	4,995	13,580	22.38	607
1989	80,859.14	45,424	25,474	71,557	22.87	3,129
1990	103,422.98	56,628	31,757	92,351	23.38	3,950
1991	20,655.38	11,021	6,181	18,605	23.88	779
1993	28,634.30	14,448	8,102	26,259	24.92	1,054
1994	1,398.66	685	384	1,294	25.44	51

ACCOUNT 378 MEASURING AND REGULATING STATION EQUIPMENT - GENERAL

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVIV	OR CURVE IOWA	43-S0				
NET SA	ALVAGE PERCENT	-20				
1995	71,563.07	33,990	19,061	66,815	25.98	2,572
1996	94,542.83	43,481	24,384	89,067	26.52	3,358
1997	104,900.47	46,635	26,153	99,728	27.07	3,684
1998	191,813.47	82 , 327	46,169	184,007	27.62	6,662
1999	36,984.71	15,286	8 , 572	35,810	28.19	1,270
2000	644,463.55	256,105	143,623	629 , 733	28.76	21,896
2001	60,731.35	23,151	12,983	59 , 895	29.34	2,041
2002	53,961.52	19,682	11,038	53,716	29.93	1,795
2003	478,200.93	166,414	93,324	480,517	30.53	15 , 739
2004	448,081.54	148,302	83,167	454,531	31.14	14,596
2005	764,342.39	239 , 759	134,456	782 , 755	31.76	24,646
2006	295,129.71	87,303	48,959	305,197	32.40	9,420
2007	156,989.30	43,593	24,447	163,940	33.05	4,960
2008	205,516.47	53 , 282	29 , 880	216,740	33.71	6,430
2009	1,025,400.73	246,675	138,335	1,092,146	34.38	31,767
2010	1,209,633.24	267 , 697	150,124	1,301,436	35.07	37,110
2011	1,328,079.82	267 , 597	150,067	1,443,629	35.78	40,347
2012	2,451,431.33	443,993	248,990	2,692,728	36.51	73 , 753
2013	2,159,775.62	346 , 566	194,353	2,397,378	37.25	64,359
2014	1,812,309.56	251 , 860	141,242	2,033,529	38.02	53 , 486
2015	1,477,106.45	172,715	96,858	1,675,670	38.81	43,176
2016	3,223,317.46	303,134	169,996	3,697,985	39.63	93,313
2017	609,097.54	43,007	24,118	706 , 799	40.47	17,465
2018	6,125,109.69	282,025	158,159	7,191,973	41.35	173,929
2019	3,199,411.54	65 , 191	36,559	3,802,735	42.27	89,963
2020	199,160.24	667	374	238,618	42.88	5,565
	30,245,523.95	5,222,672	2,928,855	33,365,774		930,687

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.9 3.08



ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
1950	711.35	954	479	517	1.56	331
1953	422.34	549	276	315	2.67	118
1954	324.73	417	209	246	3.05	81
1956	413.38	519	261	318	3.80	84
1957	2,161.00	2,684	1,347	1,678	4.18	401
1958	12,323.52	15 , 127	7,594	9,659	4.56	2,118
1960	8,217.38	9,847	4,943	6,561	5.33	1,231
1961	1,480.19	1,752	879	1,193	5.72	209
1962	11,428.02	13,362	6,708	9,291	6.10	1,523
1963	58,889.59	67 , 984	34,128	48,317	6.49	7,445
1964	6 , 677.00	7 , 607	3,819	5 , 529	6.89	802
1965	50,792.48	57 , 118	28 , 673	42,436	7.28	5 , 829
1967	35,618.15	38 , 976	19,566	30 , 299	8.08	3 , 750
1968	28,098.41	30,322	15,221	24,117	8.48	2,844
1969	24,963.46	26 , 561	13,333	21,616	8.88	2,434
1970	932.40	978	491	814	9.29	88
1971	3,165.49	3,271	1,642	2,790	9.69	288
1972	1,960.09	1,995	1,001	1,743	10.10	173
1973	93.49	94	47	84	10.52	8
1974	4,250.78	4,193	2,105	3,846	10.93	352
1976	8,356.00	7,974	4,003	7,695	11.78	653
1977	653.00	613	308	606	12.20	50
1979	4,457.00	4,037	2,027	4,213	13.06	323
1980	262.00	233	117	250	13.50	19
1982	108,269.22	92,667	46,518	105,059	14.38	7,306
1983	5,689.62	4,775	2,397	5,568	14.82	376
1984	21,513.10	17,689	8,880	21,238	15.27	1,391
1985	348.90 3,577.83	281 2,755	141 1,383	347	15.73	22
1987 1989	7,755.90	5,696	2,859	3,626 7,999	16.65 17.59	218 455
1909	2,821.88	2,021	1,015	2,936	18.07	162
1991	94,497.04	65,969	33,116	99,180	18.55	5,347
1991	1,466.27	941	472	1,581	20.04	79
1995	985.70	614	308	1,072	20.54	52
1997	864.00	504	253	957	21.58	44
1998	571,868.62	322,192	161,739	638 , 877	22.11	28,895
1999	25,089.19	13,623	6 , 839	28,286	22.65	1,249
2000	51,905.42	27,122	13,615	59,053	23.19	2,546
2001	590,223.87	295,911	148,546	677 , 767	23.75	28,538
2002	8,901.00	4,274	2,146	10,315	24.31	424
2003	715,286.36	327,759	164,533	836,868	24.89	33,623
-	.,	,	-, -,	,		,

ACCOUNT 379 MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA					
1111 01	111110111110111111.	10				
2004	165,090.71	72,024	36,156	194,971	25.47	7,655
2005	98,876.83	40,893	20,528	117,900	26.07	4,522
2006	34,313.25	13,412	6,733	41,306	26.67	1,549
2008	50,427.29	17,306	8,688	61,910	27.93	2,217
2009	105,907.73	33,742	16,938	131,333	28.58	4,595
2010	207,116.06	60 , 736	30,489	259,473	29.25	8,871
2011	232,441.85	62,181	31,215	294,204	29.93	9,830
2012	322,781.21	77 , 798	39,054	412,840	30.63	13,478
2013	1,876,292.54	401,114	201,357	2,425,453	31.35	77,367
2014	874,575.53	162,148	81,397	1,143,009	32.10	35,608
2015	94,410.23	14,753	7,406	124,768	32.87	3,796
2016	677,456.97	85 , 360	42,850	905,590	33.67	26,896
2017	4,940,063.93	467,320	234,592	6,681,498	34.50	193,667
2018	1,382,446.41	85 , 255	42,798	1,892,627	35.37	53 , 509
2019	169,504.50	4,618	2,318	234,988	36.28	6,477
2020	47,733.91	217	109	66,718	36.88	1,809
	13,757,154.12	3,080,837	1,546,565	17,713,451		593 , 727

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.8 4.32

ACCOUNT 380 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	R CURVE IOWA					
NET SAL	VAGE PERCENT	-55				
1947	463.61	606	719			
1948	98.10	127	152			
1949	331.22	424	513			
1950	981.17	1,243	1,521			
1951	11,923.97	14,954	18,477	5	8.78	1
1952	1,778.87	2,207	2,727	30	9.18	3
1953	4,206.76	5,164	6,381	139	9.57	15
1954	7,916.82	9,611	11,875	396	9.97	40
1955	13,045.81	15,663	19,353	868	10.37	84
1956	12,634.52	14,994	18,527	1,057	10.78	98
1958 1959	40,642.28 4,309.55	47 , 123 4 , 939	58,225	4,771 577	11.59 11.99	412 48
1959	13,029.31	14,751	6,103 18,226	1,969	12.40	159
1961	190,359.35	212,825	262,967	32,090	12.40	2,503
1962	435,278.37	480,636	593 , 876	80,805	13.23	6,108
1963	269,643.76	293,926	363,176	54,772	13.65	4,013
1964	443,497.23	477,159	589 , 580	97,841	14.07	6,954
1965	449,420.87	477,173	589 , 597	107,005	14.49	7,385
1966	243,592.87	255,188	315,311	62 , 258	14.91	4,176
1967	348,758.83	360,305	445,194	95 , 382	15.34	6,218
1968	508,571.91	518,038	640,090	148,196	15.77	9,397
1969	491,763.87	493,798	610,139	152,095	16.20	9,389
1970	560,820.82	555,013	685 , 776	183,496	16.63	11,034
1971	821,890.85	801,188	989,951	283,980	17.07	16,636
1972 1973	844,896.40 996,470.84	811,094 941,823	1,002,191 1,163,720	307,398 380,810	17.51 17.95	17,556 21,215
1973	436,534.54	405,977	501,627	175,002	18.40	9,511
1975	401,300.97	367,127	453,624	168,393	18.85	8,933
1976	349,660.85	314,578	388,694	153,280	19.30	7,942
1977	494,703.05	437,400	540,453	226,337	19.76	11,454
1978	422,304.02	366,841	453,270	201,301	20.22	9,956
1979	583,185.97	497,555	614,781	289,157	20.68	13,982
1980	1,049,697.56	878 , 955	1,086,040	540,991	21.15	25 , 579
1981	1,153,956.76	947 , 975	1,171,322	617,311	21.62	28,553
1982	1,043,962.46	840,738	1,038,819	579,323	22.10	26,214
1983	1,235,230.46	974,784	1,204,447	710,160	22.58	31,451
1984	1,421,428.86	1,098,743	1,357,611	845,604	23.06	36,670
1985	1,545,475.23	1,169,093 1,435,011	1,444,536	950,951 1,232,845	23.55	40,380
1986 1987	1,939,323.38 2,658,457.66	1,435,011	1,773,106 2,375,260	1,745,349	24.04 24.54	51,283 71,123
1988	2,806,895.10	1,982,347	2,373,280	1,743,349	25.04	75,928
1 700	2,000,090.10	1, 102, 331	2, 339, 4JI	1,001,200	20.04	10,320

ACCOUNT 380 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURVI	VOR CURVE IOWA	46-S0				
	ALVAGE PERCENT					
1989	2,621,466.29	1,806,409	2,232,007	1,831,266	25.55	71,674
1990	3,053,117.38	2,050,330	2,533,396	2,198,936	26.07	84,347
1991	4,579,866.97	2,995,407	3,701,137	3,397,657	26.59	127,780
1992	5,488,712.32	3,493,607	4,316,715	4,190,789	27.11	154,585
1993	5,889,052.38	3,643,271	4,501,641	4,626,390	27.64	167,380
1994	3,366,103.43	2,021,192	2,497,393	2,720,067	28.18	96,525
1995	3,885,822.11	2,261,224	2,793,978	3,229,046	28.73	112,393
1996	4,666,910.62	2,629,309	3,248,785	3,984,926	29.28	136,097
1997	3,690,422.93	2,009,491	2,482,936	3,237,220	29.84	108,486
1998	3,350,295.12	1,759,945	2,174,595	3,018,362	30.41	99,256
1999	8,198,530.82	4,149,326	5,126,925	7,580,798	30.98	244,700
2000	7,332,050.56	3,565,100	4,405,053	6,959,625	31.57	220,451
2001	2,491,742.78	1,162,021	1,435,798	2,426,403	32.16	75,448
2002	4,549,260.76	2,029,591	2,507,771	4,543,583	32.76	138,693
2003	7,102,975.15	3,020,487	3,732,126	7,277,485	33.38	218,019
2004	4,384,744.70	1,772,965	2,190,683	4,605,671	34.00	135,461
2005	6,445,132.92	2,469,217	3,050,975	6,938,981	34.63	200,375
2006	105,939.65	38 , 267	47 , 283	116,923	35.28	3,314
2007	9,653,141.09	3,272,270	4,043,231	10,919,138	35.94	303,816
2008	5,822,769.09	1,842,333	2,276,394	6,748,898	36.61	184,346
2009	28,688,041.53	8,409,942	10,391,360	34,075,104	37.30	913,542
2010	1,725,657.69	465,169	574 , 765	2,100,004	38.00	55 , 263
2011	16,606,896.88	4,073,722	5,033,508	20,707,182	38.72	534,793
2012	19,817,030.54	4,373,708	5,404,172	25,312,225	39.45	641,628
2013	17,723,981.10	3,457,922	4,272,623	23,199,548	40.21	576 , 960
2014	27,461,879.35	4,635,854	5,728,081	36,837,832	40.99	898,703
2015	62,151,105.91	8,816,507	10,893,713	85,440,501	41.79	2,044,520
2016	42,225,562.63	4,823,637	5,960,106	59,489,516	42.61	1,396,140
2017	57,718,873.60	4,940,216	6,104,151	83,360,103	43.46	1,918,088
2018	18,771,260.75	1,043,654	1,289,543	27,805,911	44.35	626 , 965
2019	24,133,747.63	593 , 654	733,521	36,673,788	45.27	810,112
2020	11,498,552.32	46,517	57 , 477	17,765,279	45.88	387,212
	449,459,091.83	114,121,751	141,009,250	555,652,342		14,259,475

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 39.0 3.17



ACCOUNT 381 METERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
(±)	(2)	(3)	(4)	(3)	(0)	(/)
	OR CURVE IOWA					
NET SA	ALVAGE PERCENT	-10				
1993	223,086.42	189,899	124,441	120,954	5.88	20,570
1994	1,124,618.85	935,901	613,296	623,785	6.33	98,544
1995	713,881.40	579,592	379,807	405,463	6.81	59,539
1996	1,254,149.88	990,638	649,165	730,400	7.33	99,645
1997	1,432,572.39	1,098,227	719,668	856 , 162	7.88	108,650
1998	456,837.49	339,011	222,154	280,367	8.46	33,140
1999	889,914.76	637,415	417,698	561,208	9.07	61,875
2000	1,120,206.00	772,508	506,225	726,002	9.70	74,846
2001	4,374,664.74	2,894,689	1,896,890	2,915,241	10.36	281,394
2001	271,068.20	171,564	112,426	185,749	11.04	16,825
2002	4,846,855.73	2,922,111	1,914,860	3,416,681	11.75	290,781
2003	446,260.23	255,261	167,273	323,613	12.48	25,931
2004	5,468,208.16	2,778,462	1,820,726	4,194,303	13.99	299,807
2007	1,155,128.06	548,815	359,638	911,003	14.77	61,679
2008	288,634.90	127,364	83,462	234,036	15.57	15,031
2009	3,908,431.99	1,589,098	1,041,336	3,257,939	16.39	198,776
2010	1,066,599.25	396,198	259,629	913,630	17.22	53,056
2011	3,717,964.95	1,247,377	817,406	3,272,355	18.07	181,093
2012	2,429,774.65	726,775	476,256	2,196,496	18.93	116,033
2013	2,192,117.72	574,089	376,200	2,035,129	19.81	102,732
2014	2,189,899.99	491,052	321,786	2,087,104	20.70	100,826
2015	2,362,612.99	439,807	288,206	2,310,668	21.60	106,975
2016	2,559,608.08	377,934	247,660	2,567,909	22.51	114,079
2017	5,292,265.14	575,454	377,095	5,444,397	23.43	232,369
2018	9,923,402.55	688,565	451,217	10,464,526	24.36	429,578
2019	3,370,398.62	101,250	66,349	3,641,089	25.29	143,973
2020	952,742.48	4,842	3,173	1,044,844	25.88	40,373
	302, 12.10	1, 0 12	0,210	_, 0 1 1, 0 1 1	_0.00	20,070
	64,031,905.62	22,453,898	14,714,042	55,721,054		3,368,120

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.5 5.26



ACCOUNT 383 HOUSE REGULATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1998	87,907.95	55,274	47,820	48,879	13.28	3,681
2003	2,059,371.42	1,067,617	923,641	1,341,668	16.39	81,859
2004	18,468.30	9,122	7,892	12,423	17.08	727
2005	80,423.54	37 , 670	32 , 590	55 , 876	17.80	3,139
2006	3,798,461.59	1,679,429	1,452,946	2,725,362	18.54	146,999
2007	1,180,776.85	489,798	423,745	875 , 110	19.31	45,319
2008	2,787,571.51	1,077,171	931,906	2,134,423	20.11	106,137
2009	1,810,331.08	646 , 875	559 , 639	1,431,725	20.93	68,405
2010	4,540,379.89	1,487,038	1,286,500	3,707,918	21.77	170,322
2011	5,947,817.69	1,764,408	1,526,464	5,016,135	22.64	221,561
2012	1,806,635.72	478,880	414,300	1,572,999	23.53	66,851
2014	699,408.99	139,475	120,666	648,684	25.38	25,559
2015	770,091.70	127,616	110,406	736 , 695	26.33	27,979
2016	605,810.51	79 , 754	68,998	597,394	27.29	21,891
2017	756,460.05	73,275	63,394	768,712	28.27	27,192
2018	275,647.42	17,116	14,808	288,404	29.25	9,860
2019	263,156.49	7,002	6 , 057	283,415	30.25	9,369
2020	75,215.95	320	277	82,461	30.88	2,670
	27,563,936.65	9,237,840	7,992,049	22,328,281		1,039,520

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 21.5 3.77



ACCOUNT 385 INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA AGE PERCENT					
1957	431.10	382	360	93	7.07	13
1960	7,073.43	6,118	5,774	1,653	7.93	208
1964	7,102.05	5,943	5,608	1,849	9.14	202
1968	18,406.00	14,838	14,003	5 , 323	10.45	509
1969	4,902.00	3 , 913	3,693	1,454	10.79	135
1970	7,573.75	5 , 984	5 , 647	2,305	11.14	207
1972	101.06	78	74	32	11.87	3
1974	10,965.53	8,282	7,816	3,698	12.63	293
1983	4,519.00	2,998	2,829	1,916	16.57	116
1990	2,094.65	1,206	1,138	1,061	20.33	52
2005	16,560.23	5 , 371	5 , 069	12,319	31.10	396
2009	11,863.75	2 , 876	2,714	9,743	34.61	282
2010	800,664.97	176,917	166,958	673 , 740	35.53	18,963
2014	16,362.36	2,169	2,047	15,133	39.32	385
2019	272,842.86	4,776	4,507	281 , 978	44.25	6,372
, -	1,181,462.74	241,851	228,237	1,012,299		28,136

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.0 2.38

ACCOUNT 387 OTHER EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA					
1953	8,948.41	8,322	8,948			
1987	4,390.75	2,809	3,387	1,004	15.13	66
1988	43.00	27	33	10	15.77	1
1999	630.65	274	330	301	23.74	13
2000	33,691.23	14,006	16,889	16,802	24.54	685
2002	3,408.30	1,285	1,550	1,858	26.16	71
	51,112.34	26,723	31,137	19,975		836

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.9 1.64

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA /AGE PERCENT					
2010 2016 2017	12,617.94 28,322.78 46,461.92	9,287 10,253 12,591	7,044 7,777 9,550	5,574 20,546 36,912	2.64 6.38 7.29	2,111 3,220 5,063
	87,402.64	32,131	24,371	63,032		10,394

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.1 11.89

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA /AGE PERCENT	=				
1988	64,981.07	64,981	64,981			
1991	6,968.54	6,969	6,969			
1994	96,430.59	95 , 203	92,032	4,399	0.14	4,399
2001	172,357.96	148,542	143,594	28,764	1.52	18,924
2010	109,987.48	74 , 591	72,106	37,881	3.54	10,701
2011	113,938.34	74,267	71,793	42,145	3.83	11,004
2012	108,091.77	66,231	64,025	44,067	4.26	10,344
2013	8,440.63	4,719	4,562	3 , 879	4.85	800
2014	64,881.44	31,910	30,847	34,034	5.59	6,088
2016	139,050.34	46,393	44,848	94,202	7.33	12,852
2017	272,763.87	67 , 695	65,440	207,324	8.27	25,069
2019	128,153.25	8,737	8,446	119,707	10.25	11,679
	1,286,045.28	690,238	669,643	616,402		111,860

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 5.5 8.70

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	CURVE IOWA YAGE PERCENT					
1990	3,048.64	2,905	2,566	483	0.80	483
2000	1,885.67	1,517	1,340	546	3.32	164
2004	55,993.81	40,085	35,404	20,590	4.83	4,263
2005	19,138.83	13,195	11,654	7,485	5.28	1,418
2006	5,679.65	3 , 752	3,314	2,366	5.77	410
2007	0.01					
2010	53,365.71	27 , 719	24,482	28,884	8.17	3 , 535
2011	49,270.85	23,476	20,735	28,536	8.90	3,206
2012	89,852.70	38 , 690	34,172	55,681	9.68	5 , 752
2013	22,638.61	8,643	7,634	15,005	10.51	1,428
2014	165,518.07	54,523	48,157	117,361	11.40	10,295
2015	10,229.28	2,816	2,487	7,742	12.32	628
2016	242,398.53	53,042	46,849	195,550	13.28	14,725
	719,020.36	270,363	238,794	480,226		46,307

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.4 6.44

ACCOUNT 394 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 25-SO LVAGE PERCENT					
1996	404,964.95	384,717	403,265	1,700	1.25	1,360
1997	61,102.73	55,603	58,284	2,819	2.25	1,253
1999	341,633.48	283,556	297,227	44,406	4.25	10,448
2000	464,381.10	366,861	384,549	79 , 832	5.25	15,206
2001	125,333.72	94,000	98,532	26 , 802	6.25	4,288
2002	32,467.98	23,052	24,163	8 , 305	7.25	1,146
2003	317,715.91	212,870	223,133	94,583	8.25	11,465
2004	165,137.39	104,037	109,053	56 , 084	9.25	6,063
2005	247,875.10	146,246	153,297	94 , 578	10.25	9,227
2006	90,928.58	50,011	52,422	38 , 507	11.25	3,423
2007	98,700.97	50 , 337	52 , 764	45 , 937	12.25	3,750
2008	31,925.95	15 , 005	15 , 728	16,198	13.25	1,222
2009	140,335.53	60,344	63 , 253	77,083	14.25	5,409
2010	340,141.82	132,655	139,051	201,091	15.25	13,186
2011	251,290.74	87 , 952	92,193	159 , 098	16.25	9,791
2012	823,993.71	255,438	267,754	556 , 240	17.25	32,246
2013	390,984.61	105,566	110,656	280,329	18.25	15,360
2014	764,049.57	175 , 731	184,203	579 , 847	19.25	30,122
2015	312,247.57	59 , 327	62,187	250,061	20.25	12,349
2016	652,488.74	97 , 873	102,592	549 , 897	21.25	25 , 878
2017	534,494.80	58 , 794	61,629	472,866	22.25	21,252
2018	792,166.22	55 , 452	58,125	734,041	23.25	31,572
2019	619,902.24	18 , 597	19,494	600,408	24.25	24,759
2020	17,205.40	83	87	17,118	24.88	688
	8,021,468.81	2,894,107	3,033,641	4,987,828		291,463

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 17.1 3.63

ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	R CURVE IOWA					
NET SAL	VAGE PERCENT	0				
1993	1,563.85	1,287	1,564			
1994	13,963.38	11,310	13,963			
1997	56,437.49	43,382	56,437			
1999	25,233.21	18,622	25,233			
2002	6,387.56	4,416	6 , 007	381	4.63	82
2004	408,499.25	271,244	368,985	39 , 514	5.04	7,840
2005	180,184.87	117,481	159,815	20,370	5.22	3,902
2009	15,755.75	9,117	12,402	3,354	6.32	531
2010	12,727.88	6,966	9,476	3,252	6.79	479
2011	298,583.83	151,881	206,611	91 , 973	7.37	12,479
2012	151,208.13	70,262	95,581	55 , 627	8.03	6 , 927
2014	662,841.74	239,067	325,213	337 , 629	9.59	35 , 206
2015	199,258.69	60,441	82,221	117,038	10.45	11,200
2016	710,824.97	172,965	235,292	475,533	11.35	41,897
2017	632,285.63	114,235	155 , 399	476 , 887	12.29	38,803
2018	414,627.91	48,097	65,428	349,200	13.26	26,335
2019	211,190.82	10,560	14,366	196 , 825	14.25	13,812
2020	473,306.16	3,786	5,150	468,156	14.88	31,462
	4,474,881.12	1,355,119	1,839,143	2,635,738		230,955

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.4 5.16

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1985	3,174.15	2,178	3,174			
1987	24,017.44	15 , 992	24,017			
1988	3,704.44	2,426	3,704			
1992	12,695.67	7,771	12,606	90	9.31	10
1997	4,363.43	2,429	3,940	423	10.64	40
2010	41,621.67	14,030	22,759	18,863	15.91	1,186
2011	15,607.60	4,825	7,827	7,781	16.58	469
2012	60,334.56	16,868	27,363	32,972	17.29	1,907
2013	35,451.06	8,804	14,281	21,170	18.04	1,174
2014	13,358.49	2,883	4,677	8,681	18.82	461
2017	89,239.74	9,667	15,682	73 , 558	21.40	3,437
2019	122,546.51	3,728	6,047	116,500	23.27	5,006
	426,114.76	91,601	146,077	280,038		13,690

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.5 3.21

COMMON PLANT



ACCOUNT 303 COMPUTER SOFTWARE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE 5-SQI ALVAGE PERCENT					
2015	5,834,884.75	5,834,885	5,834,885			
2016	11,967,226.76	10,172,143	9,771,239	2,195,988	0.75	2,195,988
2017	8,576,095.96	5,574,462	5,354,761	3,221,335	1.75	1,840,763
2018	12,875,804.84	5,794,112	5,565,755	7,310,050	2.75	2,658,200
2019	19,829,148.23	4,957,287	4,761,911	15,067,237	3.75	4,017,930
2020	6,272,520.99	313,626	301,265	5,971,256	4.75	1,257,107
	65,355,681.53	32,646,515	31,589,816	33,765,866		11,969,988
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	2.8	18.32



ACCOUNT 303.1 CCS SOFTWARE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)		ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	ARE - 10 YEAR LI VOR CURVE 10-S ALVAGE PERCENT	QUARE				
2010 2011	303,264.90 2,561,113.19	303,265 2,369,030	303,265 2,089,688	471,425	0.75	471,425
	2,864,378.09	2,672,295	2,392,953	471,425		471,425
INTER PROBA	ARE - SUBSEQUENT IM SURVIVOR CURVI BLE RETIREMENT Y ALVAGE PERCENT	E SQUARE EAR 12-202	7			
2012 2013 2017 2019	1,121,581.88 11,352,680.05	89,625 551,291 3,432,256 36,854	80,256 493,663 3,073,472 33,002	90,846 627,919 8,279,208 224,974	7.50 7.50 7.50 7.50	12,113 83,723 1,103,894 29,997
	12,903,339.28	4,110,026	3,680,393	9,222,946		1,229,727
	15,767,717.37	6,782,321	6,073,346	9,694,371		1,701,152
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUA	L RATE, PERCENT	5.7	10.79

ACCOUNT 390.1 STRUCTURES AND IMPROVEMENTS - GENERAL OFFICE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVI	OR CURVE IOWA	40-S0.5				
	ALVAGE PERCENT					
1983	219,282.73	146,717	164,499	76 , 712	15.67	4,895
1984	6,437,845.61	4,227,733	4,740,125	2,341,505	16.12	145,255
1985	1,795,188.95	1,156,685	1,296,873	677 , 835	16.57	40,907
1986	266,272.67	168,125	188,501	104,399	17.04	6 , 127
1988	27,664.00	16 , 752	18,782	11,648	17.98	648
1990	290,748.00	168,227	188,616	131,207	18.96	6 , 920
1991	434,338.64	245,217	274 , 937	202 , 836	19.47	10,418
1993	99,842.82	53 , 541	60,030	49,797	20.50	2,429
1994	10,415,555.81	5 , 433 , 535	6,092,067	5,365,044	21.03	255 , 114
1995	13,919,089.79	7,050,715	7,905,246	7,405,753	21.58	343 , 177
1997	26,885.45	12,791	14,341	15,233	22.70	671
1998	106,220.70	48,869	54 , 792	62 , 051	23.27	2 , 667
1999	1,831,858.92	813 , 071	911,613	1,103,432	23.86	46,246
2000	352,584.60	150 , 677	168,939	218,904	24.46	8,949
2002	1,011,742.70	397 , 590	445,777	667,140	25.71	25,949
2003	675,359.75	253,513	284,238	458 , 658	26.35	17,406
2004	654,263.07	233,719	262,045	457 , 644	27.01	16,944
2005	2,168,297.90	734,619	823 , 653	1,561,475	27.68	56,412
2006	644,103.13	206,000	230,967	477,546	28.37	16,833
2007	687,644.74	206,500	231,527	524 , 882	29.08	18,050
2008	4,292,813.54	1,204,134	1,350,072	3,372,023	29.80	113,155
2009	3,138,997.87	816,610	915,581	2,537,317	30.54	83,082
2010	1,343,049.01	321 , 694	360,683	1,116,671	31.29	35,688
2011	3,803,819.45	829 , 518	930,054	3,254,147	32.07	101,470
2012	1,578,349.20	309 , 475	346,983	1,389,201	32.87	42,263
2013	818,412.75	142,240	159,479	740 , 775	33.68	21,995
2014	902,885.82	136,065	152,556	840,618	34.52	24,352
2015	1,827,388.26	232,672	260,871	1,749,256	35.37	49,456
2016	2,171,349.93	223,920	251,059	2,137,426	36.25	58,963
2017	2,137,395.93	167,518	187,821	2,163,315	37.15	58,232
2018	5,750,815.88	305,225	342,217	5,983,680	38.07	157,176
2019	3,164,653.91	85 , 287	95 , 624	3,385,495	39.02	86,763
2020	2,278,027.85	15,661	17 , 559	2,488,272	39.75	62 , 598
	75,272,749.38	26,514,615	29,728,127	53,071,897		1,921,210

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 27.6 2.55



ACCOUNT 390.2 STRUCTURES AND IMPROVEMENTS - TRANSPORTATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1988	263,512.10	152,823	52,950	223,738	13.43	16,660
1991	7,300.00	3 , 993	1,383	6,282	14.37	437
1995	6,351.19	3,181	1,102	5 , 567	15.69	355
1998	1,382.80	641	222	1,230	16.75	73
2000	69,090.53	30,251	10,482	62,063	17.49	3,548
2003	18,752.40	7,449	2,581	17,109	18.65	917
2004	33,219.07	12,720	4,407	30,473	19.06	1,599
	399,608.09	211,058	73,127	346,461		23,589

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.7 5.90

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
			(4)	(3)	(0)	(/)
	OR CURVE IOWA LVAGE PERCENT					
1948	1,629.73	1,552	1,793			
1960	88,038.56	77,403	96,842			
1961	1,319.26	1,150	1,451			
1962	40,136.62	34,646	44,150			
1963	745.67	637	820			
1964	26,623.88	22,529	29,286			
1965	0.41	105 400	0.4.6000			
1966	223,999.35	185,428	246,399			
1968 1970	10,756.04	8,693 80,286	11,832	1 022	15 62	1 2 2
1970	101,963.00 116,433.79	90,399	110,237 124,123	1,922 3,954	15.63 16.18	123 244
1971	2,977.87	2,279	3,129	147	16.74	9
1973	33,129.08	24,973	34,289	2,153	17.31	124
1974	40,385.23	29,966	41,145	3,279	17.90	183
1975	7,351.00	5,366	7,368	718	18.50	39
1976	30,092.64	21,601	29,659	3,443	19.11	180
1977	39,478.87	27 , 840	38,226	5,201	19.74	263
1978	64,360.65	44,563	61,187	9,610	20.38	472
1979	85,956.59	58 , 399	80,185	14,367	21.03	683
1980	29,771.95	19,834	27,233	5,516	21.69	254
1981	47,899.20	31,259	42,920	9,769	22.37	437
1982	218,649.66	139 , 717	191,839	48,676	23.05	2,112
1983	25,324.52	15,828	21,733	6,124	23.75	258
1984	15,541.72	9,496	13,039	4,057	24.45	166
1985	799.00	477	655	224	25.17	9
1986	4,978,439.94	2,898,433	3,979,707	1,496,577	25.89	57,805
1987	191,999.00	108,941	149,582	61,617	26.63	2,314
1988 1989	361,751.50	199,902	274,476	123,451	27.37	4,510
1909	81,512.94 4,550.00	43,822 2,306	60,170 3,166	29,494 1,839	28.12 29.66	1,049 62
1993	10,683.00	5,081	6,976	4,775	31.22	153
1994	2,090.00	961	1,320	979	32.02	31
1995	92,623.87	41,069	56,390	45,496	32.83	1,386
1996	16,037.20	6,851	9,407	8,234	33.64	245
1997	542,034.43	222,665	305,731	290,507	34.46	8,430
1998	26,320.70	10,381	14,254	14,699	35.28	417
1999	1,196,499.56	451 , 795	620,339	695,811	36.12	19,264
2001	30,771.17	10,579	14,526	19,322	37.81	511
2002	8,828.80	2,885	3,961	5,751	38.66	149
2006	23,335.76	5 , 997	8,234	17,435	42.15	414
2009	35,062.67	7,132	9,793	28 , 776	44.83	642

ACCOUNT 390.3 STRUCTURES AND IMPROVEMENTS - STORES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
2010	119,202.74	22,101	30,346	100,777	45.73	2,204
2013	766,511.42	100,109	137,455	705,708	48.47	14,560
2017	146,912.03	8 , 285	11,376	150,227	52.18	2,879
2018	188,681.70	7,131	9,791	197 , 759	53.11	3,724
2019	300,140.68	5,642	7,747	322,408	54.06	5,964
2020	12,410.40	60	82	13,569	54.76	248
	10,389,763.80	5,096,449	6,974,369	4,454,371		132,517

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 33.6 1.28

ACCOUNT 390.4 STRUCTURES AND IMPROVEMENTS - SHOPS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA LVAGE PERCENT					
1900	22,106.14	24,317	24,317			
1906	5,314.00	5 , 845	5 , 845			
1939	143.03	146	148	9	3.10	3
1961	294.00	249	252	71	10.42	7
1964	57,176.34	46,667	47,230	15 , 664	11.61	1,349
1970	39,566.80	29 , 799	30,159	13,364	14.19	942
1972	731.63	535	541	264	15.10	17
1973	456.06	328	332	170	15.57	11
1980	32,652.53	20,713	20,963	14,955	19.05	785
1981	380.00	236	239	179	19.58	9
1984	4,338.55	2,523	2,553	2,219	21.21	105
1990	760.83	378	383	454	24.68	18
1992	1,262.14	589	596	792	25.90	31
2002	7,771.55	2,405	2,434	6,115	32.34	189
2003	114,332.94	33,509	33,913	91,853	33.01	2,783
2005	81,535.18	21,206	21,462	68 , 227	34.36	1,986
2007	14,388.56	3,260	3,299	12,528	35.73	351
2009	46,083.39	8,888	8,995	41,697	37.11	1,124
2011	57,039.17	9,049	9,158	53 , 585	38.51	1,391
2013	176,220.00	21,883	22,148	171,694	39.92	4,301
2014	21,096.37	2,254	2,281	20,925	40.63	515
2019	353,078.49	6 , 385	6,462	381,924	44.26	8,629
	1,036,727.70	241,164	243,710	896,690		24,546

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.5 2.37

ACCOUNT 390.6 STRUCTURES AND IMPROVEMENTS - MICROWAVE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
(\(\(\) \)	(2)	(3)	(4)	(3)	(0)	(/)
	OR CURVE IOWA					
NET SAI	LVAGE PERCENT	- 5				
1050	2 505 10	2 105	2 775			
1958 1960	3,595.10	3,405	3 , 775			
	10,711.00	10,009	11,247			
1961	3,163.00	2,935	3,321			
1963	370.00	338	388			
1965	3,836.00	3,438	4,028			
1967	1,335.00	1,171	1,386	16	9.04	2
1970	9,240.04	7,808	9,243	459	10.74	43
1985	1,012.66	645	764	299	21.62	14
1987	1,675.72	1,014	1,200	560	23.30	24
1990	506.10	281	333	198	25.91	8
1993	52,453.00	26,416	31,270	23,806	28.62	832
2000	533,507.00	201,464	238,479	321,703	35.22	9,134
2001	3,570.75	1,283	1,519	2,230	36.18	. 62
2002	68,104.00	23,208	27,472	44,037	37.15	1,185
2005	160,656.37	45,730	54,132	114,557	40.09	2,857
2008	50,133.90	11,437	13,538	39,103	43.05	908
2009	27,234.52	5,698	6 , 745	21,851	44.04	496
2011		24,994	29,587	123,498	46.02	
	145,795.12	,		•		2,684
2015	22,809.19	2,173	2 , 572	21,378	50.01	427
	1,099,708.47	373,447	440,999	713,695		18,676

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.2 1.70

ACCOUNT 391.1 OFFICE FURNITURE AND EQUIPMENT - FURNITURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 20-SOLVAGE PERCENT	~				
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	325,614.49 277,006.49 83,335.04 231,329.82 310,207.75 253,803.99 240,714.52 355,854.78 252,241.05 105,131.14	325,614 263,156 75,002 196,630 248,166 190,353 168,500 231,306 151,345 57,822	325,614 277,006 83,335 231,330 310,208 253,804 240,715 355,855 252,241 105,131			
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	215,754.40 33,112.97 130,866.52 905,434.84 464,069.22 532,866.39 583,664.02 915,391.14 859,993.01 735,834.90 253,938.19	107,877 14,901 52,347 316,902 139,221 133,217 116,733 137,309 85,999 36,792 3,174	215,754 33,113 130,867 857,404 376,674 360,430 315,831 371,501 232,677 99,544 8,587	48,031 87,395 172,436 267,833 543,890 627,316 636,291 245,351	13.00 14.00 15.00 16.00 17.00 18.00 19.00	3,695 6,242 11,496 16,740 31,994 34,851 33,489 12,423
•	8,066,164.67	3,052,366	5,437,621	2,628,544	· · · ·	150,930

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 17.4 1.87



ACCOUNT 391.2 OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	DR CURVE 15-SO LVAGE PERCENT	~				
2002 2003 2004 2005	135,769.88 91,975.60 73,131.57 98,246.54	135,770 91,976 73,132 98,247	135,770 91,976 73,132 98,247			
2006 2007 2008 2010	45,462.27 135,774.66 102,600.25 24,384.81	42,431 117,672 82,080 16,257	41,076 113,915 79,459 15,738	4,386 21,860 23,141 8,647	1.00 2.00 3.00 5.00	4,386 10,930 7,714 1,729
2012 2013 2014 2015	2,659.54 90,413.02 40,536.44 20,134.73	1,418 42,193 16,215 6,712	1,373 40,846 15,697 6,498	1,287 49,567 24,839 13,637	7.00 8.00 9.00 10.00	184 6,196 2,760 1,364
2016 2017 2018 2019	19,036.71 331,110.75 103,694.15 140,643.46	5,077 66,222 13,826 9,377	4,915 64,108 13,384 9,078	14,122 267,003 90,310 131,565	11.00 12.00 13.00 14.00	1,284 22,250 6,947 9,398
	1,455,574.38	818,605	805,212	650,362		75,142

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.7 5.16



ACCOUNT 391.3 OFFICE FURNITURE AND EQUIPMENT - COMPUTER EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	VOR CURVE 5-SQ ALVAGE PERCENT					
2015	2,995,793.15	2,995,793	2,995,793			
2016	2,967,692.36	2,374,154	1,081,358	1,886,334	1.00	1,886,334
2017	4,343,630.98	2,606,179	1,187,038	3,156,593	2.00	1,578,296
2018	4,716,637.89	1,886,655	859,316	3,857,322	3.00	1,285,774
2019	9,327,479.21	1,865,496	849,679	8,477,800	4.00	2,119,450
2020	511,739.54	25,587	11,654	500,086	4.75	105,281
	24,862,973.13	11,753,864	6,984,838	17,878,135		6,975,135
	COMPOSITE REMAIN	ING LIFE AND	ANNUAL ACCRUAL	RATE, PERCENT	2.6	28.05

ACCOUNT 391.31 OFFICE FURNITURE AND EQUIPMENT - PERSONAL COMPUTER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVO	OR CURVE 4-SQ	JARE				
NET SAI	LVAGE PERCENT	0				
2016	1,179,998.47	1,179,998	1,179,998			
2017	1,686,472.84	1,264,855	959 , 592	726,881	1.00	726 , 881
2018	1,456,810.28	728,405	552,610	904,200	2.00	452,100
2019	3,115,246.17	778 , 812	590 , 852	2,524,394	3.00	841,465
2020	28,844.47	1,803	1,368	27,476	3.75	7,327
	7,467,372.23	3,953,873	3,284,420	4,182,952		2,027,773

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 2.1 27.16

ACCOUNT 391.4 OFFICE FURNITURE AND EQUIPMENT - SECURITY EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOE	R CURVE 10-S	QUARE				
NET SALV	/AGE PERCENT	0				
2006	40,690.82	40,691	40,691			
2007	239,496.27	239,496	239,496			
2008	97,170.99	97,171	97,171			
2010	151,728.76	151,729	151,729			
2011	110,523.31	99,471	110,523			
2013	17,085.70	11,960	15,926	1,160	3.00	387
2014	232,553.04	139,532	185,800	46,753	4.00	11,688
2016	10,108.25	4,043	5,384	4,724	6.00	787
2019	2,168.79	217	289	1,880	9.00	209
2020	8,722.52	218	290	8,433	9.75	865
	910,248.45	784,528	847,299	62,949		13,936

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 4.5 1.53

ACCOUNT 392 TRANSPORTATION EQUIPMENT - CARS AND LIGHT TRUCKS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA JAGE PERCENT					
2017	8,649.60	2,845	238	8,412	6.04	1,393
2018	17,386.56	3,844	322	17,065	7.01	2,434
2019	23,552.93	2,617	219	23,334	8.00	2,917
2020	116,422.28	3,234	270	116,152	8.75	13,275
	166,011.37	12,540	1,049	164,962		20,019

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.2 12.06

ACCOUNT 392.1 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS AND OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
2011	112,868.01	60,255	98,363	14,505	6.06	2,394
2012	71,716.02	35 , 196	57 , 456	14,260	6.62	2,154
2017	38,030.75	8 , 279	13,515	24,516	10.17	2,411
2018	36,903.55	5 , 507	8,990	27,914	11.06	2,524
	259,518.33	109,237	178,324	81,194		9,483

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 8.6 3.65

ACCOUNT 392.2 TRANSPORTATION EQUIPMENT - TRAILERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
2010	28,059.22	8,051	3,788	24,271	18.54	1,309
2017 2019	38,564.45 4,823.43	3,916 174	1,842 82	36,722 4,741	23.36 25.06	1,572 189
	71,447.10	12,141	5,712	65,735		3,070

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 21.4 4.30

ACCOUNT 393 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVO	R CURVE 25-S	QUARE				
NET SALV	VAGE PERCENT	0				
2009	25,140.50	11,062	12,548	12,592	14.00	899
2010	13,234.95	5,294	6 , 005	7,230	15.00	482
2011	18,326.34	6,597	7,483	10,843	16.00	678
2012	121,083.00	38,747	43,952	77,131	17.00	4,537
2013	107,225.89	30,023	34,056	73,170	18.00	4,065
2014	113,858.46	27,326	30,996	82 , 862	19.00	4,361
2015	19,238.12	3,848	4,365	14,873	20.00	744
2016	4,257.14	681	772	3,485	21.00	166
2018	228,461.60	18 , 277	20,733	207 , 729	23.00	9,032
2019	5,996.21	240	272	5 , 724	24.00	238
	656,822.21	142,095	161,182	495,640		25,202

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 19.7 3.84

ACCOUNT 394 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 25-SOLVAGE PERCENT	~				
1996	26,178.38	25,131	25,147	1,031	1.00	1,031
1997	66,557.30	61,233	61,272	5 , 285	2.00	2,642
1998	88,199.73	77,616	77,666	10,534	3.00	3,511
1999	121,348.00	101,932	101,997	19,351	4.00	4,838
2000	315,891.49	252,713	252,874	63 , 017	5.00	12,603
2001	346,825.04	263 , 587	263 , 755	83 , 070	6.00	13,845
2002	260,877.56	187,832	187,952	72 , 926	7.00	10,418
2003	1,016,987.43	691 , 551	691 , 993	324,994	8.00	40,624
2004	159,776.78	102,257	102,322	57 , 455	9.00	6,384
2005	103,031.86	61,819	61 , 859	41,173	10.00	4,117
2006	127,724.69	71,526	71,572	56 , 153	11.00	5,105
2007	127,136.15	66,111	66,153	60 , 983	12.00	5 , 082
2008	3,454.86	1,658	1,659	1,796	13.00	138
2010	89,848.90	35 , 940	35 , 963	53 , 886	15.00	3 , 592
2011	96,948.10	34,901	34,923	62 , 025	16.00	3,877
2012	91,264.87	29 , 205	29,224	62,041	17.00	3,649
2013	55,160.55	15,445	15,455	39 , 706	18.00	2,206
2014	111,062.87	26 , 655	26 , 672	84,391	19.00	4,442
2015	3,342.70	669	669	2,674	20.00	134
2016	110,227.23	17,636	17,647	92 , 580	21.00	4,409
2017	123,368.72	14,804	14,813	108,556	22.00	4,934
2018	144,052.69	11,524	11,532	132,521	23.00	5,762
2019	203,766.36	8 , 151	8,156	195,610	24.00	8,150
2020	142,805.90	1,428	1,429	141,377	24.75	5,712
	3,935,838.16	2,161,324	2,162,704	1,773,134		157,205

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.3 3.99



ACCOUNT 396.1 POWER OPERATED EQUIPMENT - LARGE MACHINERY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR	CURVE IOWA	26-S2				
NET SALV	AGE PERCENT	0				
1987	26,345.55	22,080	25,519	827	4.21	196
1988	30,196.78	24,959	28,846	1,351	4.51	300
1991	63,523.57	50,135	57,943	5,581	5.48	1,018
1994	73,940.65	55,200	63,797	10,144	6.59	1,539
2009	17,905.52	7,224	8,349	9,557	15.51	616
2010	17,055.60	6,324	7,309	9,747	16.36	596
2015	27,024.46	5,176	5,982	21,042	21.02	1,001
2017	199,130.06	22,976	26,555	172 , 575	23.00	7,503
2018	132,953.79	10,227	11,820	121,134	24.00	5,047
2019	60,358.27	2,321	2,682	57 , 676	25.00	2,307
	648,434.25	206,622	238,802	409,632		20,123

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 20.4 3.10

ACCOUNT 396.2 POWER OPERATED EQUIPMENT - OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	R CURVE IOWA VAGE PERCENT					
1988 2019	14,147.08 15,250.41	10,268 635	14,147 1,137	14,113	23.00	614
	29,397.49	10,903	15,284	14,113		614

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.0 2.09

ACCOUNT 397 COMMUNICATION EQUIPMENT - MICROWAVE, FIBER AND OTHER

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE IOWA ALVAGE PERCENT					
1993 1994 1996 1997 1998 1999 2002 2004 2005 2007 2008 2009 2010 2011 2012 2013	51,737.32 458,908.15 107,093.18 319,442.07 165,606.43 75,350.11 2,745,527.18 300,406.97 1,850,374.74 430,388.32 777,778.02 859,091.85 882,566.09 548,899.73 607,513.31 507,011.53	37,768 329,496 74,376 218,498 111,619 50,070 1,743,410 182,948 1,095,422 235,422 403,667 418,807 399,802 227,793 227,817 168,581	51,737 458,908 107,093 319,442 165,606 75,350 2,745,527 300,407 1,850,375 430,388 777,778 859,092 882,566 548,900 600,814 444,593 778,753	6,699 62,419	12.50 13.35	536 4,676
2014 2015 2016 2017 2018 2019	1,023,529.77 288,072.86 6,485,126.20 523,827.81 1,507,567.28 369,107.77	295,288 70,002 1,274,327 77,788 150,003 18,455	778,753 184,614 3,360,741 205,148 395,598 48,671	244,777 103,459 3,124,385 318,680 1,111,969 320,437	14.23 15.14 16.07 17.03 18.01 19.00	17,201 6,833 194,423 18,713 61,742 16,865
	20,884,926.69	7,811,359	15,592,101	5,292,826		320,989

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 16.5 1.54

ACCOUNT 397.1 COMMUNICATION EQUIPMENT - RADIO AND TELEPHONE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AS OF JUNE 30, 2020

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
	OR CURVE 10-S ALVAGE PERCENT					
1986	7,741.11	7,741	7,741			
1991	329.87	330	330			
1994	2,680.51	2,681	2,681			
1995	59,232.90	59,233	59,233			
1996	6,026.30	6,026	6,026			
1997	3.00	3	3			
1999	380,560.16	380,560	380,560			
2000	411,185.55	411,186	411,186			
2001	149,078.15	149,078	149,078			
2002	39,634.92	39,635	39,635			
2003	1,180,207.78	1,180,208	1,180,208			
2004	9,689.11	9,689	9,689			
2005	304,328.51	304,329	304,329			
2006	881,357.34	881,357	881,357			
2007	1,029,803.94	1,029,804	1,029,804			
2010	4,230,214.64	4,230,215	4,230,215	126 600	1 00	126 600
2011	679,061.08	611,155	542,453	136,608	1.00	136,608
2012	77,616.12	62 , 093	55,113	22,503	2.00	11,252
2013 2014	105,221.70	73,655	65 , 375	39,847	3.00	13,282
2014	231,950.13 3,681,372.58	139,170 1,840,686	123,525 1,633,768	108,425	4.00 5.00	27,106
2015	128,316.29	51,327	45,557	2,047,605 82,759	6.00	409,521
2016	688,762.64	206,629	183,401	505 , 362	7.00	13,793 72,195
2017	581,802.63	116,361	103,401	478,523	8.00	
						59,815
2019	2,191,117.75	219,112	194,481	1,996,637	9.00	221,849
2020	1,351,504.98	33 , 788	29,990	1,321,515	9.75	135,540
	18,408,799.69	12,046,051	11,669,018	6 , 739 , 782		1,100,961

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.1 5.98



		PROBABLE		NET		воок		CALCULATE	D ANNUAL	COMPOSITE
	ACCOUNT	RETIREMENT DATE	SURVIVOR CURVE	SALVAGE PERCENT	ORIGINAL COST	DEPRECIATION RESERVE	FUTURE ACCRUALS	ACCRUAL AMOUNT	ACCRUAL RATE	REMAINING LIFE
	(1)	(2)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
	DEPRECIABLE PLANT									
	STEAM PRODUCTION PLANT									
311.00	STRUCTURES AND IMPROVEMENTS	='								
311.00	RIVERPORT DISTRIBUTION CENTER	06-2063	95-R2.5	* (30)	6,649,648.52	676,608	7,967,935	195,681	2.94	40.7
	MILL CREEK UNIT 1	12-2024	95-R2.5	* (7)	19,599,299.93	17,879,774	3,091,477	888,067	4.53	3.5
	MILL CREEK UNIT 2	06-2028	95-R2.5	* (7)	20,598,525.44	11,628,704	10,411,719	1,496,857	7.27	7.0
	MILL CREEK UNIT 2 SCRUBBER MILL CREEK UNIT 3	06-2028 06-2039	95-R2.5 95-R2.5	* (7) * (7)	465.17 27,295,474.90	498 20,958,000	0 8,248,158	0 467,683	- 1.71	- 17.6
	MILL CREEK UNIT 3 SCRUBBER	06-2039	95-R2.5	* (7)	135,376.33	144,853	0,240,130	0 000	-	-
	MILL CREEK UNIT 4	06-2039	95-R2.5	* (7)	74,054,846.18	44,352,599	34,886,086	1,977,008	2.67	17.6
	MILL CREEK UNIT 4 SCRUBBER	06-2039	95-R2.5	* (7)	2,476,547.45	2,314,957	334,949	19,027	0.77	17.6
	TRIMBLE COUNTY UNIT 1 TRIMBLE COUNTY UNIT 1 SCRUBBER	06-2045 06-2045	95-R2.5 95-R2.5	* (11) * (11)	108,290,911.03	68,988,066	51,214,845	2,207,736 33,692	2.04 3.79	23.2 23.6
	TRIMBLE COUNTY UNIT 1 SCRUBBER TRIMBLE COUNTY UNIT 2	06-2045	95-R2.5 95-R2.5	* (11)	889,015.22 19,429,821.02	191,409 3,615,244	795,398 17,951,857	414,332	2.13	43.3
	TRIMBLE COUNTY UNIT 2 SCRUBBER	06-2066	95-R2.5	* (11)	252,621.17	24,291	256,118	5,881	2.33	43.6
	TRIMBLE COUNTY TRAINING CENTER	06-2066	95-R2.5	* (5)	747,626.00	38,156	746,851	17,120	2.29	43.6
	TOTAL ACCOUNT 311 - STRUCTURES AND IMPROVEMENTS				280,420,178.36	170,813,159	135,905,393	7,723,084	2.75	17.6
311.20	STRUCTURES AND IMPROVEMENTS - RETIRED PLANT CANE RUN UNIT 1	FULLY ACCRUED	95-R2.5	* (10)	CE 000 E0	70 477	0	0		
	CANE RUN UNIT 2	FULLY ACCRUED	95-R2.5 95-R2.5	* (10)	65,888.59 373.59	72,477 411	0	0		
	CANE RUN UNIT 3	FULLY ACCRUED	95-R2.5	* (10)	249.15	274	0	0	-	_
	CANE RUN UNIT 4	FULLY ACCRUED	95-R2.5	* (10)	491.62	541	0	0	-	-
	CANE RUN UNIT 4 SCRUBBER	FULLY ACCRUED	30-112.0	* (10)	17,565.79	19,322	0	0	-	-
	CANE RUN UNIT 5 AND UNIT 5 SCRUBBER CANE RUN UNIT 6 AND UNIT 6 SCRUBBER	FULLY ACCRUED FULLY ACCRUED	95-R2.5 95-R2.5	* (10) * (10)	204,433.27 7,993,797.66	224,877 8,793,177	0	0 0	-	-
	TOTAL ACCOUNT 311.2 - STRUCTURES AND IMPROVEMENTS - RETIRE	D PLANT			8,282,799.67	9,111,079	0	0	-	-
312.00	BOILER PLANT EQUIPMENT									
	MILL CREEK UNIT 1	12-2024	57-R1	* (7)	188,532,571.24	89,942,711	111,787,141	32,300,004	17.13	3.5
	MILL CREEK UNIT 1 SCRUBBER	12-2024	57-R1	* (7)	16,895,300.89	11,431,875	6,646,097	1,925,702	11.40	3.5
	MILL CREEK UNIT 2 MILL CREEK UNIT 2 SCRUBBER	06-2028 06-2028	57-R1 57-R1	* (7) * (7)	218,168,581.75 114,154,504.02	67,301,714 26,796,946	166,138,668 95,348,373	24,289,129 13,898,818	11.13 12.18	6.8 6.9
	MILL CREEK UNIT 3	06-2039	57-R1	* (7)	313,971,985.92	93,159,274	242,790,751	14,429,089	4.60	16.8
	MILL CREEK UNIT 3 SCRUBBER	06-2039	57-R1	* (7)	149,926,264.34	21,621,469	138,799,634	8,145,784	5.43	17.0
	MILL CREEK UNIT 4	06-2039	57-R1	* (7)	794,194,259.73	187,758,318	662,029,540	39,083,388	4.92	16.9
	MILL CREEK UNIT 4 SCRUBBER	06-2039	57-R1	* (7)	194,606,157.93	34,534,924	173,693,665	10,271,079	5.28	16.9
	TRIMBLE COUNTY UNIT 1	06-2045	57-R1	* (11)	326,463,738.41	102,870,940	259,503,810	12,040,524	3.69	21.6
	TRIMBLE COUNTY UNIT 1 SCRUBBER TRIMBLE COUNTY UNIT 2	06-2045 06-2066	57-R1 57-R1	* (11) * (11)	68,410,135.45 299,242,935.24	32,876,938 36,058,498	43,058,312 296,101,160	2,049,024 7,832,132	3.00 2.62	21.0 37.8
	TRIMBLE COUNTY UNIT 2 SCRUBBER	06-2066	57-R1	* (11)	15,352,427.57	4,295,482	12,745,713	344,432	2.24	37.0
	TOTAL ACCOUNT 312 - BOILER PLANT EQUIPMENT				2,699,918,862.49	708,649,088	2,208,642,864	166,609,105	6.17	13.3
312.10	BOILER PLANT EQUIPMENT - ASH PONDS									
	MILL CREEK UNIT 1	05-2021	100-S4	* 0	411,750.29	411,750	0	0	**	**
	TRIMBLE COUNTY UNIT 1 TRIMBLE COUNTY UNIT 2	09-2024 09-2023	100-S4 100-S4	* 0 * 0	4,846,362.74 5,057,242.50	4,560,242 4,857,670	286,121 199,572_	88,037 88,699	**	**
	TOTAL ACCOUNT 312.1 - BOILER PLANT EQUIPMENT - ASH PONDS				10,315,355.53	9,829,662	485,693	176,736	**	**
314.00	TURBOGENERATOR UNITS									
	MILL CREEK UNIT 1	12-2024	62-R2	* (7)	27,258,907.36	16,012,228	13,154,803	3,801,388	13.95	3.5
	MILL CREEK UNIT 2	06-2028	62-R2	* (7) * (7)	36,592,297.33	15,668,031	23,485,727	3,411,574	9.32	6.9
	MILL CREEK UNIT 3 MILL CREEK UNIT 4	06-2039 06-2039	62-R2 62-R2	* (7) * (7)	40,514,590.86 58,409,814.91	20,560,569 27,916,779	22,790,044 34,581,723	1,332,558 2,032,592	3.29 3.48	17.1 17.0
	TRIMBLE COUNTY UNIT 1	06-2039	62-R2 62-R2	* (11)	59,471,163.62	32,445,859	34,581,723	2,032,592 1,536,001	2.58	21.9
	TRIMBLE COUNTY UNIT 2	06-2066	62-R2	* (11)	23,557,173.83	5,801,745	20,346,718	525,989	2.23	38.7
	TOTAL ACCOUNT 314 - TURBOGENERATOR UNITS				245,803,947.91	118,405,211	147,926,148	12,640,102	5.14	11.7

		PROBABLE		NET		воок		CALCULATE	D ANNUAL	COMPOSITE
	ACCOUNT	RETIREMENT DATE	SURVIVOR CURVE	SALVAGE PERCENT	ORIGINAL COST	DEPRECIATION RESERVE	FUTURE ACCRUALS	ACCRUAL AMOUNT	ACCRUAL RATE	REMAINING LIFE
	(1)	(2)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
315.00	ACCESSORY ELECTRIC EQUIPMENT									
	MILL CREEK UNIT 1	12-2024	70-R3	* (7)	18,157,222.87	13,940,289	5,487,939	1,576,802	8.68	3.5
	MILL CREEK UNIT 1 SCRUBBER	12-2024	70-R3	* (7)	202,167.22	77,298	139,021	40,179	19.87	3.5
	MILL CREEK UNIT 2	06-2028	70-R3	* (7)	13,536,061.93	6,975,793	7,507,793	1,082,434	8.00	6.9
	MILL CREEK UNIT 2 SCRUBBER	06-2028	70-R3	* (7)	5,652,402.38	1,521,098	4,526,973	647,636	11.46	7.0
	MILL CREEK UNIT 3	06-2039	70-R3	* (7)	26,823,882.22	15,297,303	13,404,251	759,783	2.83	17.6
	MILL CREEK UNIT 3 SCRUBBER	06-2039	70-R3	* (7)	1,088,905.01	1,137,975	27,153	1,604	0.15	16.9
	MILL CREEK UNIT 4	06-2039	70-R3	* (7)	33,595,267.85	19,851,542	16,095,394	925,028	2.75	17.4
	MILL CREEK UNIT 4 SCRUBBER	06-2039	70-R3	* (7)	8,052,008.04	1,012,370	7,603,279	425,993	5.29	17.8
	TRIMBLE COUNTY UNIT 1	06-2045	70-R3	* (11)	65,513,233.78	34,067,828	38,651,861	1,688,712	2.58	22.9
	TRIMBLE COUNTY UNIT 1 SCRUBBER	06-2045	70-R3	* (11)	2,736,920.21	2,485,659	552,322	24,751	0.90	22.3
	TRIMBLE COUNTY UNIT 2	06-2066	70-R3	* (11)	11,108,163.38	2,338,749	9,991,312	235,888	2.12	42.4
	TRIMBLE COUNTY UNIT 2 SCRUBBER	06-2066	70-R3	* (11)	313,916.26	1,443	347,004	7,968	2.54	43.5
	TOTAL ACCOUNT 315 - ACCESSORY ELECTRIC EQUIPMENT				186,780,151.15	98,707,347	104,334,302	7,416,778	3.97	14.1
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT									
310.00	RIVERPORT DISTRIBUTION CENTER	06-2063	43-R2.5	* (5)	1,930,485.14	180,952	1,846,057	52,417	2.72	35.2
	MILL CREEK UNIT 1	12-2024	43-R2.5	* (7)	942,383.07	582,599	425,751	125,189	13.28	3.4
	MILL CREEK UNIT 2	06-2028	43-R2.5	* (7)	74,667.78	32,171	47,724	6,910	9.25	6.9
	MILL CREEK UNIT 3	06-2039	43-R2.5	* (7)	736,664.58	308,691	47,724	27,788	3.77	17.3
	MILL CREEK UNIT 3 MILL CREEK UNIT 4	06-2039	43-R2.5 43-R2.5	* (7)	14,654,123.30	4,685,769	10,994,143	654,092	4.46	16.8
	MILL CREEK UNIT 4 MILL CREEK UNIT 4 SCRUBBER	06-2039	43-R2.5	* (7)	43,211.57	44,522	1,714	102	0.24	16.8
	TRIMBLE COUNTY UNIT 1	06-2039	43-R2.5 43-R2.5	* (11)	6,649,557.92	1,912,032	5,468,977	255,000	3.83	21.4
	TRIMBLE COUNTY UNIT 2	06-2066		* (11)	4,657,443.52	543.933	4.625.829	132,412	2.84	34.9
	TRIVIBLE COUNTY ONLY 2	00-2000	45-NZ.5	(11)	4,007,443.32	343,933	4,025,029	132,412	2.04	34.9
	TOTAL ACCOUNT 316 - MISCELLANEOUS PLANT EQUIPMENT				29,688,536.88	8,290,669	23,889,735	1,253,910	4.22	19.1
	TOTAL STEAM PRODUCTION PLANT				3,461,209,831.99	1,123,806,215	2,621,184,135	195,819,715	5.66	
	HYDROELECTRIC PRODUCTION PLANT									
331.00	STRUCTURES AND IMPROVEMENTS									
331.00		10 2045	OF DO	* (2)	745 254 40	22.054	706 000	20.020	4.45	22.0
	OHIO FALLS - NON-PROJECT OHIO FALLS - PROJECT 289	10-2045	95-R2 95-R2	* (2) * (2)	745,251.40 6,940,441.61	23,954 2,842,760	736,202 4,236,490	30,920 186,280	4.15 2.68	23.8 22.7
	ONIO PALLS - PROJECT 209	10-2045	95-R2	(2)	0,940,441.61	2,042,760	4,236,490	100,200	2.00	22.1
	TOTAL ACCOUNT 331 - STRUCTURES AND IMPROVEMENTS				7,685,693.01	2,866,714	4,972,692	217,200	2.83	22.9
332.00	RESERVOIRS, DAMS AND WATERWAYS									
	OHIO FALLS - PROJECT 289	10-2045	90-R2.5	* (2)	19,384,087.20	2,169,419	17,602,350	736,244	3.80	23.9
	TOTAL ACCOUNT 332 - RESERVOIRS, DAMS AND WATERWAYS				19,384,087.20	2,169,419	17,602,350	736,244	3.80	23.9
333.00	WATER WHEELS, TURBINES AND GENERATORS OHIO FALLS - PROJECT 289	10-2045	80-R3	* (2)	117,035,131.04	13,679,867	105,695,967	4,387,845	3.75	24.1
	OTHE TREES TROUBET 200	10 2040	00 110	(2)	117,000,101.04	10,070,007	100,000,001	4,007,040	5.76	24.1
	TOTAL ACCOUNT 333 - WATER WHEELS, TURBINES AND GENERATORS				117,035,131.04	13,679,867	105,695,967	4,387,845	3.75	24.1
334.00	ACCESSORY ELECTRIC EQUIPMENT OHIO FALLS - PROJECT 289	10 2045	80-R4	* (2)	6 F60 706 0F	1,040,418	E 650 754	225 407	2.50	24.0
	ONIO FALLS - PROJECT 209	10-2045	0U-R4	* (2)	6,568,796.25	1,040,416	5,659,754	235,407	3.58	24.0
	TOTAL ACCOUNT 334 - ACCESSORY ELECTRIC EQUIPMENT				6,568,796.25	1,040,418	5,659,754	235,407	3.58	24.0
335.00	MISCELLANEOUS POWER PLANT EQUIPMENT									
	OHIO FALLS - NON-PROJECT	10-2045	70-R3	* (2)	19,946.77	3,858	16,488	684	3.43	24.1
	OHIO FALLS - PROJECT 289	10-2045	70-R3	* (2)	179,682.14	115,200	68,076	2,840	1.58	24.0
	TOTAL ACCOUNT 335 - MISCELLANEOUS POWER PLANT EQUIPMENT				199,628.91	119,058	84,564	3,524	1.77	24.0
	TOTAL ACCOUNT 333 - WISCELLANEOUS POWER PLANT EQUIPMENT				199,020.91	119,008	04,004	3,524	1.77	24.0

		PROBABLE		NET		воок		CALCULATE	D ANNUAL	COMPOSITE
	ACCOUNT	RETIREMENT DATE	SURVIVOR CURVE	SALVAGE PERCENT	ORIGINAL COST	DEPRECIATION RESERVE	FUTURE ACCRUALS	ACCRUAL AMOUNT	ACCRUAL RATE	REMAINING LIFE
	(1)	(2)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
336.00	ROADS, RAILROADS AND BRIDGES									
	OHIO FALLS - NON-PROJECT OHIO FALLS - PROJECT 289	10-2045 10-2045	80-S4 80-S4	* (2) * (2)	1,524,326.19 12,119.47	81,056 3,991	1,473,757 <u>8,371</u>	60,574 803	3.97 6.63	24.3 10.4
	TOTAL ACCOUNT 336 - ROADS, RAILROADS AND BRIDGES				1,536,445.66	85,047	1,482,128	61,377	3.99	24.1
	TOTAL HYDROELECTRIC PRODUCTION PLANT				152,409,782.07	19,960,523	135,497,455	5,641,597	3.70	
	OTHER PRODUCTION PLANT									
341.00	STRUCTURES AND IMPROVEMENTS									
	CANE RUN CC 7	06-2055	60-R4	* (11)	17,752,350.77	6,113,191	13,591,918	427,406	2.41	31.8
	ZORN AND RIVER ROAD GAS TURBINE PADDY'S RUN GENERATOR 12	06-2021 06-2025	60-R4 60-R4	* (9) * (6)	8,241.14 64.113.35	8,983 67.960	0	0	-	-
	PADDY'S RUN GENERATOR 13	06-2023	60-R4	* (6)	2,484,085.38	1,553,764	1,079,367	54,913	2.21	19.7
	BROWN CT 5	06-2041	60-R4	* (7)	1,171,970.07	555,361	698,647	35,373	3.02	19.8
	BROWN CT 6	06-2039	60-R4	* (7)	122,849.05	62,343	69,105	3,876	3.16	17.8
	BROWN CT 7	06-2039	60-R4	* (7)	141,832.79	98,379	53,383	3,015	2.13	17.7
	BROWN SOLAR	06-2041	40-S3	* (3)	923,945.85	175,074	776,590	39,301	4.25	19.8
	TRIMBLE COUNTY CT 5	06-2042	60-R4	* (9)	1,555,655.08	993,993	701,671	34,128	2.19	20.6
	TRIMBLE COUNTY CT 6	06-2042	60-R4	* (9)	1,467,923.89	940,221	659,816	32,107	2.19	20.6
	TRIMBLE COUNTY CT 7	06-2044	60-R4	* (9)	2,083,698.13	1,206,783	1,064,448	47,246	2.27	22.5
	TRIMBLE COUNTY CT 8	06-2044	60-R4	* (9)	2,075,526.50	1,202,049	1,060,275	47,061	2.27	22.5
	TRIMBLE COUNTY CT 9	06-2044	60-R4	* (9)	2,137,402.33	1,234,234	1,095,535	48,626	2.28	22.5
	TRIMBLE COUNTY CT 10 SIMPSONVILLE SOLAR	06-2044 06-2044	60-R4 40-S3	* (9) * (1)	2,525,013.22 639,189.55	1,282,072 48,290	1,470,192 597,291	64,983 26,242	2.57 4.11	22.6 22.8
	SIMPSONVILLE SOLAR	06-2044	40-53	(1)	039,109.33	46,290	597,291	20,242	4.11	22.0
	TOTAL ACCOUNT 341 - STRUCTURES AND IMPROVEMENTS				35,153,797.10	15,542,697	22,918,238	864,277	2.46	26.5
341.20	STRUCTURES AND IMPROVEMENTS - RETIRED PLANT									
	CANE RUN GT 11	06-2018	60-R4	* (10)	320,737.94	702,722	(349,910)	0_	-	-
	TOTAL ACCOUNT 341.2 - STRUCTURES AND IMPROVEMENTS				320,737.94	702,722	(349,910)	0	-	-
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSORIES	00.0055	55 Do 5		4 000 040 00	4.450.400	000.040	07.050	4.50	24.2
	CANE RUN CC 7	06-2055	55-R2.5	* (11) * (11)	1,839,349.29	1,152,432	889,246	27,950	1.52	31.8
	CANE RUN PIPELINE ZORN AND RIVER ROAD GAS TURBINE	06-2055 06-2021	55-R2.5 55-R2.5	* (11) * (9)	6,602,221.07 22,229.02	1,127,572 24,229	6,200,893	194,997 0	2.95	31.8
	PADDY'S RUN GENERATOR 11	06-2025	55-R2.5	* (6)	9,237.57	9,792	0	0		
	PADDY'S RUN GENERATOR 12	06-2025	55-R2.5	* (6)	21,667.08	22,967	0	0	-	-
	PADDY'S RUN GENERATOR 13	06-2041	55-R2.5	* (6)	2,235,100.61	1,485,623	883,584	47,248	2.11	18.7
	PADDY'S RUN CT PIPELINE	06-2041	55-R2.5	* (6)	7,693,302.29	1,163,640	6,991,260	358,159	4.66	19.5
	BROWN CT 5	06-2041	55-R2.5	* (7)	846,906.63	542,907	363,283	19,347	2.28	18.8
	BROWN CT 6	06-2039	55-R2.5	* (7)	766,004.64	385,011	434,614	24,975	3.26	17.4
	BROWN CT 7	06-2039	55-R2.5	* (7)	483,544.93	209,471	307,922	17,562	3.63	17.5
	TRIMBLE COUNTY CT 5	06-2042	55-R2.5	* (9)	97,996.90	63,627	43,190	2,200	2.24	19.6
	TRIMBLE COUNTY CT 6	06-2042	55-R2.5	* (9)	97,861.58	63,545	43,124	2,196	2.24	19.6
	TRIMBLE COUNTY CT PIPELINE	06-2044	55-R2.5	* (9)	2,320,474.20	1,305,136	1,224,181	56,832	2.45	21.5
	TRIMBLE COUNTY CT 7	06-2044	55-R2.5	* (9)	338,423.07	199,021	169,860	7,908	2.34	21.5
	TRIMBLE COUNTY CT 8	06-2044	55-R2.5 55-R2.5	* (9)	337,096.18	198,242	169,193	7,877	2.34 2.34	21.5
	TRIMBLE COUNTY CT 9 TRIMBLE COUNTY CT 10	06-2044 06-2044	55-R2.5 55-R2.5	* (9) * (9)	347,146.53 446.520.02	203,577 222.629	174,813 264.078	8,138 12.153	2.34	21.5 21.7
	TOTAL ACCOUNT 342 - FUEL HOLDERS, PRODUCERS AND ACCESSORIES			(-)	24,505,081.61	8,379,421	18,159,242	787,542	3.21	23.1
343.00	PRIME MOVERS									
	CANE RUN CC 7	06-2055	35-R1.5	* (11)	77,229,478.86	9,106,848	76,617,874	2,886,136	3.74	26.5
	PADDY'S RUN GENERATOR 13	06-2041	35-R1.5	* (6)	22,146,480.79	12,294,853	11,180,416	690,529	3.12	16.2
	BROWN CT 5	06-2041	35-R1.5	* (7)	18,490,042.40	9,554,538	10,229,807	615,056	3.33	16.6
	BROWN CT 6	06-2039	35-R1.5	* (7)	24,595,872.94	10,121,636	16,195,948	1,038,341	4.22	15.6
	BROWN CT 7	06-2039	35-R1.5	* (7)	18,757,899.20	13,032,791	7,038,161	479,180	2.55	14.7

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF JUNE 30, 2021

		PROBABLE		NET		воок		CALCULATE	D ANNUAL	COMPOSITE
	ACCOUNT	RETIREMENT	SURVIVOR CURVE	SALVAGE PERCENT	ORIGINAL COST	DEPRECIATION RESERVE	FUTURE ACCRUALS	ACCRUAL AMOUNT	ACCRUAL RATE	REMAINING LIFE
	(1)	(2)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
	TRIMBLE COUNTY CT 5	06-2042	35-R1.5	* (9)	19,076,951.79	8,721,495	12,072,382	681,922	3.57	17.7
	TRIMBLE COUNTY CT 6	06-2042	35-R1.5	* (9)	14,587,942.80	8,365,698	7,535,160	447,566	3.07	16.8
	TRIMBLE COUNTY CT 7	06-2044	35-R1.5	* (9)	15,749,993.26	7,933,988	9.233.505	500,192	3.18	18.5
	TRIMBLE COUNTY CT 8	06-2044	35-R1.5	* (9)	14,878,576.37	8,038,753	8,178,895	449,769	3.02	18.2
	TRIMBLE COUNTY CT 9	06-2044	35-R1.5	* (9)	14,834,269.42	8,091,951	8,077,403	443,833	2.99	18.2
	TRIMBLE COUNTY CT 10	06-2044	35-R1.5	* (9)	15,319,370.82	8,116,526	8,581,588	467,367	3.05	18.4
	TOTAL ACCOUNT 343 - PRIME MOVERS				255,666,878.65	103,379,077	174,941,139	8,699,891	3.40	20.1
344.00	GENERATORS									
	CANE RUN CC 7	06-2055	60-S3	* (11)	17,526,759.72	3,408,142	16,046,561	479,318	2.73	33.5
	ZORN AND RIVER ROAD GAS TURBINE	06-2021	60-S3	* (9)	1,919,304.70	2,092,042	0	. 0	_	
	PADDY'S RUN GENERATOR 11	06-2025	60-S3	* (6)	1,539,958.99	1,632,357	0	0	_	_
	PADDY'S RUN GENERATOR 12	06-2025	60-S3	* (6)	3,334,813.58	3,496,711	38,191	9,548	0.29	4.0
	PADDY'S RUN GENERATOR 13	06-2041	60-S3	* (6)	6,035,684.56	3,357,428	3,040,398	155,570	2.58	19.5
	BROWN CT 5	06-2041	60-S3	* (7)	3,448,727.25	2,070,607	1,619,531	82,743	2.40	19.6
	BROWN CT 6	06-2039	60-S3		2.449.473.22	1.747.556	873.380	49.653	2.40	17.6
	BROWN CT 7	06-2039	60-S3	* (7)					2.03	17.7
				* (7)	2,508,210.18	1,596,797	1,086,988	61,552		
	BROWN SOLAR	06-2041	25-S2.5	* (3)	8,363,103.36	1,957,394	6,656,602	387,237	4.63	17.2
	TRIMBLE COUNTY CT 5	06-2042	60-S3	* (9)	1,635,904.01	995,948	787,187	38,341	2.34	20.5
	TRIMBLE COUNTY CT 6	06-2042	60-S3	* (9)	1,595,963.67	957,421	782,179	38,102	2.39	20.5
	TRIMBLE COUNTY CT 7	06-2044	60-S3	* (9)	1,793,484.14	974,706	980,192	43,541	2.43	22.5
	TRIMBLE COUNTY CT 8	06-2044	60-S3	* (9)	1,783,864.62	969,212	975,200	43,320	2.43	22.5
	TRIMBLE COUNTY CT 9	06-2044	60-S3	* (9)	1,996,602.87	697,437	1,478,860	65,327	3.27	22.6
	TRIMBLE COUNTY CT 10	06-2044	60-S3	* (9)	1,974,606.31	963,140	1,189,181	52,650	2.67	22.6
	SIMPSONVILLE SOLAR	06-2044	25-S2.5	* (1)	562,952.81	43,417	525,165	25,742	4.57	20.4
	OTHER SOLAR		25-S2.5	(10)	57,651.55	7,525	55,892	2,541	4.41	22.0
	TOTAL ACCOUNT 344 - GENERATORS				58,527,065.54	26,967,840	36,135,507	1,535,185	2.62	23.5
345.00	ACCESSORY ELECTRIC EQUIPMENT									
	CANE RUN CC 7	06-2055	50-S2.5	* (11)	6,857,165.05	1,141,006	6,470,447	201,167	2.93	32.2
	ZORN AND RIVER ROAD GAS TURBINE	06-2021	50-S2.5	* (9)	94,656.49	103,176	0	0	-	-
	PADDY'S RUN GENERATOR 11	06-2025	50-S2.5	* (6)	605,875.85	641,453	775	194	0.03	4.0
	PADDY'S RUN GENERATOR 12	06-2025	50-S2.5	* (6)	901,218.54	955,292		0	-	
	PADDY'S RUN GENERATOR 13	06-2041	50-S2.5	* (6)	2,878,352.80	2,191,773	859,281	46,485	1.61	18.5
	BROWN CT 5	06-2041	50-S2.5	* (7)	2,602,373.29	1,786,011	998,528	54,351	2.09	18.4
										17.0
	BROWN CT 6	06-2039	50-S2.5	* (7)	1,115,725.70	590,022	603,804	35,468	3.18	
	BROWN CT 7	06-2039	50-S2.5	* (7)	1,152,755.02	706,768	526,680	30,817	2.67	17.1
	BROWN SOLAR	06-2041	45-R2.5	* (3)	285,072.02	71,932	221,692	11,499	4.03	19.3
	TRIMBLE COUNTY CT 5	06-2042	50-S2.5	* (9)	782,798.71	450,435	402,816	20,467	2.61	19.7
	TRIMBLE COUNTY CT 6	06-2042	50-S2.5	* (9)	1,709,376.03	1,001,951	861,269	44,259	2.59	19.5
	TRIMBLE COUNTY CT 7	06-2044	50-S2.5	* (9)	2,168,768.83	1,159,976	1,203,982	55,959	2.58	21.5
	TRIMBLE COUNTY CT 8	06-2044	50-S2.5	* (9)	1,943,746.28	1,105,131	1,013,552	47,571	2.45	21.3
	TRIMBLE COUNTY CT 9	06-2044	50-S2.5	* (9)	1,898,268.01	1,127,982	941,130	44,366	2.34	21.2
	TRIMBLE COUNTY CT 10	06-2044	50-S2.5	* (9)	6,214,267.18	2,762,681	4,010,870	183,957	2.96	21.8
	SIMPSONVILLE SOLAR	06-2044	45-R2.5	* (1)	259,439.84	11,783	250,251	11,283	4.35	22.2
	OTHER SOLAR		45-R2.5	(5)	27,319.98	2,845	25,841	613	2.24	42.2
	TOTAL ACCOUNT 345 - ACCESSORY ELECTRIC EQUIPMENT				31,497,179.62	15,810,217	18,390,918	788,456	2.50	23.3
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT									
	CANE RUN CC 7	06-2055	55-R4	* (11)	1,075,923.52	129,502	1,064,773	31,981	2.97	33.3
	ZORN AND RIVER ROAD GAS TURBINE	06-2021		* (9)	9,488.39	10,342	0	0		
	PADDY'S RUN GENERATOR 11	06-2025	55-R4	* (6)	69,048.02	10,064	63,127	15,782	22.86	4.0
	PADDY'S RUN GENERATOR 12	06-2025	55-R4	* (6)	59,553.64	304	62,823	15,706	26.37	4.0
	PADDY'S RUN GENERATOR 12 PADDY'S RUN GENERATOR 13	06-2025	55-R4 55-R4						26.37	19.4
				* (6)	1,362,478.01	864,009	580,218	29,835		
	BROWN CT 5	06-2041	55-R4	* (7)	2,430,071.96	1,579,129	1,021,048	52,666	2.17	19.4
	BROWN CT 6	06-2039	55-R4	* (7)	32,755.71	16,875	18,174	1,022	3.12	17.8
	BROWN CT 7	06-2039	55-R4	* (7)	23,047.78	16,374	8,287	471	2.04	17.6
	BROWN SOLAR	06-2041	40-R2.5	* (3)	271,849.13	11,983	268,022	14,055	5.17	19.1

		PROBABLE RETIREMENT	SURVIVOR	NET SALVAGE	ORIGINAL	BOOK DEPRECIATION	FUTURE	CALCULATE	D ANNUAL ACCRUAL	COMPOSITE REMAINING
	ACCOUNT	DATE	CURVE	PERCENT	COST	RESERVE	ACCRUALS	AMOUNT	RATE	LIFE
	(1)	(2)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
	TRIMBLE COUNTY CT 5	06-2042	55-R4	* (9)	14,528.92	53,353	(37,516)	0	-	_
	TRIMBLE COUNTY CT 7	06-2044	55-R4	* (9)	5,204.51	8,890	(3,217)	0	-	-
	TRIMBLE COUNTY CT 8	06-2044	55-R4	* (9)	5,182.59	2,976	2,673	120	2.32	22.3
	TRIMBLE COUNTY CT 9	06-2044	55-R4	* (9)	5,328.44	2,966	2,842	127	2.38	22.4
	TRIMBLE COUNTY CT 10	06-2044	55-R4	* (9)	25,332.91	3,038	24,575	1,086	4.29	22.6
	SIMPSONVILLE SOLAR	06-2044	40-R2.5	* (1)	23,884.71	1,092	23,032	1,049	4.39	22.0
	TOTAL ACCOUNT 346 - MISCELLANEOUS POWER PLANT EQUIPMENT				5,413,678.24	2,710,897	3,098,861	163,900	3.03	18.9
	TOTAL OTHER PRODUCTION PLANT				411,084,418.70	173,492,870	273,293,995	12,839,251	3.12	
	TRANSMISSION PLANT									
350.10	LAND RIGHTS		75-R4	0	8,587,652.59	3,540,408	5,047,245	88,129	1.03	57.3
352.10	STRUCTURES AND IMPROVEMENTS		65-R2	(10)	17,711,716.57	3,408,280	16,074,608	285,373	1.61	56.3
353.10	STATION EQUIPMENT		60-R1.5	(20)	267,728,522.13	71,526,039	249,748,188	5,132,815	1.92	48.7
354.00	TOWERS AND FIXTURES		75-R4	(50)	46,357,266.29	27,638,149	41,897,750	802,808	1.73	52.2
355.00	POLES AND FIXTURES		60-R2	(80)	127,211,263.76	36,298,410	192,681,865	3,822,485	3.00	50.4
356.00	OVERHEAD CONDUCTORS AND DEVICES		60-R2	(80)	68,618,079.89	35,215,141	88,297,403	2,058,647	3.00	42.9
357.00	UNDERGROUND CONDUIT		55-S3	(5)	1,941,041.52	852,308	1,185,786	35,405	1.82	33.5
358.00	UNDERGROUND CONDUCTORS AND DEVICES		50-R3	(25)	8,498,390.55	4,051,778	6,571,210	188,423	2.22	34.9
	TOTAL TRANSMISSION PLANT				546,653,933.30	182,530,513	601,504,055	12,414,085	2.27	
	DISTRIBUTION PLANT									
361.00	STRUCTURES AND IMPROVEMENTS		50-S0.5	(10)	27,303,595.71	3,153,624	26,880,331	580,147	2.12	46.3
362.00	STATION EQUIPMENT		52-R1	(20)	189,036,310.72	54,825,166	172,018,407	4,064,658	2.15	42.3
364.00	POLES, TOWERS AND FIXTURES		56-R1.5	(80)	250,399,705.21	87,165,578	363,553,891	8,161,054	3.26	44.5
365.00	OVERHEAD CONDUCTORS AND DEVICES		52-R1.5	(75)	424,338,085.69	138,753,287	603,838,363	14,778,691	3.48	40.9
366.00	UNDERGROUND CONDUIT		75-S4	(40)	98,748,183.16	36,187,108	102,060,348	1,816,936	1.84	56.2
367.00	UNDERGROUND CONDUCTORS AND DEVICES		58-R3	(50)	361,940,498.51	78,682,308	464,228,440	9,850,126	2.72	47.1
368.00	LINE TRANSFORMERS		47-R3	(10)	180,542,556.95	87,109,348	111,487,465	3,471,521	1.92	32.1
369.10	SERVICES - UNDERGROUND		47-S2	(50)	14,221,745.58	2,889,828	18,442,790	542,733	3.82	34.0
369.20	SERVICES - OVERHEAD		65-R2.5	(100)	27,358,442.40	25,944,050	28,772,835	667,327	2.44	43.1
370.00	METERS	12-2029	37-R1.5	0	36,244,654.21	22,049,189	14,195,466	1,838,965	5.07	7.7
370.01	METERS - AMS		15-S0.5	0	3,015,392.17	761,931	2,253,461	222,304	7.37	10.1
370.11	METERS - AMI		15-S2.5	0	74,083.26	9,215	64,868	5,020	6.78	12.9
370.20 371.01	METERS - CT AND PT INSTALLATIONS ON CUSTOMERS' PREMISES - EV CHARGING STATIONS		18-S3 10-S3	0	5,927,405.09 183,387.58	4,873,649 35,085	1,053,756 148,303	278,079 18,470	4.69 10.07	3.8 8.0
373.10	STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD		35-R1.5	(40)	70,512,498.56	19,582,433	79,135,065	2,999,710	4.25	26.4
373.10	STREET LIGHTING AND SIGNAL SYSTEMS - UNDERGROUND		35-R1.5	(40)	65,847,536.66	35,095,779	57,090,772	2,552,671	3.88	22.4
	TOTAL DISTRIBUTION PLANT				1,755,694,081.46	597,117,576	2,045,224,561	51,848,412	2.95	
	GENERAL PLANT									
	TRANSPORTATION EQUIPMENT									
392.00	CARS AND LIGHT TRUCKS		14-S2	0	1,213,038.75	653,894	559,145	65,629	5.41	8.5
392.10	HEAVY TRUCKS AND OTHER		13-R2	0	6,937,321.96	2,968,026	3,969,296	448,889	6.47	8.8
392.20	TRAILERS		23-S2.5	0	390,801.16	28,558	362,243	25,181	6.44	14.4
	TOTAL TRANSPORTATION EQUIPMENT				8,541,161.87	3,650,478	4,890,684	539,699	6.32	
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT		25-SQ	0	9,422,738.22	3,366,434	6,056,304	370,282	3.93	16.4

		PROBABLE		NET		воок		CALCULATE		COMPOSITE
	ACCOUNT	RETIREMENT DATE	SURVIVOR CURVE	SALVAGE PERCENT	ORIGINAL COST	DEPRECIATION RESERVE	FUTURE ACCRUALS	ACCRUAL AMOUNT	ACCRUAL RATE	REMAINING LIFE
	(1)	(2)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
396.10 396.20	POWER OPERATED EQUIPMENT LARGE MACHINERY OTHER		22-S1 23-S1	0 0	2,287,800.19 196,248.24	1,241,127 128,261	1,046,673 67,987	58,708 4,683	2.57 2.39	17.8 14.5
	TOTAL POWER OPERATED EQUIPMENT				2,484,048.43	1,369,388	1,114,660	63,391	2.55	
397.20	COMMUNICATION EQUIPMENT - DSM		10-SQ	0	6,879,687.24	5,710,606	1,169,081	1,106,085	16.08	1.1
	TOTAL GENERAL PLANT				27,327,635.76	14,096,906	13,230,729	2,079,457	7.61	
	TOTAL DEPRECIABLE PLANT				6,354,379,683.28	2,111,004,604	5,689,934,930	280,642,517	4.42	
	NONDEPRECIABLE PLANT									
301.00 310.20 310.26 317.07 317.08 330.20 337.07 340.20 347.05 347.05 359.15 359.17 360.20 374.05 374.07	ORGANIZATION LAND LAND - ECR 2011 ARO STEAM PRODUCTION (EQUIPMENT) ARO STEAM PRODUCTION (CCR) LAND ARO HYDRAULIC PRODUCTION LAND ARO OTHER PRODUCTION (L/B) ARO OTHER PRODUCTION (EQUIPMENT) LAND ARO TRANSMISSION (L/B) ARO TRANSMISSION (EQUIPMENT) LAND ARO DISTRIBUTION (L/B) ARO DISTRIBUTION (EQUIPMENT)				2,240.29 10,220,199.63 360,851.26 11,110,875.44 49,105,299.46 6.50 289,910.63 406,526.20 15,555.48 96,428.56 2,540,798.22 76,221.28 122,340.23 4,117,062.41 129,242.11	3,025,912 38,876,592 32,209 7,683 20,029 2,549 47,993 48,370 13,272				
	TOTAL NONDEPRECIABLE PLANT				78,641,552.82	42,074,609				
	TOTAL ELECTRIC PLANT				6,433,021,236.10	2,153,079,212	5,689,934,930	280,642,517		

^{*} LIFE SPAN PROCEDURE IS USED. CURVE SHOWN IS INTERIM SURVIVOR CURVE
** ANNUAL DEPRECIATION EXPENSE SHOWN WILL BE BOOKED UNTIL JULY 1, 2021, THEN THE FOLLOWING RATE WILL BE APPLIED UNTIL THE END OF THE LIFE FOR THE ASH POND

ASH POND LOCATION	RATE
MILL CREEK UNIT 1 ASH POND	0.00
TRIMBLE COUNTY UNIT 1 ASH POND	1.79
TRIMBLE COUNTY UNIT 2 ASH POND	1.72

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

			NET		воок		CALCULATE	D ANNUAL	COMPOSITE
		SURVIVOR	SALVAGE	ORIGINAL	DEPRECIATION	FUTURE	ACCRUAL	ACCRUAL	REMAINING
	ACCOUNT	CURVE	PERCENT	COST	RESERVE	ACCRUALS	AMOUNT	RATE	LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(7)/(4)	(9)=(6)/(7)
	DEPRECIABLE PLANT								
	INTANGIBLE PLANT								
302.00	FRANCHISES AND CONSENTS	20-SQ	0	387.49	375	12	0	-	-
	TOTAL INTANGIBLE PLANT			387.49	375	12	0	-	
	PRODUCTION PLANT								
350.20	RIGHTS OF WAY	65-R4	0	101,212.49	72,379	28,833	559	0.55	51.6
351.20	COMPRESSOR STATION STRUCTURES	60-R2.5	(20)	10,714,415.64	2,208,736	10,648,563	212,832	1.99	50.0
351.30	MEASURING AND REGULATING STATION STRUCTURES	65-R3	(5)	33,043.05	17,738	16,957	312	0.94	54.3
351.40	OTHER STRUCTURES	65-R2.5	(20)	8,338,302.37	1,415,633	8,590,330	152,142	1.82	56.5
352.10	STORAGE LEASEHOLDS AND RIGHTS	75-R4	0	609,527.22	548,241	61,286	847	0.14	72.4
352.20 352.30	RESERVOIRS NONRECOVERABLE NATURAL GAS	65-R4 50-SQ	0	400,511.40	400,511	0	74.555	0.77	14.0
352.30 352.40	WELL DRILLING	65-R2.5	(50)	9,648,855.00 7,319,876.21	8,605,089 1,668,368	1,043,766 9,311,446	74,555 198,531	2.71	14.0 46.9
352.50	WELL EQUIPMENT	45-R0.5	(50)	17,788,163.33	1,660,447	25,021,798	686,696	3.86	36.4
353.00	LINES	50-R2	(20)	31,041,055.54	10,707,205	26,542,062	679,046	2.19	39.1
354.00	COMPRESSOR STATION EQUIPMENT	45-R1.5	(15)	69,973,625.08	13,079,928	67,389,741	1,777,086	2.54	37.9
355.00	MEASURING AND REGULATING EQUIPMENT	45-S0	(20)	2,484,952.99	508,911	2,473,033	65,307	2.63	37.9
356.00	PURIFICATION EQUIPMENT	49-R2	(30)	34,152,964.21	8,215,228	36,183,625	883,667	2.59	40.9
357.00	OTHER EQUIPMENT	47-R2	(10)	8,515,578.35	995,489	8,371,647	200,778	2.36	41.7
	TOTAL PRODUCTION PLANT			201,122,082.88	50,103,903	195,683,087	4,932,358	2.45	
	TRANSMISSION PLANT								
365.20	RIGHTS OF WAY	75-R4	0	220,659.05	212,124	8,535	247	0.11	34.6
367.00	MAINS	65-R2.5	(40)	191,433,095.64	15,300,294	252,706,040	4,203,545	2.20	60.1
	TOTAL TRANSMISSION PLANT			191,653,754.69	15,512,418	252,714,575	4,203,792	2.19	
	DISTRIBUTION PLANT								
374.22	OTHER DISTRIBUTION LAND RIGHTS	75-S3	0	74,018.23	74,018	0	0	-	-
375.10	STRUCTURES AND IMPROVEMENTS - CITY GATE STATION	50-R3	(20)	519,543.44	127,492	495,960	14,442	2.78	34.3
375.20	STRUCTURES AND IMPROVEMENTS - OTHER DISTRIBUTION	42-L1.5	(20)	765,267.96	371,468	546,854	18,739	2.45	29.2
376.00	MAINS	67-R2.5	(40)	479,717,760.80	159,645,547	511,959,318	9,961,574	2.08	51.4
378.00	MEASURING AND REGULATING STATION EQUIPMENT - GENERAL	43-S0	(20)	37,392,289.18	4,008,930	40,861,817	1,126,401	3.01	36.3
379.00	MEASURING AND REGULATING STATION EQUIPMENT - CITY GATE	37-S0	(40)	15,811,772.52	2,160,606	19,975,875	666,015	4.21	30.0
380.00	SERVICES	46-S0	(55)	470,085,314.97	152,021,422	576,610,816	15,040,916	3.20	38.3
381.00	METERS	26-R2.5	(10)	68,475,441.61	17,184,212	58,138,774	3,571,517	5.22	16.3
383.00 385.00	HOUSE REGULATORS	31-S1.5	(10)	27,617,357.65	9,032,720	21,346,373	1,042,716	3.78 2.38	20.5
385.00 387.00	INDUSTRIAL MEASURING AND REGULATING STATION EQUIPMENT OTHER EQUIPMENT	45-S1.5 42-R2.5	(5) 0	1,831,193.99 1,825,898.22	265,139 47,490	1,657,615 1,778,408	43,540 44,197	2.38 2.42	38.1 40.2
307.00		72-112.5	O						70.2
	TOTAL DISTRIBUTION PLANT			1,104,115,858.57	344,939,045	1,233,371,810	31,530,057	2.86	

LOUISVILLE GAS AND ELECTRIC COMPANY GAS PLANT

			NET		воок		CALCULATE	COMPOSITE	
		SURVIVOR	SALVAGE	ORIGINAL	DEPRECIATION	FUTURE	ACCRUAL	ACCRUAL	REMAINING
	ACCOUNT (1)	CURVE(2)	PERCENT (3)	COST (4)	RESERVE (5)	ACCRUALS (6)	AMOUNT (7)	RATE (8)=(7)/(4)	(9)=(6)/(7)
	(1)	(2)	(3)	(4)	(3)	(0)	(1)	(0)=(1)/(4)	(3)=(0)/(1)
	GENERAL PLANT	_							
	TRANSPORTATION EQUIPMENT								
392.00	CARS AND LIGHT TRUCKS	10-S2	0	87,402.64	34,763	52,640	10,233	11.71	5.1
392.10	HEAVY TRUCKS AND OTHER	11-L3	0	1,286,045.28	781,529	504,516	97,433	7.58	5.2
392.20	TRAILERS	17-S2	0	702,163.08	267,428	434,735	45,873	6.53	9.5
	TOTAL TRANSPORTATION EQUIPMENT			2,075,611.00	1,083,720	991,891	153,539	7.40	
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT	25-SQ	0	8,225,964.52	2,927,120	5,298,844	325,704	3.96	16.3
	POWER OPERATED EQUIPMENT								
396.10	LARGE MACHINERY	15-L2.5	0	4,474,881.12	2,070,047	2,404,834	236,177	5.28	10.2
396.20	OTHER	24-L1.5	0	1,162,584.78	175,607	986,978	45,932	3.95	21.5
	TOTAL POWER OPERATED EQUIPMENT			5,637,465.90	2,245,654	3,391,812	282,109	5.00	
	TOTAL GENERAL PLANT			15,939,041.42	6,256,494	9,682,547	761,352	4.78	
	TOTAL DEPRECIABLE PLANT			1,512,831,125.05	416,812,235	1,691,452,031	41,427,559	2.74	
	NONDEPRECIABLE PLANT	_							
350.10	LAND			250,794.93					
358.05	ARO COST GAS UNDERGROUND STORAGE (L/B)			27,867.81	2,619				
358.07	ARO COST GAS UNDERGROUND STORAGE (EQUIPMENT)			5,501,534.97	328,927				
372.07	ARO COST GAS TRANSMISSION (EQUIPMENT)			2,650,692.06	466,639				
374.12	LAND			504,018.59					
374.13	LAND			584,511.54					
388.07	ARO COST GAS DISTRIBUTION (EQUIPMENT)			14,577,442.08	403,633				
	TOTAL NONDEPRECIABLE PLANT			24,096,861.98	1,201,818				
	TOTAL GAS PLANT			1,536,927,987.03	418,014,053	1,691,452,031	41,427,559		

		PROBABLE RETIREMENT	SURVIVOR	NET SALVAGE	ORIGINAL	BOOK DEPRECIATION	FUTURE	ACCRUAL	ACCRUAL	COMPOSITE REMAINING
	ACCOUNT (1)		CURVE (3)	PERCENT (4)	COST (5)	RESERVE (6)	ACCRUALS (7)	AMOUNT (8)	(9)=(8)/(5)	LIFE (10)=(7)/(8)
	(1)	(-)	(0)	(4)	(0)	(0)	(1)	(0)	(3)=(3)/(3)	(10)=(1)/(0)
	DEPRECIABLE PLANT									
	INTANGIBLE PLANT									
303.00	COMPUTER SOFTWARE		5-SQ	0	95,345,212.74	35,925,873	59,419,340	17,614,210	18.47	3.4
303.10	CCS SOFTWARE	46752	SQUARE	* 0	13,325,408.84	4,985,346	8,340,063	1,283,087	9.63	6.5
303.30	CLOUD SOFTWARE		10-SQ	0	1,714,180.28	0	1,714,180	195,906	11.43	8.8
	TOTAL INTANGIBLE PLANT				110,384,801.86	40,911,219	69,473,583	19,093,203	17.30	
	GENERAL PLANT									
	STRUCTURES AND IMPROVEMENTS									
390.10	GENERAL OFFICE		40-S0.5	(10)	102,254,247.45	32,137,905	80,341,767	2,655,225	2.60	30.3
390.20	TRANSPORTATION		30-L1	(5)	399,608.09	96,703	322,885	22,449	5.62	14.4
390.30	STORES		55-R2.5	(10)	10,508,957.27	7,108,502	4,451,351	134,100	1.28	33.2
390.40	SHOPS		45-R1	(10)	1,036,727.70	268,280	872,120	24,151	2.33	36.1
390.60	MICROWAVE		55-R4	(5)	1,099,708.47	459,695	694,999	18,665	1.70	37.2
	TOTAL STRUCTURES AND IMPROVEMENTS				115,299,248.98	40,071,085	86,683,122	2,854,590	2.48	
	OFFICE FURNITURE AND EQUIPMENT									
391.10	FURNITURE		20-SQ	0	8,046,797.84	5,115,051	2,931,747	178,048	2.21	16.5
391.20	EQUIPMENT		15-SQ	0	1,284,988.83	872,479	412,510	38,674	3.01	10.7
391.30	COMPUTER EQUIPMENT PERSONAL COMPUTER		5-SQ 4-SQ	0	25,856,157.57	10,218,170	15,637,988	6,496,771	25.13	2.4
391.31 391.40	SECURITY EQUIPMENT		4-SQ 10-SQ	0	7,526,349.84 1,283,808.75	4,122,439 865,512	3,403,910 418,297	1,845,999 65,546	24.53 5.11	1.8 6.4
331.40	SECONTT EQUI MENT		10-00	O	1,200,000.70	003,312	410,231	05,540	5.11	0.4
	TOTAL OFFICE FURNITURE AND EQUIPMENT				43,998,102.83	21,193,651	22,804,452	8,625,038	19.60	
	TRANSPORTATION EQUIPMENT									
392.00	CARS AND LIGHT TRUCKS		9-S2.5	0	170,715.13	21,495	149,220	20,421	11.96 3.53	7.3
392.10 392.20	HEAVY TRUCKS AND OTHER TRAILERS		13-S1 26-S0	0	259,518.33 71,447.10	187,796 8,784	71,722 62,663	9,155 3,021	3.53 4.23	7.8 20.7
002.20	THE REPORT OF THE PERSON OF TH		20 00	Ü	71,447.10	0,704	02,000	0,021	4.20	20.7
	TOTAL TRANSPORATION EQUIPMENT				501,680.56	218,075	283,605	32,597	6.50	
393.00	STORES EQUIPMENT		25-SQ	0	1,893,883.63	222,032	1,671,852	76,200	4.02	21.9
394.00	TOOLS, SHOP AND GARAGE EQUIPMENT		25-SQ	0	4,046,195.26	2,296,964	1,749,232	162,116	4.01	10.8
	POWER OPERATED EQUIPMENT									
396.10 396.20	LARGE MACHINERY OTHER		26-S2 24-L2.5	0	690,875.96 52,397.49	229,694 16,259	461,182 36,138	23,156 1,722	3.35 3.29	19.9 21.0
	TOTAL POWER OPERATED EQUIPMENT			·	743,273.45	245,953	497,320	24,878	3.35	
					,0	,	,3	,		
007.00	COMMUNICATION EQUIPMENT		00105	•	04 000 000 ==	45.040.500	5 470 740	0.40.455	4.65	45.7
397.00 397.10	MICROWAVE, FIBER AND OTHER RADIO AND TELEPHONE		20-L2.5 10-SQ	0	21,392,300.70 24,999,052.98	15,919,589 12,932,870	5,472,712 12,066,183	349,138 1,644,865	1.63 6.58	15.7 7.3
397.10			10-30	U						7.5
	TOTAL COMMUNICATION EQUIPMENT				46,391,353.68	28,852,459	17,538,895	1,994,003	4.30	
	TOTAL GENERAL PLANT				212,873,738.39	93,100,219	131,228,478	13,769,422	6.47	
	TOTAL DEPRECIABLE PLANT				323,258,540.25	134,011,438	200,702,061	32,862,625	10.17	

		PROBABLE RETIREMENT	SURVIVOR	NET SALVAGE	ORIGINAL	BOOK DEPRECIATION	FUTURE	CALCULATED ANNUAL ACCRUAL ACCRUAL		COMPOSITE REMAINING
	ACCOUNT	DATE	CURVE	PERCENT	COST	RESERVE	ACCRUALS	AMOUNT	RATE	LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
	NONDEPRECIABLE PLANT									
301.00	ORGANIZATION				83,782.29					
389.10	LAND				1,564,394.37					
	TOTAL NONDEPRECIABLE PLANT				1,648,176.66					
	TOTAL COMMON PLANT				324,906,716.91	134,011,438	200,702,061	32,862,625		

^{*} CCS SOFTWARE IS DEPRECIATED WITH A FINAL RETIREMENT DATE OF DECEMBER 31, 2027