BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS

IN THE MATTER OF THE APPLICATION	**)**	
OF ATMOS ENERGY CORPORATION	**)**	**Docket No.**
FOR REVIEW AND ADJUSTMENT OF ITS	**)**	**26-ATMG-026-RTS**
NATURAL GAS RATES	**)**	

DIRECT TESTIMONY OF DANE A. WATSON

JULY 25, 2025

SUBMITTED ON BEHALF OF

ATMOS ENERGY CORPORATION

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I. POSITION AND QUALIFICATIONS

Q. PLEASE STATE YOUR NAME AND ADDRESS.

A. My name is Dane A. Watson, and my business address is 101 E. Park Blvd., Suite 220, Plano, Texas 75074. I am a Partner of Alliance Consulting Group. Alliance Consulting Group provides consulting and expert services to the utility industry.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I hold a Bachelor of Science degree in Electrical Engineering from the University of Arkansas at Fayetteville and a Master's Degree in Business Administration from Amberton University.

Q. PLEASE DESCRIBE YOUR INVOLVEMENT WITH ANY PROFESSIONAL SOCIETIES OR COMMITTEES?

A. I have twice been Chair of the Edison Electric Institute ("EEI") Property Accounting and Valuation Committee and have been Chairman of EEI's Depreciation and Economic Issues Subcommittee. I was the Industry Project Manager for the EEI/AGA effort around the electric and gas industry adoption of FAS 143 and testified before FERC in the hearings leading up to the release of FERC Order 631. I am a Registered Professional Engineer ("PE") in the State of Texas. I am a Senior Member of the Institute of Electrical and Electronics Engineers ("IEEE"), where I served for several years as an officer of the Executive Board of the Dallas Section of IEEE as well as Regional and word-wide offices. I am also twice Past President of the Society of Depreciation Professionals and a regular instructor for their annual training program.

Q. DO YOU HOLD ANY SPECIAL CERTIFICATION AS A DEPRECIATION EXPERT?

A. Yes. The Society of Depreciation Professionals ("the Society") has established national standards for depreciation professionals. The Society administers an examination and has certain required qualifications to become certified in this field. I met and maintain all requirements as a Certified Depreciation Professional ("CDP").

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

A. Since graduation from college in 1985, I have worked in the area of depreciation and valuation. I founded Alliance Consulting Group in 2004 and am responsible for conducting depreciation, valuation, and certain other accounting-related studies for utilities in various regulated industries. My duties related to depreciation studies include the assembly and analysis of historical and simulated data, conducting field reviews, determining service life and net salvage estimates, calculating annual depreciation, presenting recommended depreciation rates to utility management for its consideration, and supporting such rates before regulatory bodies.

My prior employment from 1985 to 2004 was with Texas Utilities ("TXU"). During my tenure with TXU, I was responsible for, among other things, conducting valuation and depreciation studies for the domestic TXU companies. During that time, I also served as engineer and engineering manager and later, Manager of Property Accounting Services and Records Management in addition to my depreciation responsibilities.

Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE ANY REGULATORY COMMISSIONS?

A. Yes. I have filed testimony with the Kansas Corporation Commission in the following Dockets: 18-KCPE-480-RTS, 18-EPDE-184-PRE, 16-ATMG-079-RTS, 15-KCPE-116-RTS, 12-KCPE-764-RTS, and 12-ATMG-564-RTS. I have also testified before over 30 different commissions across the United States and testified on an international level in Canada, Mexico, Dominica, and Bermuda. A complete listing of various proceedings in which I have been involved is found in my Direct Exhibit DAW-1. I have performed more than 350 depreciation studies over the course of my career. I have also appeared before the Federal Energy Regulatory Commission in Docket No. 02-7-00 as an industry panelist on asset retirement obligations.

II. PURPOSE OF DIRECT TESTIMONY

Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS PROCEEDING?

A. I sponsor and support the depreciation studies performed for Atmos Energy Corporation – Kansas Division ("Atmos Energy", "Company", or "Kansas Direct"), Colorado-Kansas ("COKS") General Office, and its Shared Services Unit ("SSU" or "Shared Services").

Q. ARE YOU SPONSORING ANY EXHIBITS IN THIS PROCEEDING?

A. Yes. I am sponsoring the following exhibits:

- DAW-1 – Watson Testimony Appearances

- DAW-2 - Atmos Energy Corporation – Kansas Dvisions's Direct Gas Depreciation Rate Study at September 30, 2024
- DAW-3 – Atmos Energy Corporation – Colorado-Kansas General Office Depreciation Rate Study at September 30, 2024
- DAW-4 – Atmos Energy Corporation – Shared Services Unit Depreciation Rate Study at September 30, 2022

Q. WERE THESE EXHIBITS PREPARED BY YOU OR UNDER YOUR SUPERVISION AND CONTROL?

A. Yes.

Q. PLEASE SUMMARIZE YOUR CONCLUSIONS.

A. The Atmos Energy Kansas Direct, COKS General Office, and SSU depreciation studies and analysis that I have performed supports establishing depreciation rates at the level recommended in my testimony. The Kansas Direct depreciation rate study is attached to my testimony as Exhibit DAW–2. The Kansas Direct study shows that an increase in the annual depreciation expense of approximately $2.9 million per year is needed to ensure that the appropriate amount of depreciation expense is collected by the Company. This amount was determined by comparing the depreciation expense between the current rates and the proposed rates as shown in Appendix A of Exhibit DAW-2. The change in procedure, Average Life Group ("ALG") to Equal Life Group ("ELG") and the increase in removal cost experienced by the Company for Mains Accounts 37601 and 37602 were offset some by the increase in life. Also contributing to the change is Account 380 Services, which has an increase in cost of removal. These are the primary drivers

for the increase in expense. The COKS General Office and SSU depreciation rate studies are attached as Exhibit DAW-3 and DAW-4.

Q. DO THE DEPRECIATION STUDIES YOU SPONSOR IN THIS CASE REFLECT THE MOST CURRENT DATA AVAILABLE FOR KANSAS DIRECT, COKS GENERAL OFFICE, AND SSU ASSETS?

A. Yes. The data used reflects the most recent experience and future expectations for life and net salvage characteristics for Kansas Direct and the COKS General Office as of September 30, 2024. The SSU study is as of September 30, 2022.

Q. ARE YOU RECOMMENDING ANY CHANGE IN DEPRECIATION RATES FOR ASSETS BOOKED AT THE ATMOS ENERGY CORPORATE LEVEL?

A. Yes. Atmos Energy has updated the depreciation study for its SSU, which contain changes in depreciation rates for those accounts booked at an Atmos Energy Corporate level. That study is included as Exhibit DAW-4.

III. ATMOS KANSAS DIRECT GAS DEPRECIATION STUDY

Q. DID YOU PREPARE THE GAS DEPRECIATION STUDY?

A. Yes. The Kansas Direct Gas Depreciation Study is attached to my testimony as Exhibit DAW–2.

Q. WHAT PROPERTY IS INCLUDED IN THE DEPRECIATION STUDY?

A. There are four general classes, or functional groups, of depreciable property: the Storage Plant, Transmission Plant, Distribution Plant and General Plant property. Storage Plant functional group primarily consists of facilities that store natural gas for use as needed. Transmission Plant functional group primarily consist of high

and intermediate pressure transmission assets that deliver gas to various receipt points or city gates. The Distribution Plant functional group primarily consists of lines and associated facilities used to distribute gas within the areas served by Atmos Energy. General Plant property, both depreciated and amortized, is not location specific but is used to support the overall distribution of gas to its customers.

Q. WHAT TYPES OF ASSETS ARE CLASSIFIED IN THE GENERAL PLANT DEPRECIATED AND AMORTIZED FUNCTIONS?

A. The General Plant functional group has been split into two groups, depreciated and amortized. The General Plant Depreciated functional group contains facilities and equipment associated with the overall operation of the business, such as office buildings, warehouses, service centers, transportation and power operated equipment. The General Plant Amortized functional group contains assets associated with the overall operation of the business, such as office furniture and equipment, computer equipment, stores equipment, tools, and other miscellaneous equipment. All General Plant is used in overall support of operations of the business rather than with a specific classification.

Q. WHAT DEFINITION OF DEPRECIATION HAVE YOU USED FOR THE PURPOSES OF CONDUCTING A DEPRECIATION STUDY AND PREPARING YOUR TESTIMONY?

A. The term "depreciation," as used herein, is considered in the accounting sense; that is, a system of accounting that distributes the cost of assets, less net salvage (if any), over the estimated useful life of the assets in a systematic and rational manner.

Depreciation is a process of allocation, not valuation. Depreciation expense is systematically allocated to accounting periods over the life of the properties. The amount allocated to any one accounting period does not necessarily represent the loss or decrease in value that will occur during that particular period. Thus, depreciation is considered an expense or cost, rather than a loss or decrease in value. The Company accrues depreciation based on the original cost of all property included in each depreciable plant account. On retirement, the full cost of depreciable property, less the net salvage amount, if any, is charged to the depreciation reserve.

Q. PLEASE DESCRIBE YOUR DEPRECIATION STUDY APPROACH.

A. I conducted the depreciation studies in four phases as shown in my Exhibit DAW-2. The four phases are: Data Collection, Analysis, Evaluation, and Calculation. During the initial phase of the study, I collected historical data to be used in the analysis. After the data was assembled, I performed analyses to determine the life and net salvage percentage for the different property groups being studied. As part of this process, I conferred with field personnel, engineers, and managers responsible for the installation, operation, and removal of the assets to gain their input into the operation, maintenance, and net salvage of the assets. The information obtained from field personnel, engineers, and managerial personnel, combined with the study results, was then evaluated to determine how the results of the historical asset activity analysis, in conjunction with the Company's expected future plans, should be applied. Using all of these resources, I then calculated the depreciation rate for each function.

Q. WHAT DEPRECIATION METHODOLOGY DID YOU USE?

A. The straight-line (method), ELG (procedure), and remaining-life (technique) depreciation system was employed to calculate annual and accrued depreciation in this study. This is a change from the straight-line, Average Life Group ("ALG") remaining-life depreciation system that was previously approved, through a Stipulation Agreement in Docket No. 19-ATMG-525-RTS, to set existing depreciation rates.

Q. HOW ARE THE DEPRECIATION RATES DETERMINED USING THE ELG PROCEDURE?

A. In this system, the annual depreciation expense for each group is computed by dividing the original cost of the asset less allocated depreciation reserve less estimated net salvage by its respective equal life group remaining life. The resulting annual accrual amounts of all depreciable property within an account were accumulated, and the total was divided by the original cost of all depreciable property to determine the depreciation rate. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group. The computations of the annual depreciation rates are shown in Appendix B of my Exhibit DAW-2.

Q. WHAT TIME PERIOD DID YOU USE TO DEVELOP THE PROPOSED DEPRECIATION RATES?

A. The account level depreciation rates were developed based on the depreciable property recorded on the Company's books at September 30, 2024.

Q. PLEASE SUMMARIZE THE DEPRECIATION STUDY RESULTS WITH RESPECT TO DEPRECIATION RATES.

A. The study calculates, and the Company applies depreciation rates at an account level, which are provided in Appendix A of my Direct Exhibit DAW-2. Table 1 below provides a summary comparison at a functional level. Distribution plant is the primary driver in the increase in overall annual depreciation expense.

Table 1

Description	Plant Balance	Existing Annual Accrual Rate	Existing Annual Accrual Amount	Proposed Annual Accrual Rate	Proposed Annual Accrual Amount	Change in Depreciation Expense
Total Storage	$ [illegible]	[illegible]	$ [illegible]	[illegible]	$ [illegible]	$ [illegible]
Total Transmission	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Distribution	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total General Depreciated	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total General Amortized after Retirements	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total General Plant Depreciated & Amortized	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total Depreciable and Amortized Plant	$ 535,515,751	2.99%	$ 16,002,896	3.03%	$ 16,281,007	$ 278,401

Q. WHAT FACTORS INFLUENCE THE DEPRECIATION RATES FOR AN ACCOUNT?

A. The primary factors that influence the depreciation rate for an account are: (1) the remaining investment to be recovered in the account, (2) the depreciable life of the account, and (3) the net salvage for the account.

Q. DO YOU HAVE AN INITIAL OBSERVATION ABOUT KANSAS DIRECT'S DEPRECIATION RATES IN GENERAL?

A. Yes. Kansas Direct's depreciation expense is increasing from previously approved levels.

Q. WHY IS DEPRECIATION EXPENSE INCREASING?

A. Minor adjustments in life and net salvage factors for various accounts influenced the depreciation expense change as discussed later and in Exhibit DAW-2. The increase in life for Accounts 37601 and 37602 Steel and Plastic Mains is offset by the increase in experienced cost of removal resulting in more negative net salvage values for these two accounts as well as the increased negative net salvage for Account 38000 Services. Also contributing to the overall increase is the change in procedure from ALG to ELG.

Q. WHAT METHOD DID YOU USE TO ANALYZE HISTORICAL DATA TO DETERMINE LIFE CHARACTERISTICS?

A. All accounts were analyzed using the retirement rate ("actuarial") method to estimate the life of property. In much the same manner as human mortality is analyzed by actuaries, depreciation analysts use models of property mortality characteristics that have been validated in research and empirical applications. Further detail is found in the life analysis section of Exhibit DAW-2.

Q. HOW DID YOU DETERMINE THE AVERAGE SERVICE LIVES FOR EACH ASSET GROUP?

A. The establishment of appropriate average service lives for each account was determined by actuarial life analysis and interviews with Company personnel. Graphs illustrating the chosen average service life ("ASL") and Iowa Curve are found in the Life Analysis section of my Exhibit DAW-2. All actuarial analysis is provided in the supporting study workpapers. Table 2 below shows the existing and proposed ASL and Iowa Curve for each account.

Table 2

Account	Description	Life Parameters: Existing ASL	Existing Iowa Curve	Proposed ASL	Proposed Iowa Curve
STORAGE PLANT					
35020	Rights-of-Way	50	R5	50	R5
35100	Well Structures	50	R4	50	R4
35200	Wells	50	S4	50	S4
35400	Compressor Station Equipment	50	S2	50	S2
35500	M&R Equipment	40	S3	55	R1.5
35600	Purification Equipment	40	R4	40	R4
35700	Other Equipment	35	S3	15	S3
TRANSMISSION PLANT					
36700	Mains - Cathodic Protection	55	R2	28	R0.5
36701	Mains - Steel	55	R2	62	R1
36900	M&R Station Equipment	40	R2	55	R1.5
DISTRIBUTION PLANT					
37402	Land Rights	60	R4	70	R4
37500	Structures and Improvements	35	S0	37	S1.5
37501	Structures and Improvements	35	S0	37	S1.5
37600	Mains - Cathodic Protection	55	R2	28	R0.5
37601	Mains - Steel	55	R2	60	S1
37602	Mains - Plastic	55	R2	60	S1
37603	Mains - Anodes	15	SQ	15	SQ
37604	Mains - Leak Clamps & Sleeves	14	SQ	20	SQ
37800	M&R Station Equipment	35	S0	40	R0.5
37900	City Gate Equipment	40	R2	55	R1.5
37905	M&R City Gate	40	R2	55	R1.5
37908	City Gate Equipment	40	R2	55	R1.5
38000	Services	44	R2	44	R2
38100	Meters	20	R3	28	R1
38300	House Regulators	25	R1.5	44	R2
38400	House Regulator Installations	25	R1.5	44	R2
38500	Industrial M&R Equipment	30	R1.5	37	R1.5
38700	Other Equipment	20	R4	10	SQ
GENERAL PLANT					
39000	Structures and Improvements	40	R1.5	40	R1.5
39003	Improvements	40	R1.5	40	R1.5
39004	Air Conditioning Equipment	40	R1.5	40	R1.5
39009	Leasehold Improvements	30	R2	20	R2
39100	Office Furniture and Equipment	15	SQ	20	SQ

39103	Office Machines	15	SQ	20	SQ
39200	Transportation Equipment	8	L3	20	L3
39300	Stores Equipment	25	SQ	25	SQ
39400	Tools, Shop, and Garage Equipment	20	SQ	17	SQ
39500	Laboratory Equipment	15	SQ	15	SQ
39600	Power Operated Equipment	9	S0.5	9	R1.5
39603	Ditchers	9	S0.5	9	R1.5
39604	Backhoes	9	S0.5	9	R1.5
39605	Welders	9	S0.5	9	R1.5
39700	Communication Equipment	15	SQ	15	SQ
39701	Mobile Radios	15	SQ	15	SQ
39702	Fixed Radios	15	SQ	15	SQ
39800	Miscellaneous Equipment	15	SQ	15	SQ
39900	Other Tangible Property	8	SQ	7	SQ
39901	Servers Hardware	7	SQ	7	SQ
39902	Servers Software	7	SQ	7	SQ
39903	Network Hardware	7	SQ	7	SQ
39906	PC Hardware	5	SQ	4	SQ
39907	PC Software	5	SQ	4	SQ
39908	Application Software	7	SQ	7	SQ

Excluded Accounts

35202	Reservoirs	Fully Accrued
36800	Compressor Station Equipment	No Balance

Q. PLEASE DESCRIBE SOME OF THE CHANGES IN THE AVERAGE SERVICE LIVES FOR THE VARIOUS ACCOUNTS?

A. Examples of some of the changes in average service lives are:

- The three largest decreases were a change in life of 20 years for Account 35700 – Other Equipment and a decrease of 27 years for Accounts 36700 and 37600 Cathodic Protection for Transmission and Distribution Mains. The life of the cathodic protection accounts had been previously combined with the mains accounts.
- The largest increases were changes in life of 19 years in Accounts 382-384 Meter Installations, House Regulators, and House Regulator Installations.

Also, there was an increase of 15 years for Measuring & Regulating Equipment in Accounts 36900, 37900, 37905, and 37908.

- Overall, 9 accounts experienced a decrease in average service life; 21 accounts experienced an increase in average service life; and 25 accounts remained the same.

The detailed analysis of each account is described fully in Exhibit DAW-2.

Q. WHAT IS NET SALVAGE?

A. While discussed more fully in the study itself, net salvage is the difference between the gross salvage (what the asset was sold for) and the removal cost (cost to remove and dispose of the asset). Salvage and removal cost percentages are calculated by dividing the current cost of salvage or removal by the retired original installed cost of the asset. Some plant assets can experience significant negative removal cost percentages due to the amount of removal cost and the timing of the addition versus the retirement. For example, a Distribution asset in FERC Account 376 Steel Mains with a current installed cost of $500 (2024) would have had an installed cost of $19.20[1] in 1964. A removal cost of $50 for the asset calculated (incorrectly) on current installed cost would only have a negative 10 percent removal cost ($50/$500). However, a correct removal cost calculation would show a negative 260 percent removal cost for that asset ($50/$19.20). Inflation from the time of installation of the asset until the time of its removal must be considered in the calculation of the removal cost percentage because the depreciation rate, which

[1] Using the Handy-Whitman Bulletin No. 200, G-3, line 44, $19.20 = $500 x 52/1615.

includes the removal cost percentage, will be applied to the original installed cost of assets.

Q. PLEASE DISCUSS THE BASIS FOR THE CURRENT APPROVED NET SALVAGE RATES.

A. Net salvage rates for the Company were last established by the Commission in Docket No. 19-ATMG-525-RTS. These net salvage rates were based on the normal or traditional approach to determine the net salvage percentages.

Q. HOW DID YOU DETERMINE THE NET SALVAGE PERCENTAGES FOR EACH ASSET GROUP?

A. Using the normal or traditional approach, the net salvage as a percent of retirements for various bands (i.e. groupings of years such as the five-year or 10-year average) for each account is shown in my Exhibit DAW-2. The historical experience, input from Company experts and judgment, were used to select a net salvage percentage that represents, or is moving toward, the future expectations for each account. The existing and proposed net salvage percentages are shown below in Table 3:

Table 3

Account	Description	Existing Net Salvage	Proposed Net Salvage
35020	Rights-of-Way	-10%	0%
35100	Well Structures	-10%	-10%
35200	Wells	-10%	-22%
35300	Pipelines	-10%	-10%
35400	Compressor Station Equipment	-10%	0%
35500	M&R Equipment	-10%	-5%
35600	Purification Equipment	-10%	-10%
35700	Other Equipment	-10%	-10%
36700	Mains - Cathodic Protection	-25%	-10%
36701	Mains - Steel	-25%	-25%
36900	M&R Station Equipment	-5%	-5%
37402	Land Rights	0%	0%

37500	Structures and Improvements	-5%	-5%
37501	Structures and Improvements	-5%	-5%
37600	Mains - Cathodic Protection	-25%	-10%
37601	Mains - Steel	-25%	-35%
37602	Mains - Plastic	-25%	-35%
37603	Mains - Anodes	0%	0%
37604	Mains - Leak Clamps & Sleeves	0%	0%
37800	M&R Station Equipment	-5%	-25%
37900	City Gate Equipment	-5%	-10%
37905	M&R City Gate	-5%	-10%
37908	City Gate Equipment	-5%	-10%
38000	Services	-30%	-35%
38100	Meters	0%	0%
38200	Meter Installations	-5%	-5%
38300	House Regulators	-5%	-5%
38400	House Regulator Installations	-5%	-5%
38500	Industrial M&R Equipment	-5%	-5%
38700	Other Equipment	-5%	-5%
39000	Structures and Improvements	-5%	-5%
39003	Improvements	-5%	-5%
39004	Air Conditioning Equipment	-5%	-5%
39009	Leasehold Improvements	0%	0%
39100	Office Furniture and Equipment	0%	0%
39103	Office Machines	0%	0%
39200	Transportation Equipment	10%	10%

Account	Description	Existing Net Salvage	Proposed Net Salvage
39300	Stores Equipment	0%	0%
39400	Tools, Shop, and Garage Equipment	0%	0%
39500	Laboratory Equipment	0%	0%
39600	Power Operated Equipment	5%	10%
39603	Ditchers	5%	10%
39604	Backhoes	5%	10%
39605	Welders	5%	10%
39700	Communication Equipment	0%	0%
39701	Mobile Radios	0%	0%
39702	Fixed Radios	0%	0%
39800	Miscellaneous Equipment	0%	0%
39900	Other Tangible Property	0%	0%
39901	Servers Hardware	0%	0%
39902	Servers Software	0%	0%
39903	Network Hardware	0%	0%
39906	PC Hardware	0%	0%

39907	PC Software	0%	0%
39908	Application Software	0%	0%

Q. PLEASE DESCRIBE SOME OF THE CHANGES IN THE NET SALVAGE PERCENTAGES FOR THE VARIOUS ACCOUNTS?

A. The detailed analysis of each account is described fully in Exhibit DAW-2. Examples of some of the changes in net salvage are:

- The largest increase (i.e. less negative or more positive) in net salvage was in Accounts 36700 and 37600 – Mains Cathodic Protection. Net salvage moved from a negative 25 percent to negative 10 percent. Also Accounts 35020 and 35400 moved from a negative 10 percent to 0 percent.
- The largest decrease (i.e. more negative or less positive) is in Account 37800 – M&R Station Equipment, which moved from a negative 5 percent to negative 25 percent. Another change is in Account 35200 – Wells, moving from a negative 10 percent to a negative 22 percent.
- Overall, 9 accounts experienced some level of increase (less negative or more positive) in net salvage; 8 accounts experienced a decrease (more negative or less positive) in net salvage; and 28 accounts remained the same.

The detailed analysis of each account is described fully in Exhibit DAW-2.

Q. IS THIS APPROACH TO NET SALVAGE THE MOST APPROPRIATE FOR SETTING DEPRECIATION RATES IN A REGULATED SETTING?

A. Yes. The approach used matches the costs of assets to the customers' use of the assets on a straight-line basis and is a conservative estimate of the future cash flow requirements needed to remove the Company's assets at the end of their lives. This

method has been used by nearly all utilities across the country for many years and it is backed by sound depreciation theory.

IV. COLORADO-KANSAS GENERAL OFFICE

Q. DID ALLIANCE PREPARE A 2024 DEPRECIATION STUDY FOR THE COLORADO-KANSAS GENERAL OFFICE?

A. Yes. We conducted a study as of September 30, 2024. The study recommendations and results are attached to my direct testimony as Exhibit DAW-3.

Q. ARE THE STEPS DESCRIBED ABOVE FOR THE KANSAS DIRECT DEPRECIATION STUDY THE SAME FOR THE COLORADO-KANSAS GENERAL OFFICE ASSETS?

A. Yes. The same approach and methods were used for both studies.

Q. WHAT PROPERTY IS INCLUDED IN THE COLORADO-KANSAS GENERAL OFFICE DEPRECIATION STUDY?

A. For COKS General Office, there is one general class of depreciable property which is related to general office activities. These assets include office buildings and leasehold improvements, office furniture, transportation equipment, computer software and hardware assets.

Q. WHAT TIME PERIOD WAS USED TO DEVELOP THE PROPOSED DEPRECIATION RATES?

A. The depreciation rates were developed based on the depreciable property recorded on COKS General Office books at September 30, 2024.

Q. WHAT ARE THE RESULTS OF THE ATMOS COKS GENERAL OFFICE DEPRECIATION STUDY?

A. The COKS General Office Depreciation Study is found in my direct Exhibit DAW-3. The annual depreciation and amortization expense is approximately $51,000 per year. More details related to the study and results are found in Exhibit DAW-3.

Q. WHAT ARE THE PRIMARY FORCES AFFECTING THE DEPRECIATION RATES RECOMMENDED IN THIS STUDY?

A. Generally, depreciation rates are affected by three separate factors – changes in average service life, changes in net salvage, and the effect of reserve position. The COKS General Office depreciation rates only have two of these affecting the rates, average service life and reserve position.

Q. ARE THERE ANY GENERAL OBSERVATIONS REGARDING THE LIFE AND NET SALVAGE PARAMETERS BEING RECOMMENDED IN THE STUDY YOU WOULD LIKE TO EXPLAIN?

A. Yes. The investment has declined overall. The largest investment balance is in the leased office building improvements and office furniture and equipment. However, investment for technology assets used to support the Colorado and Kansas operations remain. Overall, the current investment base is primarily shorter-lived assets. The net salvage analyses indicate no salvage or cost of removal is being experienced, therefore a zero percent net salvage rate is recommended for each account in the COKS General Office study. Detailed discussions for each account can be found in Exhibit DAW-3.

Q. WHAT ASSETS WERE ANALYZED FOR THE COKS GENERAL OFFICE DEPRECIATION STUDY?

A. The COKS General Office assets perform a common service to Atmos' Colorado and Kansas divisions. The assets used to perform these common services were analyzed during the depreciation study. As previously stated, these assets include, but are not limited to, office buildings, furniture and equipment, and any computer hardware or software utilized.

Q. WHAT DEPRECIATION RATES DOES THE COMPANY PROPOSE TO USE FOR COKS GENERAL OFFICE ASSETS?

A. The Company proposes to utilize the depreciation rates proposed in the depreciation study, which can be found in Exhibit DAW-3 on Appendix A.

Q. HAS ALLIANCE QUANTIFIED THE DEPRECIATION EXPENSE FOR COKS GENERAL OFFICE AS A RESULT OF THE IMPLEMENTATION OF THE PROPOSED DEPRECIATION RATES?

A. Yes. Based on September 30, 2024, plant balances, the annual depreciation expense related to COKS General Office is approximately $51,000 which can be found on Appendix A in Exhibit DAW-3. The direct impact to Atmos Kansas customers is addressed by Company Witness Greg Waller.

V. SHARED SERVICES UNIT DEPRECIATION STUDY

Q. DID ALLIANCE PREPARE A 2022 DEPRECIATION STUDY FOR ATMOS SHARED SERVICES?

A. Yes. We have conducted a study as of September 30, 2022. The study recommendations and results are attached to my direct testimony as Exhibit DAW-

4.

Q. ARE THE STEPS DESCRIBED ABOVE FOR THE KANSAS DIRECT AND COKS GENERAL OFFICE DIVISION DEPRECIATION STUDIES THE SAME FOR THE SHARED SERVICES ASSETS?

A. Yes. The same approach and methods were used for all the studies.

Q. WHAT PROPERTY IS INCLUDED IN THE SHARED SERVICES DEPRECIATION STUDY?

A. For Shared Services, there is one general class of depreciable property which is related to general office activities. These assets include office buildings and leasehold improvements, office furniture, communications equipment, transportation equipment, computer software and hardware and other miscellaneous general office assets.

Q. WHAT TIME PERIOD WAS USED TO DEVELOP THE PROPOSED DEPRECIATION RATES?

A. The depreciation rates were developed based on the depreciable property recorded on Shared Services' books at September 30, 2022.

Q. WHAT ARE THE RESULTS OF THE ATMOS SHARED SERVICES DEPRECIATION STUDY?

A. The 2022 Atmos Shared Services Depreciation Study is found in Exhibit DAW-4. The unallocated annual depreciation and amortization expense for Atmos Energy Shared Services is approximately $28.9 million per year. More details related to the study and results are found in Exhibit DAW-4.

Q. WHAT ARE THE PRIMARY FORCES AFFECTING THE DEPRECIATION RATES RECOMMENDED IN THIS STUDY?

A. Generally, depreciation rates are affected by three separate factors – changes in average service life, changes in net salvage, and the effect of reserve position. The Shared Service Division's depreciation rates only have two of these affecting the rates, average service life and reserve position.

Q. ARE THERE ANY GENERAL OBSERVATIONS REGARDING THE LIFE AND NET SALVAGE PARAMETERS BEING RECOMMENDED IN THE STUDY YOU WOULD LIKE TO EXPLAIN?

A. Yes. There is significant investment in the Shared Services Division related to technology-based assets which generally have shorter life expectations than gas distribution assets. The Company has moved from a mainframe environment to a server environment. The net salvage analyses for all Shared Services accounts indicate no salvage or cost of removal is being experienced, therefore a zero percent net salvage rate is recommended for each account in the Shared Services study. Detailed discussions for each account can be found in Exhibit DAW-4.

Q. WHAT ASSETS WERE ANALYZED FOR THE 2022 SHARED SERVICES DEPRECIATION STUDY?

A. The Shared Services assets perform a common service to all of Atmos' companies, including its regulated utility operations across multiple states, Kansas being one of the states. The assets used to perform these common services were analyzed during the depreciation study. As previously stated, these assets include, but are not limited to, office buildings, furniture and equipment, communication

equipment, and any computer hardware or software utilized. The top three largest investments in Shared Services are the application software, server hardware, and server software. These assets are primarily located in the Company's home office in Dallas, Texas and the customer service centers in Amarillo, Texas and Waco, Texas.

Q. WHAT DEPRECIATION RATES DOES THE COMPANY PROPOSE TO USE FOR SHARED SERVICES ASSETS?

A. The Company proposes to utilize the depreciation rates proposed in the Alliance depreciation study, which can be found in Exhibit DAW-4 on Appendix A.

Q. HAS ALLIANCE QUANTIFIED THE DEPRECIATION EXPENSE FOR SHARED SERVICES AS A RESULT OF THE IMPLEMENTATION OF THE PROPOSED DEPRECIATION RATES?

A. Yes. Based on September 30, 2022, plant balances, the annual depreciation expense related to Shared Services is approximately $28.9 million which can be found on Appendix A in Exhibit DAW-4. The direct impact to Atmos Kansas customers is addressed by Company Witness Greg Waller.

Q. HAS THE COMPANY REQUESTED APPROVAL OF THE PROPOSED SHARED SERVICES DEPRECIATION RATES IN ANY OTHER STATES?

A. Yes. All of the Texas utilities have submitted and received approval for Shared Services. The Company also received approval to adopt the SSU depreciation rates shown in DAW-4 for use by its gas utility divisions in Kentucky, Virginia, Tennessee, and Louisiana. It is also my understanding that Atmos Energy intends to request the adopting of the SSU depreciation rates in its other jurisdictions

according to its regulatory requirements and filings.

Q. WHEN WILL THE COMPANY CONDUCT ANOTHER SHARED SERVICES DEPRECIATION STUDY?

A. The Company has plans to perform a depreciation study on Shared Services assets about every four years. The Company's objective is to have reasonable depreciation rates in place that recognize the expense of those assets over their useful lives. It is important that the depreciation rates be as reasonable as possible, so the cost can be assessed to the proper generation of customer.

VI. CONCLUSION

Q. WHAT ACCOUNT DEPRECIATION RATES ARE YOU PROPOSING, AND HOW DO THEY COMPARE WITH THE CURRENT RATES?

A. The current depreciation rates and the rates I am now proposing related to the Kansas Direct are found in Table 1 and in Appendix A of my Exhibit DAW-2. Please see the direct testimony of Company Witness Greg Waller for the change in depreciation expense related to the COKS General Office and Shared Services for Kansas customers. Detailed calculations and comparisons of these rates are found in my studies, Exhibit DAW–2, Exhibit DAW-3, and Exhibit DAW-4.

Q. MR. WATSON, DO YOU HAVE ANY CONCLUDING REMARKS?

A. Yes. The depreciation studies and analysis performed under my supervision fully supports setting depreciation rates at the level I have indicated in my testimony. The Company should continue to periodically review the annual depreciation rates for its property. In this way, all customers are charged for their appropriate share of the capital expended for their benefit. The depreciation studies for Atmos

Energy's Kansas Direct gas depreciable property as of September 30, 2024, the COKS General Office as of September 30, 2024, and the Shared Services depreciable property as of September 30, 2022, describes the extensive analysis performed and the resulting rates that are now appropriate for Company property. The Company's depreciation rates should be set at my recommended amounts in order to recover the Company's total investment in property over the estimated remaining life of the assets.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes, it does.

VERIFICATION

STATE OF TEXAS)
)
COUNTY OF COLLIN)

Dane A. Watson, being duly sworn upon his oath, deposes and states that he is Managing Partner of Alliance Consulting Group; that he has read and is familiar with the foregoing Direct Testimony filed herewith; and that the statements made therein are true to the best of his knowledge, information and belief.

Dane A. Watson

Subscribed and sworn before me this 16th day of July, 2025.

Notary Public

My appointment expires: Dec. 6, 2027

TERESA STEWART
Notary ID #132275553
My Commission Expires
December 6, 2027

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
New Jersey	New Jersey Board of Public Utilities	WR25060372	Middlesex Water	2025	Water and Waste Water Depreciation Study
Texas	Public Utility Commission of Texas	58306	Oncor	2025	Depreciation Study
Mississippi	Mississippi Public Service Commission	2025-US-59	Atmos Energy	2025	Gas Depreciation Study
Texas	Public Utility Commission of Texas	Docket 57994	Sharyland Utilities	2025	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	25A-0165G	Public Service Company of Colorado	2025	Gas Depreciation Study
Texas	Public Utility Commission of Texas	57467	Cross Texas Transmission	2025	Electric Depreciation Study
Delaware	Delaware Public Service Commission	Docket 25-0037	Veolia Delaware	2024	Water Depreciation Study
Texas	Public Utility Commission of Texas	57299	Wind Energy Transmission Texas	2024	Wind Depreciation Rate Study
Tennessee	Tennessee Public Utility Commission	24-00085	Piedmont Natural Gas	2024	Gas Depreciation Study
Texas	Railroad Commission of Texas	No. 00019196	Atmos Mid-Tex	2024	Gas Depreciation Study
California	FERC	ER25-270-000	San Diego Gas and Electric	2024	TO6
Texas	Railroad Commission of Texas	No. 00018879	Atmos West Texas	2024	Natural Gas Depreciation Study
South Carolina	South Carolina Public Service Commission	2024-179-G	Piedmont Natural Gas	2024	Natural Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-21542	Upper Michigan Energy Resources Corporation	2024	Reciprocating Internal Combustion Engine (RICE) Units
California	California Public Utilities Commission	A2407003	California Water Service	2024	Water Depreciation Study
Alaska	Regulatory Commission of Alaska	U-24-017	Matanuska Electric Coop	2024	Electric Depreciation Study
New Mexico	Public Service of New Mexico	24-00089-UT	PNM Resources	2024	Electric Technical Update
Texas	Railroad Commission of Texas	17816	West Texas Gas	2024	Gas Depreciation Study
Texas	Public Utility Commission of Texas	56665	Texas Water Utilities	2024	Water Depreciation Study
Multi-state	FERC	EL24-60-000	Viridon Mid-Atlantic LLC	2024	Electric Depreciation Study
Multi-state	FERC	EL24-66-000	Viridon Southwest LLC	2024	Electric Depreciation Study
Multi-state	FERC	EL24-67-000	Viridon New York Inc.	2024	Electric Depreciation Study
Multi-state	FERC	EL24-69-000	Viridon Midcontinent LLC	2024	Electric Depreciation Study
North Carolina	North Carolina Utilities Commission	G-9, Sub 837	Piedmont Natural Gas	2024	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Mississippi	FERC	ER-24-1652-000	Mississippi Power Company	2024	Electric Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR24020158	Elizabethtown Gas Company	2024	Gas Depreciation Study
Texas New Mexico	FERC	ER24-1431-000	Southwestern Public Service Company	2024	Electric Technical Update
Missouri	Missouri Public Service Commission	WR-2024-0104	Liberty Utilities Missouri Water	2024	Water Depreciation Study
Missouri	Missouri Public Service Commission	SR-2024-0105	Liberty Utilities Missouri Waste Water	2024	Waste Water Depreciation Study
Texas	Public Utility Commission of Texas	56211	CenterPoint	2024	Electric Depreciation Study
California	California Public Utilities Commission	A.24-01-001	San Jose Water Co	2024	Water/Wastewater Depreciation Study
Missouri	Missouri Public Service Commission	GR-2024-0106	Liberty Utilities Mid States Gas	2024	Gas Depreciation Study
Pennsylvania	Pennsylvania Public Utility Commission	R-2024-3045193	Veolia Pennsylvania	2024	WasteWater Depreciation Study
Pennsylvania	Pennsylvania Public Utility Commission	R-2024-3045192	Veolia Pennsylvania	2024	Water Depreciation Study
Arkansas	Arkansas Public Service Commission	23-079-U	Summit Utilities Arkansas	2024	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	23A-0632G	Atmos Energy	2023	Gas Clean Heat Plan
Illinois	Illinois Commerce Commission	24-0043	Liberty Mid States Gas-Illinois	2023	Gas Depreciation Study
Oklahoma	Oklahoma Corporation Commission	2023-00087	Oklahoma Gas & Electric	2023	Electric Depreciation Study
Michigan	Michigan Public Service Commission	21513	Upper Peninsula Power Company	2023	Electric Depreciation Study
Texas	Public Utility Commission of Texas	55867	Lower Colorado River Authority	2023	Electric Depreciation Study
Texas	Railroad Commission of Texas	Case No. OS-23-00015513	CenterPoint Texas Gas	2023	Gas Depreciation Study
Nevada	Public Utility Commission of Nevada	23-090-12	Southwest Gas	2023	Gas Depreciation Study - Nevada Division
Louisiana	Public Service Commission of Louisiana	36959	Entergy Louisiana	2023	Electric Depreciation Study
Texas	Railroad Commission of Texas	13758	Atmos Energy - APT	2023	Gas Depreciation Study
Florida	Florida Public Service Commission	20230023	Peoples Gas System	2023	Gas Depreciation Study
Texas	Public Utility Commission of Texas	54565	Central States Water Resources (CSWR Texas)	2023	Water Depreciation Study
New York	New York State Public Service Commission	23-W-0111	Veolia New York	2023	Water Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Arkansas	Arkansas Public Service Commission	22-085-U	Empire District Electric Company	2023	Electric Depreciation Study
Texas	Public Utility Commission of Texas	54634	Southwestern Public Service Company	2023	Electric Technical Update
Louisiana	Louisiana Public Service Commission	U-36923	Cleco	2023	Electric Depreciation study
Arkansas	Arkansas Public Service Commission	22-085-U	Liberty Empire Electric Arkansas	2023	Electric Depreciation Study
Florida	Florida Public Service Commission	20220219	People Gas System	2022	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-21329	Michigan Gas Utilities Corporation	2022	Gas Depreciation Study
New Mexico	New Mexico Public Regulation Commission	22-00270-UT	Public Service of New Mexico	2022	Electric Depreciation Study
New Mexico	New Mexico Public Regulation Commission	22-00286-UT	Southwestern Public Service Company	2022	Electric Technical Update
Michigan	Michigan Public Service Commission	U-21294	SEMCO Gas	2022	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	22-064-U	Liberty Pine Bluff Water	2022	Water Depreciation Study
Colorado	Colorado Public Utilities Commission	22AL-0348G	Atmos Energy	2022	Gas Depreciation Study
New York	FERC	ER22-2581-000	New York Power Authority	2022	Electric Transmission and General Depreciation Study
South Carolina	South Carolina Public Service Commission	2022-89-G	Piedmont Natural Gas	2022	Natural Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-22-034	Chugach Electric Association	2022	Electric Depreciation Study
Georgia	Georgia Public Service Commission	44280	Georgia Power Company	2022	Electric Depreciation Study
Texas	Public Utility Commission of Texas	53719	Entergy Texas	2022	Electric Depreciation Study
California	California Public Utilities Commission	A22-005-016	San Diego Gas and Electric	2022	Electric Gas and Common Depreciation Study
California	California Public Utilities Commission	A22-005-015	Southern California Gas	2022	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	22AL-0046G	Public Service of Colorado	2022	Gas Alternatives to Climate Goals
Texas	Public Utility Commission of Texas	53601	Oncor Electric Delivery	2022	Electric Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR2222040253	South Jersey Gas	2022	Gas Depreciation Study
Oklahoma	Corporation Commission of Oklahoma	PUD 202100163	Empire District Electric Company	2022	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Michigan	Michigan Public Service Commission	U-21176	Consumers Gas	2021	Gas Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR21121254	Elizabethtown Natural Gas	2021	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	TA116-118, TA115-97, TA160-37 and TA110-290	Fairbanks Water and Wastewater	2021	Water and Waste Water Depreciation Study
Alaska	Regulatory Commission of Alaska	U-21-025	Golden Valley Electric Association	2021	Electric Depreciation Study
Colorado	Public Utilities Commission of Colorado	21AL-0317E	Public Service of Colorado	2021	Electric and Common Depreciation Study
Wisconsin	Public Service Commission of Wisconsin	5-DU-103	WE Energies	2021	Electric and Gas Depreciation Study
Kentucky	Public Service Commission of Kentucky	2021-00214	Atmos Kentucky	2021	Gas Depreciation Study
Missouri	Missouri Public Service Commission	ER-2021-0312	Empire District Electric Company	2021	Electric Depreciation Study
Louisiana	Louisiana Public Service Commission	U-35951	Atmos Louisiana	2021	Gas Depreciation Study
Minnesota	Minnesota Public Utilities Commission	E015-D-21-229	Allete Minnesota Power	2021	Intangible, Transmission, Distribution, and General Depreciation Study
Michigan	Michigan Public Service Commission	U-20849	Consumers Energy	2021	Electric and Common Depreciation Study
Texas	Public Utility Commission of Texas	51802	Southwestern Public Service Company	2021	Electric Technical Update
MultiState	FERC	RP21-441-000	Florida Gas Transmission	2021	Gas Depreciation Study
New Mexico	New Mexico Public Regulation Commission	20-00238-UT	Southwestern Public Service Company	2021	Electric Technical Update
MultiState	FERC	ER21-709-000	American Transmission Company	2020	Electric Depreciation Study
Texas	Public Utility Commission of Texas	51611	Sharyland Utilities	2020	Electric Depreciation Study
Texas	Public Utility Commission of Texas	51536	Brownsville Public Utilities Board	2020	Electric Depreciation Study
New Jersey	New Jersey Board of Public Utilities	WR20110729	Suez Water New Jersey	2020	Water and Waste Water Depreciation Study
Idaho	Idaho Public Service Commission	SUZ-W-20-02	Suez Water Idaho	2020	Water Depreciation Study
Texas	Public Utility Commission of Texas	50944	Monarch Utilities	2020	Water and Waste Water Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Michigan	Michigan Public Service Commission	U-20844	Consumers Energy/DTE Electric	2020	Ludington Pumped Storage Depreciation Study
Tennessee	Tennessee Public Utility Commission	20-00086	Piedmont Natural Gas	2020	Gas Depreciation Study
Texas	Railroad Commission of Texas	OS-00005136	CoServ Gas	2020	Gas Depreciation Study
Texas	Railroad Commission of Texas	GUD 10988	EPCOR Gas Texas	2020	Gas Depreciation Study
Florida	Florida Public Service Commission	20200166-GU	People Gas System	2020	Gas Depreciation Study
Mississippi	Federal Energy Regulatory Commission	ER20-1660-000	Mississippi Power Company	2020	Electric Depreciation Study
Texas	Public Utility Commission of Texas	50557	Corix Utilities	2020	Water and Waste Water Depreciation Study
Georgia	Georgia Public Service Commission	42959	Liberty Utilities Peach State Natural Gas	2020	Gas Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR20030243	South Jersey Gas	2020	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	20AL-0049G	Public Service of Colorado	2020	Gas Depreciation Study
New York	Federal Energy Regulatory Commission	ER20-716-000	LS Power Grid New York, Corp.	2019	Electric Transmission Depreciation Study
Mississippi	Mississippi Public Service Commission	2019-UN-219	Mississippi Power Company	2019	Electric Depreciation Study
Texas	Public Utility Commission of Texas	50288	Kerrville Public Utility District	2019	Electric Depreciation Study
Texas	Railroad Commission of Texas	GUD 10920	CenterPoint Gas	2019	Gas Depreciation Study and Propane Air Study
Texas, New Mexico	Federal Energy Regulatory Commission	ER20-277-000	Southwestern Public Service Company	2019	Electric Production and General Plant Depreciation Study
Alaska	Regulatory Commission of Alaska	U-19-086	Alaska Electric Light and Power	2019	Electric Depreciation Study
Delaware	Delaware Public Service Commission	19-0615	Suez Water Delaware	2019	Water Depreciation Study
Texas	Public Utility Commission of Texas	49831	Southwestern Public Service Company	2019	Electric Depreciation Study
New Mexico	New Mexico Public Regulation Commission	19-00170-UT	Southwestern Public Service Company	2019	Electric Depreciation Study
Georgia	Georgia Public Service Commission	42516	Georgia Power Company	2019	Electric Depreciation Study
Georgia	Georgia Public Service Commission	42315	Atlanta Gas Light	2019	Gas Depreciation Study
Arizona	Arizona Corporation Commission	G-01551A-19-0055	Southwest Gas Corporation	2019	Gas Removal Cost Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
New Hampshire	New Hampshire Public Service Commission	DE 19-064	Liberty Utilities	2019	Electric Distribution and General
New Jersey	New Jersey Board of Public Utilities	GR19040486	Elizabethtown Natural Gas	2019	Gas Depreciation Study
Texas	Public Utility Commission of Texas	49421	CenterPoint Houston Electric LLC	2019	Electric Depreciation Study
North Carolina	North Carolina Utilities Commission	Docket No. G-9, Sub 743	Piedmont Natural Gas	2019	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-18-121	Municipal Power and Light City of Anchorage	2018	Electric Depreciation Study
Various	FERC	RP19-352-000	Sea Robin	2018	Gas Depreciation Study
Texas New Mexico	Federal Energy Regulatory Commission	ER19-404-000	Southwestern Public Service Company	2018	Electric Transmission Depreciation Study
California	Federal Energy Regulatory Commission	ER19-221-000	San Diego Gas and Electric	2018	Electric Transmission Depreciation Study
Kentucky	Kentucky Public Service Commission	2018-00281	Atmos Kentucky	2018	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-18-054	Matanuska Electric Coop	2018	Electric Generation Depreciation Study
California	California Public Utilities Commission	A17-10-007	San Diego Gas and Electric	2018	Electric and Gas Depreciation Study
Texas	Public Utility Commission of Texas	48401	Texas New Mexico Power	2018	Electric Depreciation Study
Nevada	Public Utility Commission of Nevada	18-05031	Southwest Gas	2018	Gas Depreciation Study
Texas	Public Utility Commission of Texas	48231	Oncor Electric Delivery	2018	Depreciation Rates
Texas	Public Utility Commission of Texas	48371	Entergy Texas	2018	Electric Depreciation Study
Kansas	Kansas Corporation Commission	18-KCPE-480-RTS	Kansas City Power and Light	2018	Electric Depreciation Study
Arkansas	Arkansas Public Service Commission	18-027-U	Liberty Pine Bluff Water	2018	Water Depreciation Study
Kentucky	Kentucky Public Service Commission	2017-00349	Atmos KY	2018	Gas Depreciation Rates
Tennessee	Tennessee Public Utility Commission	18-00017	Chattanooga Gas	2018	Gas Depreciation Study
Texas	Railroad Commission of Texas	10679	Si Energy	2018	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-17-104	Anchorage Water and Wastewater	2017	Water and Waste Water Depreciation Study
Michigan	Michigan Public Service Commission	U-18488	Michigan Gas Utilities Corporation	2017	Gas Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Texas	Railroad Commission of Texas	10669	CenterPoint South Texas	2017	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	17-061-U	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Kansas	Kansas Corporation Commission	18-EPDE-184-PRE	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Oklahoma	Oklahoma Corporation Commission	PUD 201700471	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Missouri	Missouri Public Service Commission	EO-2018-0092	Empire District Electric Company	2017	Depreciation Rates for New Wind Generation
Michigan	Michigan Public Service Commission	U-18457	Upper Peninsula Power Company	2017	Electric Depreciation Study
Florida	Florida Public Service Commission	20170179-GU	Florida City Gas	2017	Gas Depreciation Study
Michigan	FERC	ER18-56-000	Consumers Energy	2017	Electric Depreciation Study
Missouri	Missouri Public Service Commission	GR-2018-0013	Liberty Utilities	2017	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-18452	SEMCO	2017	Gas Depreciation Study
Texas	Public Utility Commission of Texas	47527	Southwestern Public Service Company	2017	Electric Production Depreciation Study
MultiState	FERC	ER17-1664	American Transmission Company	2017	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-17-008	Municipal Power and Light City of Anchorage	2017	Generating Unit Depreciation Study
Mississippi	Mississippi Public Service Commission	2017-UN-041	Atmos Energy	2017	Gas Depreciation Study
Texas	Public Utility Commission of Texas	46957	Oncor Electric Delivery	2017	Electric Depreciation Study
Oklahoma	Oklahoma Corporation Commission	PUD 201700078	CenterPoint Oklahoma	2017	Gas Depreciation Study
New York	FERC	ER17-1010-000	New York Power Authority	2017	Electric Depreciation Study
Texas	Railroad Commission of Texas	GUD 10580	Atmos Pipeline Texas	2017	Gas Depreciation Study
Texas	Railroad Commission of Texas	GUD 10567	CenterPoint Texas	2016	Gas Depreciation Study
MultiState	FERC	ER17-191-000	American Transmission Company	2016	Electric Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR16090826	Elizabethtown Natural Gas	2016	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-18195	Consumers Energy/DTE Electric	2016	Ludington Pumped Storage Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Alabama	FERC	ER16-2313-000	SEGCO	2016	Electric Depreciation Study
Alabama	FERC	ER16-2312-000	Alabama Power Company	2016	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-18127	Consumers Energy	2016	Natural Gas Depreciation Study
Mississippi	Mississippi Public Service Commission	2016 UN 267	Willmut Natural Gas	2016	Natural Gas Depreciation Study
Iowa	Iowa Utilities Board	RPU-2016-0003	Liberty-Iowa	2016	Natural Gas Depreciation Study
Illinois	Illinois Commerce Commission	GRM #16-208	Liberty-Illinois	2016	Natural Gas Depreciation Study
Kentucky	FERC	RP16-097-000	KOT	2016	Natural Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-16-067	Alaska Electric Light and Power	2016	Generating Unit Depreciation Study
Florida	Florida Public Service Commission	160170-EI	Gulf Power	2016	Electric Depreciation Study
California	California Public Utilities Commission	A 16-07-002	California American Water	2016	Water and Waste Water Depreciation Study
Arizona	Arizona Corporation Commission	G-01551A-16-0107	Southwest Gas	2016	Gas Depreciation Study
Texas	Public Utility Commission of Texas	45414	Sharyland	2016	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	16A-0231E	Public Service Company of Colorado	2016	Electric Depreciation Study
Multi-State NE US	FERC	16-453-000	Northeast Transmission Development, LLC	2015	Electric Depreciation Study
Arkansas	Arkansas Public Service Commission	15-098-U	CenterPoint Arkansas	2015	Gas Depreciation Study and Cost of Removal Study
New Mexico	New Mexico Public Regulation Commission	15-00296-UT	Southwestern Public Service Company	2015	Electric Depreciation Study
Atmos Energy Corporation	Tennessee Regulatory Authority	14-00146	Atmos Tennessee	2015	Natural Gas Depreciation Study
New Mexico	New Mexico Public Regulation Commission	15-00261-UT	Public Service Company of New Mexico	2015	Electric Depreciation Study
Hawaii	NA	NA	Hawaii American Water	2015	Water/Wastewater Depreciation Study
Kansas	Kansas Corporation Commission	16-ATMG-079-RTS	Atmos Kansas	2015	Gas Depreciation Study
Texas	Public Utility Commission of Texas	44704	Entergy Texas	2015	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-15-089	Fairbanks Water and Wastewater	2015	Water and Waste Water Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Arkansas	Arkansas Public Service Commission	15-031-U	Source Gas Arkansas	2015	Underground Storage Gas Depreciation Study
New Mexico	New Mexico Public Regulation Commission	15-00139-UT	Southwestern Public Service Company	2015	Electric Depreciation Study
Texas	Public Utility Commission of Texas	44746	Wind Energy Transmission Texas	2015	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	15-AL-0299G	Atmos Colorado	2015	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	15-011-U	Source Gas Arkansas	2015	Gas Depreciation Study
Texas	Railroad Commission of Texas	GUD 10432	CenterPoint- Texas Coast Division	2015	Gas Depreciation Study
Kansas	Kansas Corporation Commission	15-KCPE-116-RTS	Kansas City Power and Light	2015	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-120	Alaska Electric Light and Power	2014-2015	Electric Depreciation Study
Texas	Public Utility Commission of Texas	43950	Cross Texas Transmission	2014	Electric Depreciation Study
New Mexico	New Mexico Public Regulation Commission	14-00332-UT	Public Service of New Mexico	2014	Electric Depreciation Study
Texas	Public Utility Commission of Texas	43695	Xcel Energy	2014	Electric Depreciation Study
Multi State – SE US	FERC	RP15-101	Florida Gas Transmission	2014	Gas Transmission Depreciation Study
California	California Public Utilities Commission	A.14-07-006	Golden State Water	2014	Water and Waste Water Depreciation Study
Michigan	Michigan Public Service Commission	U-17653	Consumers Energy Company	2014	Electric and Common Depreciation Study
Colorado	Public Utilities Commission of Colorado	14AL-0660E	Public Service of Colorado	2014	Electric Depreciation Study
Wisconsin	Wisconsin	05-DU-102	WE Energies	2014	Electric, Gas, Steam and Common Depreciation Studies
Texas	Public Utility Commission of Texas	42469	Lone Star Transmission	2014	Electric Depreciation Study
Nebraska	Nebraska Public Service Commission	NG-0079	Source Gas Nebraska	2014	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-055	TDX North Slope Generating	2014	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-14-054	Sand Point Generating LLC	2014	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Alaska	Regulatory Commission of Alaska	U-14-045	Matanuska Electric Coop	2014	Electric Generation Depreciation Study
Texas, New Mexico	Public Utility Commission of Texas	42004	Southwestern Public Service Company	2013-2014	Electric Production, Transmission, Distribution and General Plant Depreciation Study
New Jersey	New Jersey Board of Public Utilities	GR13111137	South Jersey Gas	2013	Gas Depreciation Study
Various	FERC	RP14-247-000	Sea Robin	2013	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	13-078-U	Arkansas Oklahoma Gas	2013	Gas Depreciation Study
Arkansas	Arkansas Public Service Commission	13-079-U	Source Gas Arkansas	2013	Gas Depreciation Study
California	California Public Utilities Commission	Proceeding No.: A.13-11-003	Southern California Edison	2013	Electric Depreciation Study
North Carolina/South Carolina	FERC	ER13-1313	Progress Energy Carolina	2013	Electric Depreciation Study
Wisconsin	Public Service Commission of Wisconsin	4220-DU-108	Northern States Power Company - Wisconsin	2013	Electric, Gas and Common Transmission, Distribution and General
Texas	Public Utility Commission of Texas	41474	Sharyland	2013	Electric Depreciation Study
Kentucky	Kentucky Public Service Commission	2013-00148	Atmos Energy Corporation	2013	Gas Depreciation Study
Minnesota	Minnesota Public Utilities Commission	13-252	Allete Minnesota Power	2013	Electric Depreciation Study
New Hampshire	New Hampshire Public Service Commission	DE 13-063	Liberty Utilities	2013	Electric Distribution and General
Texas	Railroad Commission of Texas	10235	West Texas Gas	2013	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-12-154	Alaska Telephone Company	2012	Telecommunications Utility
New Mexico	New Mexico Public Regulation Commission	12-00350-UT	Southwestern Public Service Company	2012	Electric Depreciation Study
Colorado	Colorado Public Utilities Commission	12AL-1269ST	Public Service Company of Colorado	2012	Gas and Steam Depreciation Study
Colorado	Colorado Public Utilities Commission	12AL-1268G	Public Service Company of Colorado	2012	Gas and Steam Depreciation Study
Alaska	Regulatory Commission of Alaska	U-12-149	Municipal Power and Light City of Anchorage	2012	Electric Depreciation Study
Texas	Public Utility Commission of Texas	40824	Xcel Energy	2012	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
South Carolina	Public Service Commission of South Carolina	Docket 2012-384-E	Progress Energy Carolina	2012	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-12-141	Interior Telephone Company	2012	Telecommunications Utility
Michigan	Michigan Public Service Commission	U-17104	Michigan Gas Utilities Corporation	2012	Gas Depreciation Study
North Carolina	North Carolina Utilities Commission	E-2 Sub 1025	Progress Energy Carolina	2012	Electric Depreciation Study
Texas	Public Utility Commission of Texas	40606	Wind Energy Transmission Texas	2012	Electric Depreciation Study
Texas	Public Utility Commission of Texas	40604	Cross Texas Transmission	2012	Electric Depreciation Study
Minnesota	Minnesota Public Utilities Commission	12-858	Northern States Power Company - Minnesota	2012	Electric, Gas and Common Transmission, Distribution and General
Texas	Railroad Commission of Texas	10170	Atmos Mid-Tex	2012	Gas Depreciation Study
Texas	Railroad Commission of Texas	10174	Atmos West Texas	2012	Gas Depreciation Study
Texas	Railroad Commission of Texas	10182	CenterPoint Beaumont/ East Texas	2012	Gas Depreciation Study
Kansas	Kansas Corporation Commission	12-KCPE-764-RTS	Kansas City Power and Light	2012	Electric Depreciation Study
Nevada	Public Utility Commission of Nevada	12-04005	Southwest Gas	2012	Gas Depreciation Study
Texas	Railroad Commission of Texas	10147, 10170	Atmos Mid-Tex	2012	Gas Depreciation Study
Kansas	Kansas Corporation Commission	12-ATMG-564-RTS	Atmos Kansas	2012	Gas Depreciation Study
Texas	Public Utility Commission of Texas	40020	Lone Star Transmission	2012	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-16938	Consumers Energy Company	2011	Gas Depreciation Study
Colorado	Public Utilities Commission of Colorado	11AL-947E	Public Service of Colorado	2011	Electric Depreciation Study
Texas	Public Utility Commission of Texas	39896	Entergy Texas	2011	Electric Depreciation Study
MultiState	FERC	ER12-212	American Transmission Company	2011	Electric Depreciation Study
California	California Public Utilities Commission	A1011015	Southern California Edison	2011	Electric Depreciation Study
Mississippi	Mississippi Public Service Commission	2011-UN-184	Atmos Energy	2011	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-16536	Consumers Energy Company	2011	Wind Depreciation Rate Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Texas	Public Utility Commission of Texas	38929	Oncor	2011	Electric Depreciation Study
Texas	Railroad Commission of Texas	10038	CenterPoint South TX	2010	Gas Depreciation Study
Alaska	Regulatory Commission of Alaska	U-10-070	Inside Passage Electric Cooperative	2010	Electric Depreciation Study
Texas	Public Utility Commission of Texas	36633	City Public Service of San Antonio	2010	Electric Depreciation Study
Texas	Railroad Commission of Texas	10000	Atmos Pipeline Texas	2010	Gas Depreciation Study
Multi State – SE US	FERC	RP10-21-000	Florida Gas Transmission	2010	Gas Depreciation Study
Maine/ New Hampshire	FERC	10-896	Granite State Gas Transmission	2010	Gas Depreciation Study
Texas	Public Utility Commission of Texas	38480	Texas New Mexico Power	2010	Electric Depreciation Study
Texas	Public Utility Commission of Texas	38339	CenterPoint Electric	2010	Electric Depreciation Study
Texas	Railroad Commission of Texas	10041	Atmos Amarillo	2010	Gas Depreciation Study
Georgia	Georgia Public Service Commission	31647	Atlanta Gas Light	2010	Gas Depreciation Study
Texas	Public Utility Commission of Texas	38147	Southwestern Public Service	2010	Electric Technical Update
Alaska	Regulatory Commission of Alaska	U-09-015	Alaska Electric Light and Power	2009-2010	Electric Depreciation Study
Alaska	Regulatory Commission of Alaska	U-10-043	Utility Services of Alaska	2009-2010	Water Depreciation Study
Michigan	Michigan Public Service Commission	U-16055	Consumers Energy/DTE Energy	2009-2010	Ludington Pumped Storage Depreciation Study
Michigan	Michigan Public Service Commission	U-16054	Consumers Energy	2009-2010	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-15963	Michigan Gas Utilities Corporation	2009	Gas Depreciation Study
Michigan	Michigan Public Service Commission	U-15989	Upper Peninsula Power Company	2009	Electric Depreciation Study
Texas	Railroad Commission of Texas	9869	Atmos Energy	2009	Shared Services Depreciation Study
Mississippi	Mississippi Public Service Commission	09-UN-334	CenterPoint Energy Mississippi	2009	Gas Depreciation Study
Texas	Railroad Commission of Texas	9902	CenterPoint Energy Houston	2009	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	09AL-299E	Public Service Company of Colorado	2009	Electric Depreciation Study
Louisiana	Louisiana Public Service Commission	U-30689	Cleco	2008	Electric Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Texas	Public Utility Commission of Texas	35763	Southwestern Public Service Company	2008	Electric Production, Transmission, Distribution and General Plant Depreciation Study
Wisconsin	Wisconsin	05-DU-101	WE Energies	2008	Electric, Gas, Steam and Common Depreciation Studies
North Dakota	North Dakota Public Service Commission	PU-07-776	Northern States Power Company - Minnesota	2008	Net Salvage
New Mexico	New Mexico Public Regulation Commission	07-00319-UT	Southwestern Public Service Company	2008	Testimony – Depreciation
Multiple States	Railroad Commission of Texas	9762	Atmos Energy	2007-2008	Shared Services Depreciation Study
Minnesota	Minnesota Public Utilities Commission	E015/D-08-422	Minnesota Power	2007-2008	Electric Depreciation Study
Texas	Public Utility Commission of Texas	35717	Oncor	2008	Electric Depreciation Study
Texas	Public Utility Commission of Texas	34040	Oncor	2007	Electric Depreciation Study
Michigan	Michigan Public Service Commission	U-15629	Consumers Energy	2006-2009	Gas Depreciation Study
Colorado	Colorado Public Utilities Commission	06-234-EG	Public Service Company of Colorado	2006	Electric Depreciation Study
Arkansas	Arkansas Public Service Commission	06-161-U	CenterPoint Energy – Arkla Gas	2006	Gas Distribution Depreciation Study and Removal Cost Study
Texas, New Mexico	Public Utility Commission of Texas	32766	Southwestern Public Service Company	2005-2006	Electric Production, Transmission, Distribution and General Plant Depreciation Study
Texas	Railroad Commission of Texas	9670/9676	Atmos Energy Corp	2005-2006	Gas Distribution Depreciation Study
Texas	Railroad Commission of Texas	9400	TXU Gas	2003-2004	Gas Distribution Depreciation Study
Texas	Railroad Commission of Texas	9313	TXU Gas	2002	Gas Distribution Depreciation Study
Texas	Railroad Commission of Texas	9225	TXU Gas	2002	Gas Distribution Depreciation Study
Texas	Public Utility Commission of Texas	24060	TXU	2001	Line Losses
Texas	Public Utility Commission of Texas	23640	TXU	2001	Line Losses
Texas	Railroad Commission of Texas	9145-9148	TXU Gas	2000-2001	Gas Distribution Depreciation Study
Texas	Public Utility Commission of Texas	22350	TXU	2000-2001	Electric Depreciation Study, Unbundling
Texas	Railroad Commission of Texas	8976	TXU Pipeline	1999	Pipeline Depreciation Study

Dane Watson Testimony Appearances

Asset Location	Commission	Docket (If Applicable	Company	Year	Description
Texas	Public Utility Commission of Texas	20285	TXU	1999	Fuel Company Depreciation Study
Texas	Public Utility Commission of Texas	18490	TXU	1998	Transition to Competition
Texas	Public Utility Commission of Texas	16650	TXU	1997	Customer Complaint
Texas	Public Utility Commission of Texas	15195	TXU	1996	Mining Company Depreciation Study
Texas	Public Utility Commission of Texas	12160	TXU	1993	Fuel Company Depreciation Study
Texas	Public Utility Commission of Texas	11735	TXU	1993	Electric Depreciation Study

ATMOS ENERGY CORPORATION

KANSAS DIVISION

DEPRECIATION RATE STUDY

As of September 30, 2024

ALLIANCE CONSULTING GROUP

http://www.utilityalliance.com

ATMOS ENERGY CORPORATION
KANSAS DIVISION
DEPRECIATION RATE STUDY
EXECUTIVE SUMMARY

Atmos Energy Corporation ("Atmos" or "Company") engaged Alliance Consulting Group to conduct a depreciation study of the Company's Kansas Division ("Kansas") natural gas operations depreciable assets as of fiscal year end September 30, 2024.

The existing depreciation rates were based on the straight-line method, average life group ("ALG") procedure, and remaining-life technique through a stipulated agreement. This study recommends the straight-line method, equal life group ("ELG") procedure, and remaining-life technique. This study recommends an increase of $2.9 million in annual depreciation expense when compared to the depreciation rates currently in effect. Life estimates showed the following changes: 21 accounts have an increase in life, 9 accounts have a decrease in life, 25 accounts remained unchanged and there are four accounts for which no comparison is possible. Net salvage showed the following changes: 8 accounts have a decrease in net salvage (more negative/less positive), 9 accounts have an increase in net salvage (less negative/more positive), 38 accounts remained unchanged and there are four accounts for which no comparison is possible.

The depreciation study we conducted analyzed and developed depreciation recommendations at an account level. The resulting annual depreciation accrual amounts, and depreciation rates are also provided at the account level. The Company will accrue depreciation expense based on the account level depreciation rates developed in this study. The depreciation study also reflects the continued use of Vintaged Group Amortization for certain General Plant accounts. Appendix A demonstrates the change in depreciation expense.

ATMOS ENERGY CORPORATION
KANSAS DIVISION
DEPRECIATION RATE STUDY
As of September 30, 2024
Table of Contents

PURPOSE

The purpose of this study is to develop depreciation rates for the depreciable property as recorded on Atmos' books at September 30, 2024. The account-based depreciation rates were designed to recover the total remaining undepreciated investment, adjusted for net salvage, over the remaining life of Atmos' property on a straight-line basis. Non-depreciable property and property which is amortized such as intangible software were excluded from this study.

Atmos provides local gas distribution service to approximately 141,000 customers, which is residential, commercial and industrial customers in 105 communities. These communities range from northeast Kansas (including Olathe and Kansas City, KS) to southwest Kansas (including Johnson City, Ulysses, and Syracuse). They also serve southeast communities like Independence and Coffeyville, as well as central Kansas communities like Anthony, Caldwell, Ness City, and Herington. Its assets consist of a complex system of some high-pressure transmission, but primarily high, intermediate and low pressure distribution networks, including over 4,150 miles of gas distribution mains, located across the service area. It has a number of receipt points or city gates, throughout the system where gas enters the distribution system with approximately 600 district regulator stations, which is then delivered to customers for burner tip consumption.

STUDY RESULTS

The current study annual depreciation expense results from the use of Iowa Curve dispersion patterns with the straight-line method, equal life group ("ELG") procedure and remaining-life technique, and consideration of net salvage in the development of the study recommended depreciation rates. Detailed information for each of these factors will follow in this report. The existing rates were part of a stipulation agreement, which utilized the straight-line method, average life group ("ALG") procedure, and remaining-life technique.

Overall depreciation rates for Kansas depreciable property are shown in Appendix A. The recommended rates translate into an annual depreciation accrual of $18.9 million based on Kansas's depreciable investment at September 30, 2024. The annual equivalent depreciation expense calculated by the same method using the currently approved rates was $16.0 million. The primary drivers for the increase in the annual depreciation expense when compared to the existing is the change in procedure from the ALG to ELG and the change in net salvage for Accounts 37602 Plastic Mains and 38000 Services.

Consistent with the prior study, this depreciation study continues Vintaged Group Amortization in Accounts 391 through 399, excluding 392 and 396. This process provides for the amortization of general plant over the same life as recommended in this study. At the end of the amortized life, property will be retired from the books. This approach provides for the timely retirement of assets and the simplification of accounting for general property. This Commission approved this approach in the last depreciation study.

Appendix A presents a comparison of the existing rates to the recommended study rates. Appendix B presents the development of the depreciation rates and annual accruals. Appendix C presents the mortality and net salvage parameters by account. Appendix D shows net salvage history by plant account.

GENERAL DISCUSSION

Definition

The term "depreciation" as used in this study is considered in the accounting sense, that is, a system of accounting that distributes the cost of assets, less net salvage (if any), over the estimated useful life of the assets in a systematic and rational manner. It is a process of allocation, not valuation. This expense is systematically allocated to accounting periods over the life of the properties. The amount allocated to any one accounting period does not necessarily represent the loss or decrease in value that will occur during that particular period. The Company accrues depreciation on the basis of the original cost of all depreciable property included in each functional property group. On retirement the full cost of depreciable property, less the net salvage value, is charged to the depreciation reserve.

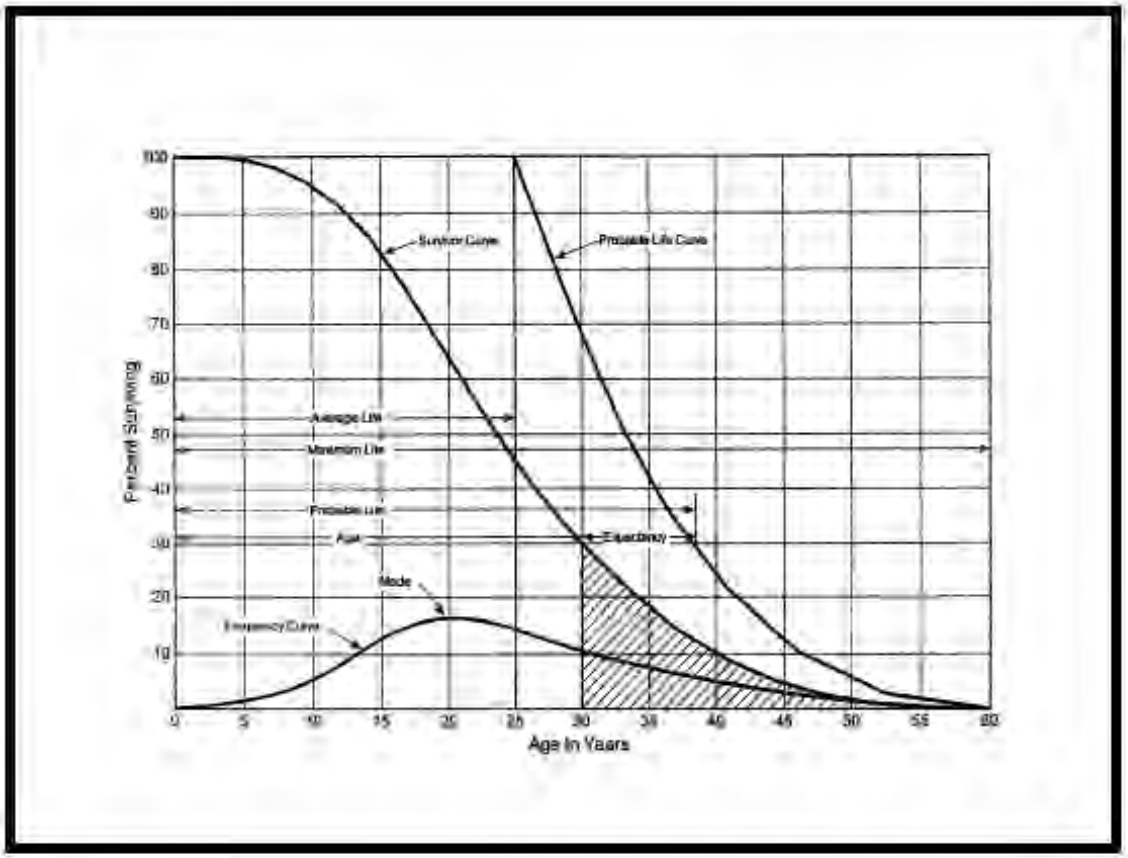
Basis of Depreciation Estimates

The straight-line, equal life group, remaining-life depreciation system was employed to calculate annual and accrued depreciation in this study. In this system, the annual depreciation expense for each group is computed by dividing the original cost of the asset less allocated depreciation reserve less estimated net salvage by its respective equal life group remaining life. The resulting annual accrual amounts of all depreciable property within a function were accumulated, and the total was divided by the original cost of all functional depreciable property to determine the depreciation rate. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group. The computations of the annual depreciation rates are shown in Appendix B and remaining life calculations are provided in the workpapers.

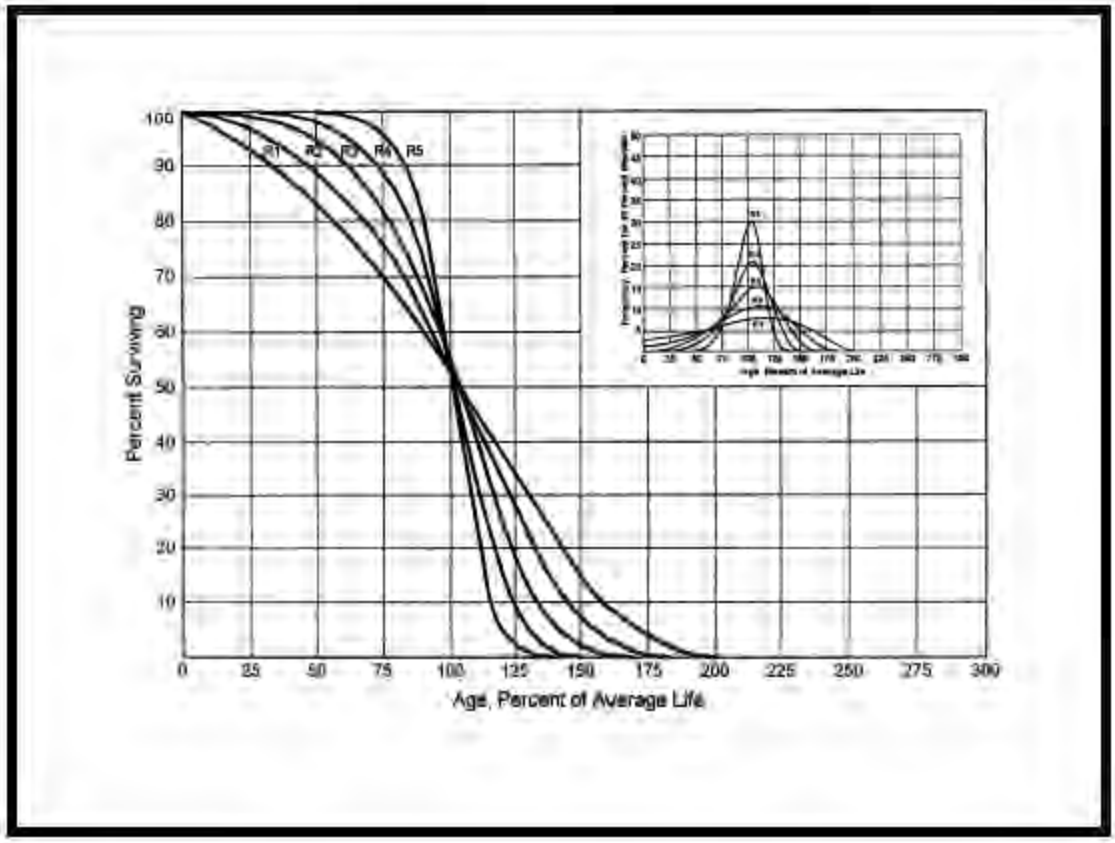
Actuarial analysis is used with each account within a function where sufficient data was available, and judgment was used to some degree on all accounts.

Survivor Curves

To fully understand depreciation projections in a regulated utility setting, there must be a basic understanding of survivor curves. Individual property units within a group do not normally have identical lives or investment amounts. The average life of a group can be determined by first constructing a survivor curve which is plotted as a percentage of the units surviving at each age. A survivor curve represents the percentage of property remaining in service at various age intervals. The Iowa Curves are the result of an extensive investigation of life characteristics of physical property made at Iowa State College Engineering Experiment Station in the first half of the prior century. Through common usage, revalidation and regulatory acceptance, these curves have become a descriptive standard for the life characteristics of industrial property. An example of an Iowa Curve is shown below.



There are four families in the Iowa Curves that are distinguished by the relation of the age at the retirement mode (largest annual retirement frequency) and the average life. For distributions with the mode age greater than the average life, an "R" designation (i.e., Right modal) is used. The family of “R” moded curves is shown below.



Similarly, an "S" designation (i.e., Symmetric modal) is used for the family whose mode age is symmetric about the average life. An "L" designation (i.e., Left modal) is used for the family whose mode age is less than the average life. A special case of left modal dispersion is the "O" or origin modal curve family. Within each curve family, numerical designations are used to describe the relative magnitude of the retirement frequencies at the mode. A "6" indicates that the retirements are not greatly dispersed from the mode (i.e., high mode frequency) while a "1" indicates a large dispersion about the mode (i.e., low mode frequency).

For example, a curve with an average life of 30 years and an "L3" dispersion is a moderately dispersed, left modal curve that can be designated as a 30 L3 Curve. An SQ, or square, survivor curve occurs where no dispersion is present (i.e., units of common age retire simultaneously).

Most property groups can be closely fitted to one Iowa Curve with a unique average service life. The blending of judgment concerning current conditions and future trends along with the matching of historical data permits the depreciation analyst to make an informed selection of an account's average life and retirement dispersion pattern.

Actuarial Analysis

Actuarial analysis (retirement rate method) was used in evaluating historical asset retirement experience where vintage data were available and sufficient retirement activity was present. In actuarial analysis, interval exposures (total property subject to retirement at the beginning of the age interval, regardless of vintage) and age interval retirements are calculated. The complement of the ratio of interval retirements to interval exposures establishes a survivor ratio. The survivor ratio is the fraction of property surviving to the end of the selected age interval, given that it has survived to the beginning of that age interval. Survivor ratios for all of the available age intervals were chained by successive multiplications to establish a series of survivor factors, collectively known as an observed life table. The observed life table shows the experienced mortality characteristic of the account and may be compared to standard mortality curves such as the Iowa Curves. Where data was available, accounts were analyzed using this method. Placement bands were used to illustrate the composite history over a specific era, and experience bands were used to focus on retirement history for all vintages during a set period. The results from these analyses, for those accounts which had data sufficient to be analyzed, are shown in the Life Analysis section of this report.

Judgment

Any depreciation study requires informed judgment by the analyst conducting the study. A knowledge of the property being studied, company policies and procedures, general trends in technology and industry practice, and a sound basis of understanding depreciation theory are needed to apply this informed judgment. Judgment was used in areas such as survivor curve modeling and selection, depreciation method selection, simulated plant record method analysis, and actuarial analysis.

Judgment is not defined as being used in cases where there are specific, significant pieces of information that influence the choice of a life or curve. Those cases would simply be a reflection of specific facts into the analysis. Where there are multiple factors, activities, actions, property characteristics, statistical inconsistencies, implications of applying certain curves, property mix in accounts or a multitude of other considerations that impact the analysis (potentially in various directions), judgment is used to take all of these factors and synthesize them into a general direction or understanding of the characteristics of the property. Individually, no one factor in these cases may have a substantial impact on the analysis, but overall, may shed light on the utilization and characteristics of assets. Judgment may also be defined as deduction, inference, wisdom, common sense, or the ability to make sensible decisions. There is no single correct result from statistical analysis; hence, there is no answer absent judgment. At the very least for example, any analysis requires choosing which bands to place more emphasis.

The establishment of appropriate average service lives and retirement dispersions for the Storage, Transmission, Distribution and General accounts requires judgment to incorporate the understanding of the operation of the system with the available accounting information analyzed using the actuarial method. The appropriateness of lives and curves depends not only on statistical analyses, but also on how well future retirement patterns will match past retirements.

Current applications and trends in use of the equipment also need to be factored into life and survivor curve choices in order for appropriate mortality characteristics to be chosen.

Equal Life Group Depreciation

Atmos agreed that the use of the ELG depreciation procedure was appropriate. This study uses the ELG depreciation procedure to group the assets within each account. After an average service life and dispersion were selected for each account, those parameters were used to estimate what portion of the surviving investment of each vintage was expected to retire. The depreciation of the group continues until all investment in the vintage group is retired. ELG groups are defined by their respective account dispersion, life, and net salvage estimates. A straight-line rate for each ELG group is computed and accumulated across each vintage. The resulting rate for each ELG group is designed to recover all retirements less net salvage as each vintage retires. The ELG procedure recovers net book cost over the life of each ELG group rather than averaging many components. It also closely matches the concept of component or item accounting found in all accounting textbooks.

Theoretical Depreciation Reserve

The Company's book depreciation reserves were reallocated within each function by plant account based on the theoretical reserves for each account. This study used a reserve model that relied on a prospective concept relating future retirement and accrual patterns for property, given current life and salvage estimates. The theoretical reserve of a group is developed from the estimated remaining life, total life of the property group, and estimated net salvage. The theoretical reserve represents the portion of the group cost that would have been accrued if current forecasts were used throughout the life of the group for future depreciation accruals. The computation involves multiplying the vintage balances within the group by the theoretical reserve ratio for each vintage. The equal life

group method requires an estimate of dispersion and service life to establish how much of each vintage is expected to be retired in each year until all property within the vintage is retired. Estimated average service lives and dispersion determine the amount within each equal life group. The equal life group-remaining-life theoretical reserve ratio (RRELG) is calculated as:

$$RRELG = 1 - \frac{(ELG\ Remaining\ Life)}{(ELG\ Life)} * (1 - Net\ Salvage\ Ratio)$$

DETAILED DISCUSSION

Depreciation Study Process

This depreciation study encompassed four distinct phases. The first phase involved data collection and field interviews. The second phase was where the initial data analysis occurred. The third phase was where the information and analysis were evaluated. Once the first three stages were complete, the fourth phase began. This phase involved the calculation of deprecation rates and documenting the corresponding recommendations.

During the Phase I data collection process, historical data was compiled from continuing property records and general ledger systems. Data was validated for accuracy by extracting and comparing to multiple financial system sources. Audit of this data was validated against historical data from prior periods, historical general ledger sources, and field personnel discussions. This data was reviewed extensively to put in the proper format for a depreciation study. Further discussion on data review and adjustment is found in the Salvage Considerations Section of this study. Also as part of the Phase I data collection process, numerous discussions were conducted with engineers and field operations personnel to obtain information that would assist in formulating life and salvage recommendations in this study. One of the most important elements of performing a proper depreciation study is to understand how the Company utilizes assets and the environment of those assets. Interviews with engineering and operations personnel are important ways to allow the analyst to obtain information that is beneficial when evaluating the output from the life and net salvage programs in relation to the Company's actual asset utilization and environment. Information that was gleaned in these discussions is found both in the Detailed Discussion of this study in the life analysis and salvage analysis sections and also in workpapers.

Phase 2 is where the SPR analysis is performed. Phases 2 and 3 overlap to a significant degree. The detailed property records information is used in phase 2 to develop observed life tables for life analysis. These tables are visually compared to industry standard tables to determine historical life characteristics. It is possible that the analyst would cycle back to this phase based on the evaluation process performed in phase 3. Net salvage analysis consists of compiling historical salvage and removal data by functional group to determine values and trends in gross salvage and removal cost. This information was then carried forward into phase 3 for the evaluation process.

Phase 3 is the evaluation process which synthesizes analysis, interviews, and operational characteristics into a final selection of asset lives and net salvage parameters. The historical analysis from phase 2 is further enhanced by the incorporation of recent or future changes in the characteristics or operations of assets that were revealed in phase 1. Phases 2 and 3 allow the depreciation analyst to validate the asset characteristics as seen in the accounting transactions with actual Company operational experience.

Finally, Phase 4 involved the calculation of accrual rates, making recommendations and documenting the conclusions in a final report. The calculation of accrual rates is found in Appendix A. Recommendations for the various accounts are contained within the Detailed Discussion of this report. The depreciation study flow diagram shown as Figure 1[1] documents the steps used in conducting this study. Depreciation Systems, page 289 documents the same basic processes in performing a depreciation study which are: Statistical analysis, evaluation of statistical analysis, discussions with management, forecast assumptions, write logic supporting forecasts and estimation, and write final report.

[1] Public Utility Finance & Accounting, A Reader

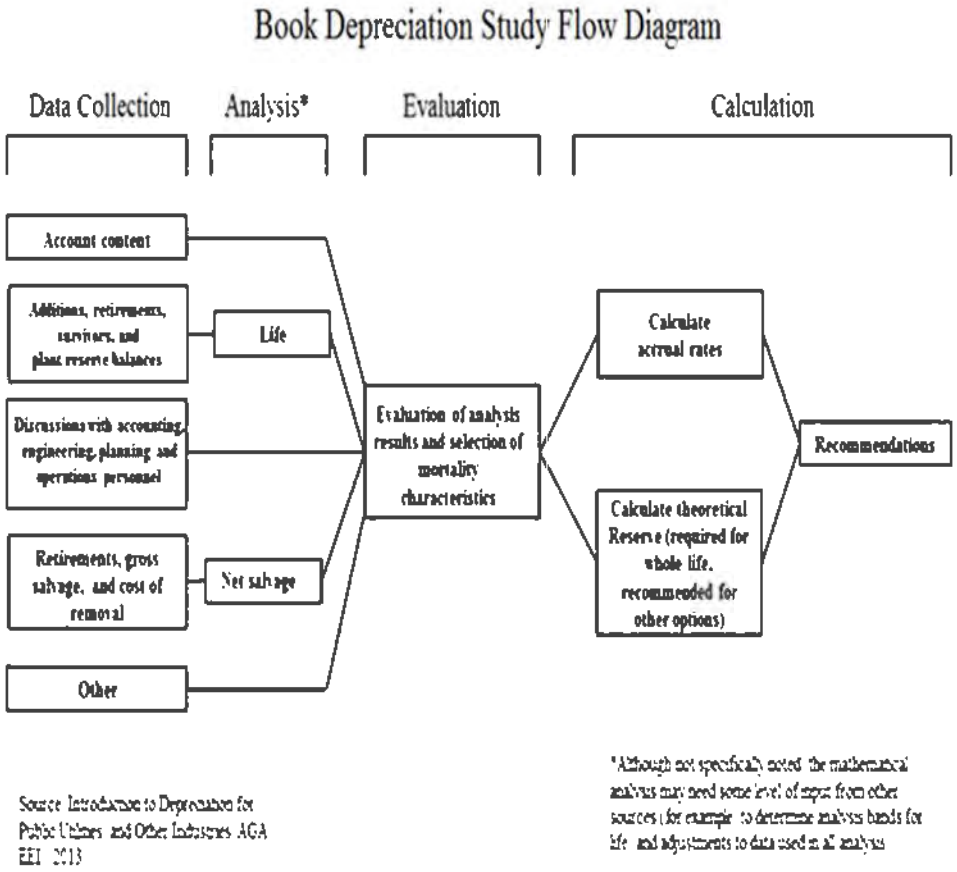


Figure 1

ATMOS KANSAS DEPRECIATION STUDY PROCESS

Depreciation Rate Calculation

Annual depreciation expense amounts for the depreciable property accounts of Atmos were calculated by the straight line, equal life group, and remaining-life system. With this approach, remaining lives were calculated according to standard ELG group expectancy techniques, using the Iowa Survivor Curves noted in the calculation. For each plant account, the difference between the surviving investment, adjusted for estimated net salvage and the allocated book depreciation reserve, was divided by the average remaining life to yield the annual depreciation expense. These calculations are shown in Appendix B.

Remaining Life Calculation

The establishment of appropriate average service lives and retirement dispersions for each account within a functional group was based on engineering judgment that incorporated available accounting information analyzed using the actuarial methods. After establishment of appropriate average service lives and retirement dispersions, remaining lives were computed for each account. The theoretical depreciation reserve with zero net salvage (used in calculating remaining life) was calculated using theoretical reserve ratios as defined in the theoretical reserve portion of the general discussion section. The difference between plant balance and theoretical reserve was then spread over the ELG depreciation accruals. After accumulating the ELG accruals across each vintage, the annual accrual was divided into the net balance to compute remaining life. Details of the theoretical reserve computations, ELG accruals, and remaining life are found by account in the study workpapers.

Calculation Process

Annual depreciation expense amounts for all accounts were calculated by the straight line, remaining life procedure.

In a whole life representation, the annual accrual rate is computed by the following equation,

$$\text{Annual Accrual Rate} = \frac{(100\% - \text{Net Salvage Percent})}{\text{Average Service Life}}$$

Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of the group. With the straight line, remaining life, average life group system using Iowa Curves, composite remaining lives were calculated according to standard broad group expectancy techniques, noted in the formula below:

$$\text{Composite Remaining Life} = \frac{\sum \text{Original Cost} - \text{Theoretical Reserve}}{\sum \text{Whole Life Annual Accrual}}$$

For each plant account, the difference between the surviving investment, adjusted for estimated net salvage, and the allocated book depreciation reserve, was divided by the composite remaining life to yield the annual depreciation expense as noted in this equation.

$$\text{Annual Depreciation Expense} = \frac{\text{Original Cost} - \text{Book Reserve} - (\text{Original Cost}) * (1 - \text{Net Salvage \%})}{\text{Composite Remaining Life}}$$

Where the net salvage percent represents future net salvage.

Within a group, the sum of the group annual depreciation expense amounts, as a percentage of the depreciable original cost investment summed, gives the annual depreciation rate as shown below:

$$\text{Annual Depreciation Rate} = \frac{\sum \text{Annual Depreciation Expense}}{\sum \text{Original Cost}}$$

These calculations are shown in Appendix B. The calculations of the theoretical depreciation reserve values and the corresponding remaining life calculations are shown in workpapers. Book depreciation reserves were allocated

from a functional level to individual accounts and the theoretical reserve computation was used to compute a composite remaining life for each account.

LIFE ANALYSIS

The actuarial analysis method was applied to all accounts for Atmos Kansas, where sufficient historical data exists. For each account, an actuarial analysis was made with placement and experience bands of varying width depending on the account historical data. The overall band (i.e., placement from earliest vintage year through 2024 and experience band from earliest available experience year and the most recently approved survivor curve were used as a starting point. Different experience bands were plotted and analyzed: 2005-2024, 1995-2024, 1975-2024 etc. Next placement bands of varying widths were plotted with each experience band discussed above. Repeated matching usually pointed to a focus on one dispersion family and small range of service lives. The goal of visual matching was to minimize the differential between the observed life table and Iowa Curve in top and mid-range of the plots. Each account generally had various dispersion curves plotted. These results are used in conjunction with all other factors that may influence asset lives.

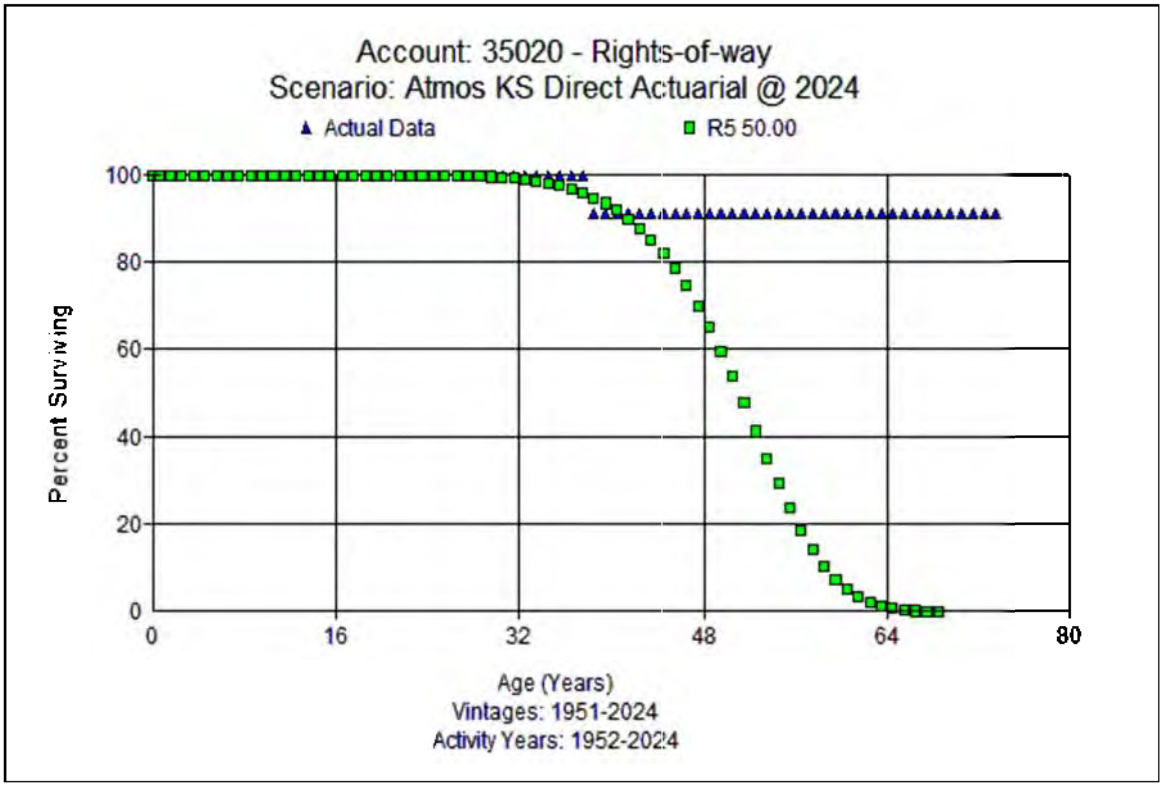
Storage Plant – FERC Accounts 35020-35700

Account 35020 Rights of Way (50 R5)

This account includes the cost of land rights located on underground storage lines and other property associated with underground gas storage operations. The account balance is approximately $569 thousand. The existing life for this account is 50 R5.

Due to the nature of property in this account, retirement of rights of way occurs infrequently. Thus, depreciable rights of way have limited retirement experience available for life analysis, which resulted in the analysis being inconclusive. Rights of way in the storage function are generally obtained to allow access to the storage wells and follows the life of the underlying assets.

This study proposes retention of the existing 50 R5 life and curve. A graph of the observed life table versus the proposed life and curve is shown below.



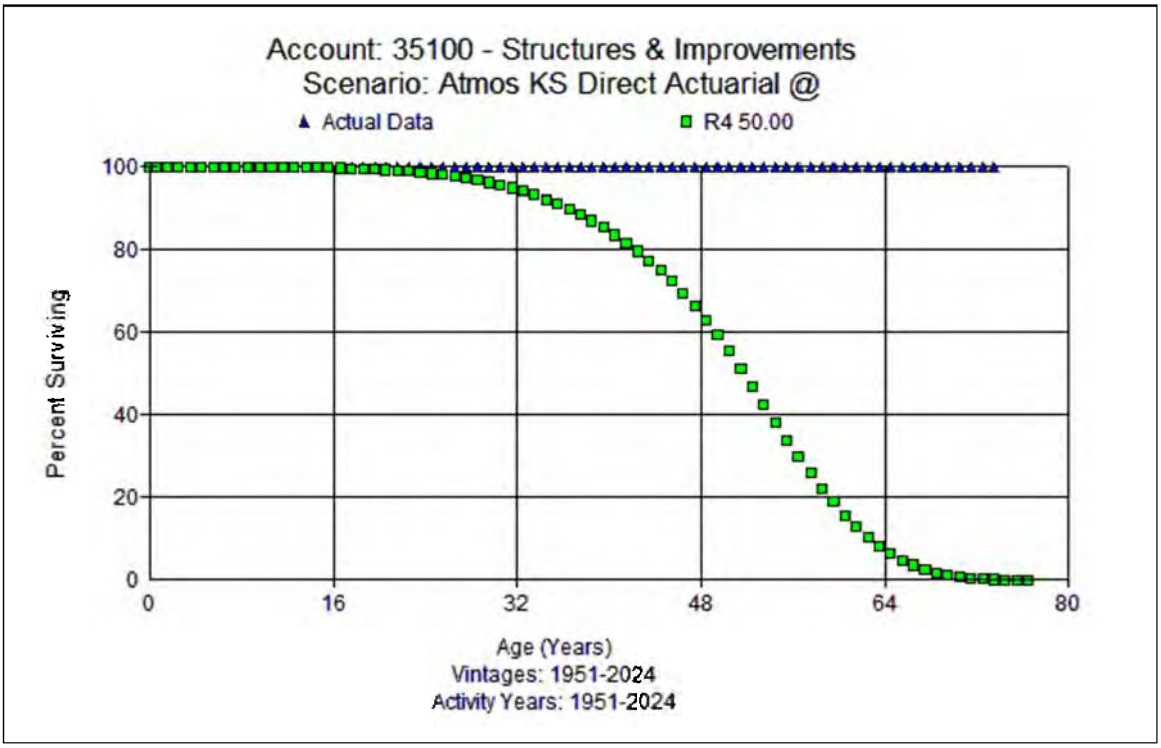
Account 35100 Well Structures and Improvements (50 R4)

This account includes buildings, fences, regulator station and other structures and improvements used in connection with underground storage of natural gas. The balance is this account is $103 thousand. The existing life for this account is 50 R4.

Discussions with Company personnel indicated there is one location, Liberty, which has North and South units. There is a shed on site and “bear cages” around the wells.

While there are structure accounts within each functional group, the lives of each account are tied to the forces of retirement for that function. The current average age of survivors is 32 years. The overall life expectations for this account remain at 50 years.

There has not been enough retirement activity to produce meaningful life analysis. This study proposes retention of the existing 50 R4. A graph of the observed life table versus the proposed life and curve is shown below.

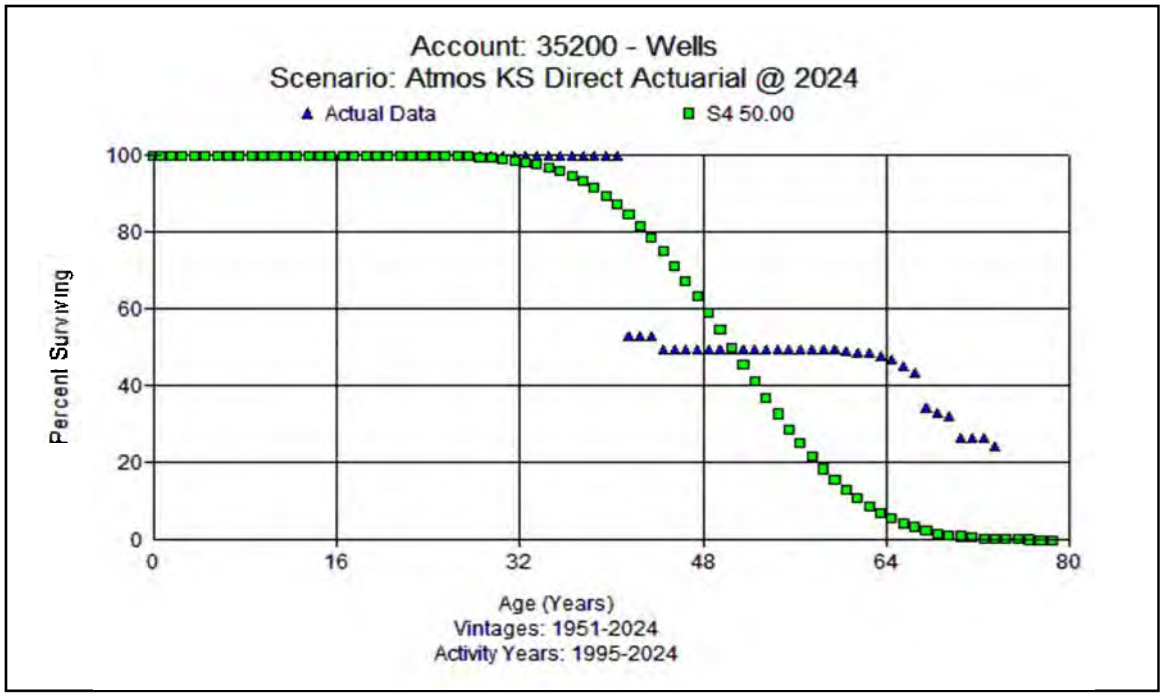


Account 35200 Wells (50 S4)

This account includes the cost of drilling wells for injection and withdrawal of gas from underground storage projects. The balance in this account is $1.4 million. The existing life is 50 S4.

Discussions with Company personnel indicated there is one location, Liberty, which has wells to the North and South. Both have injection and withdrawal capabilities. The injection uses system pressure and compresses out with 2 leased compressors, 2 dehydrator units and various other equipment. There are 50 injection/withdrawal wells with associated 4 and 6 inch lines between wells. The Company has retired wells with problems or those it no longer needs. There have been 3 in recent experience. Dollar weighted age is around 29 years.

In the actuarial analysis, visual fitting to retirements would suggest a life closer to 44-45 years. However, discussions with Company personnel indicated retention of the existing 50 S4 is operationally reasonable. This study retains the 50 S4 at this time. A graph of the observed life table versus the proposed life and curve is shown below.



Account 35300 Lines (60 R4)

This account includes the cost of lines, valves and other miscellaneous assets used to move gas from underground storage wells to the point where gas enters the transmission system. The balance in this account is $1.2 million. The existing life for this account is 60 R4.

Discussions with Company personnel indicated even though they are generally related to the wells, there may be additional use of the main trunk line even if the wells are shut in.

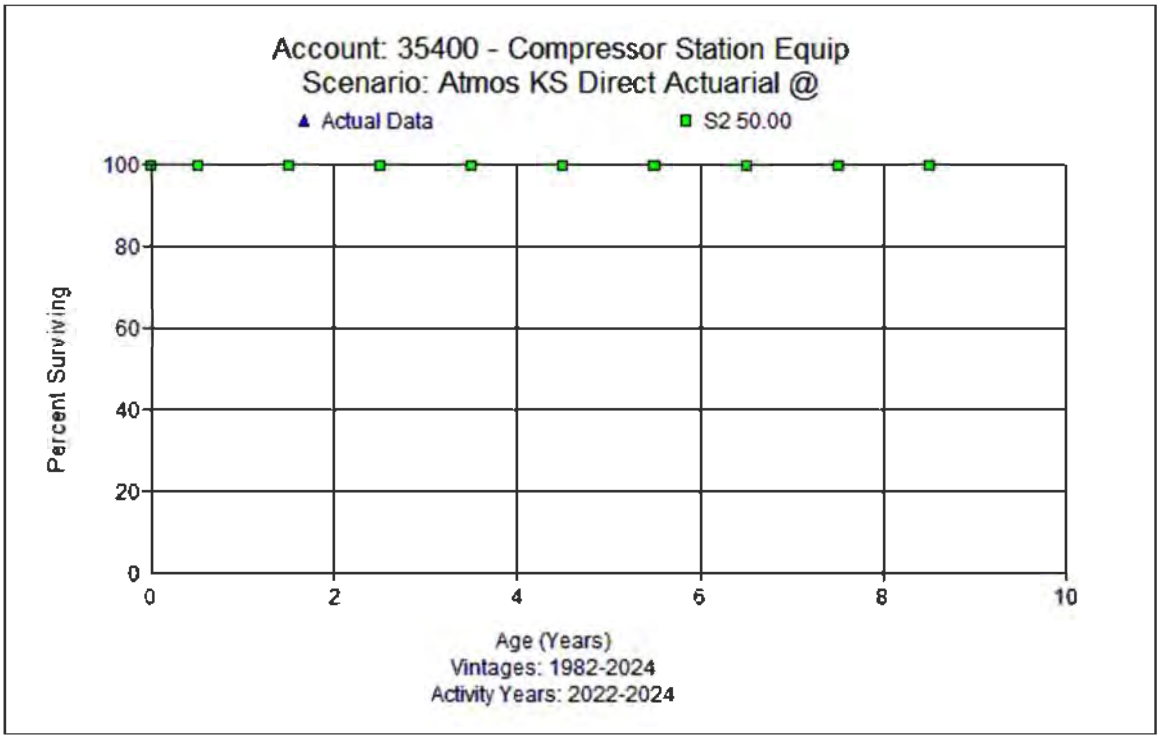
Based on the life analysis indications, discussions on the assets and use, this study recommends retaining the R4 60 life and dispersion. A graph of the observed life table versus the proposed life and curve is shown below.

Account 35400 Compressor Station Equipment (50 S2)

This account includes compressor, cooling, heating, generators, pumps, and other miscellaneous equipment used to change the pressure of gas for delivery to underground storage or delivery to the transmission system. The balance in this account is approximately $2.9 million. The existing life for this account is 50 S2.

Discussions with Company personnel indicated 1 set of 2 active compressors is leased, 1 set of 3 compressors were inactive and were disconnected in 2011 and retired.in 2012. Other equipment, such as dehydrators and other miscellaneous equipment remain as well as recent additions related to a new leased compressor.

There have been limited retirements, which does not produce meaningful analysis and fits. Based on the type and use of the remaining assets, the information from interviews with the Company, and judgment, this study recommends retaining the existing 50 S2. A graph of the observed life table versus the proposed life and curve is shown below.

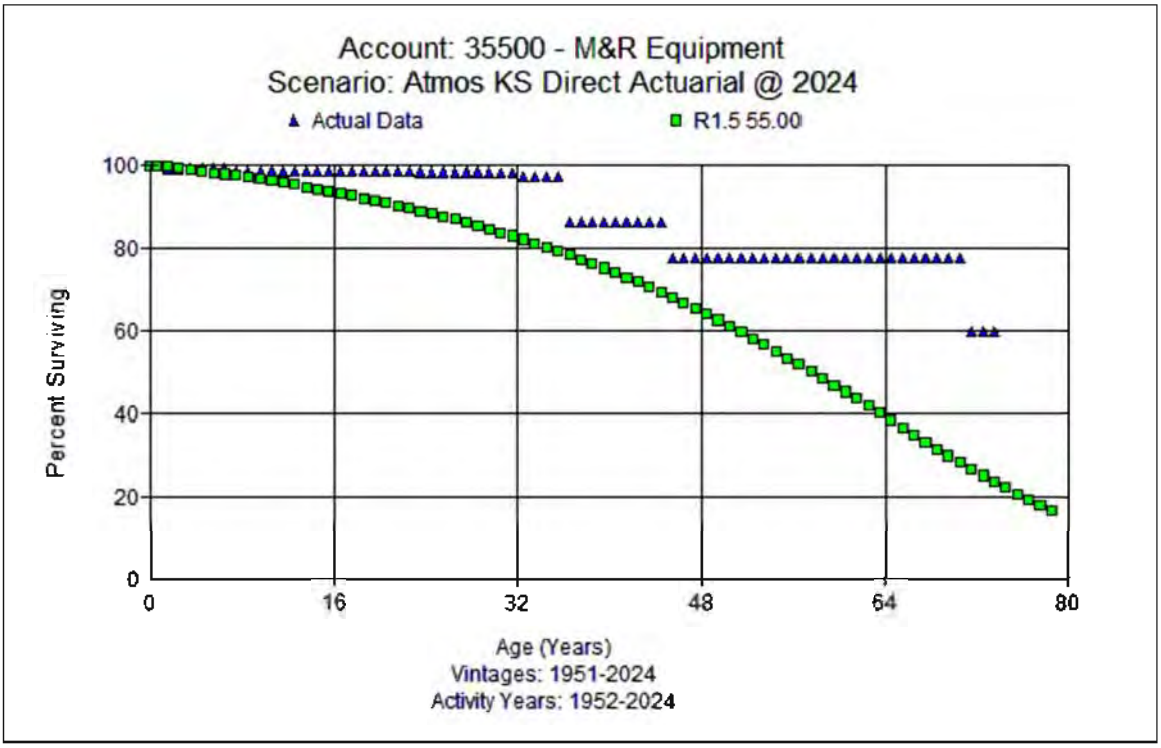


Account 35500 M & R Station Equipment (55 R1.5)

This account includes equipment used to measure deliveries of gas to and from the underground storage system. The plant balance in this account is approximately $224 thousand. The existing life for this account is 40 S3.

Discussions with Company personnel indicated the assets will measure the gas at the purchase point, at the compressor site, and regulate back to distribution and into storage. The Company would expect the life to be similar to city gate.

The analysis indications are much longer than is operationally feasible. The current average age of investment is 30 years. Based on the analysis, the type and use of the assets, Company expectations, and judgment, this study recommends increasing the life to 55 and moving to the R1.5 dispersion, which is consistent with Account 37900 M&R City Gate. A graph of the observed life table versus the proposed life and curve is shown below.

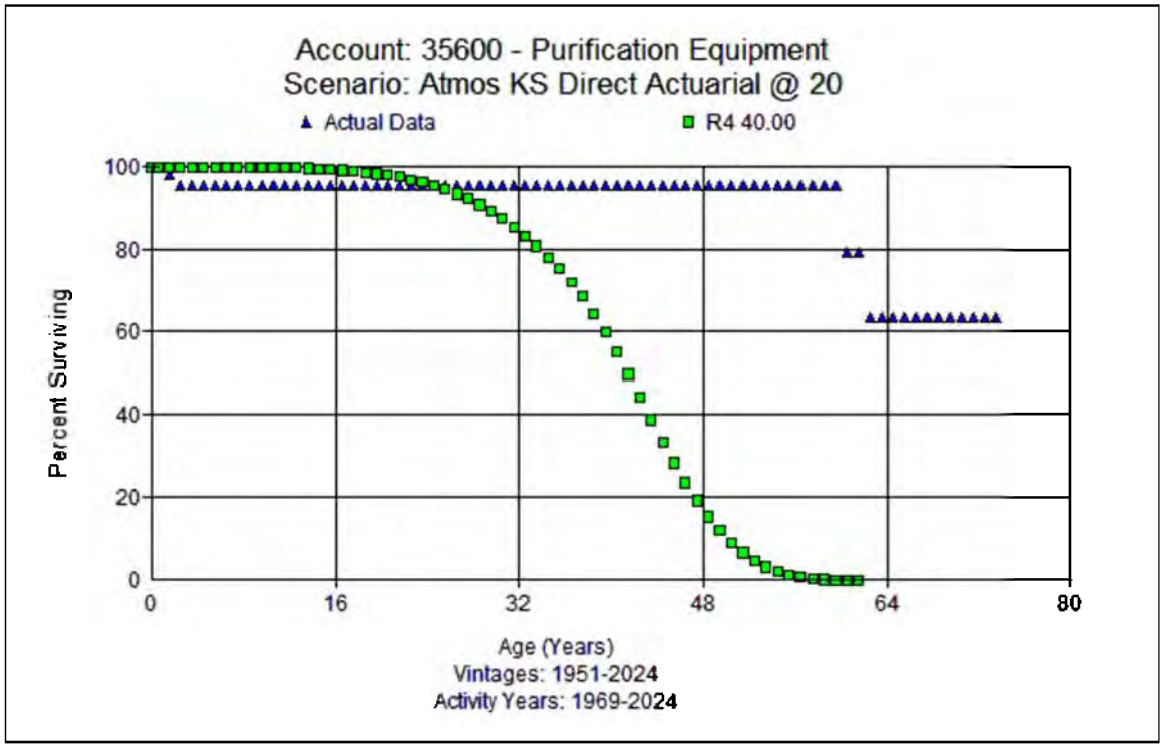


Account 35600 Purification Equipment (40 R4)

This account includes the cost of separators, cooling equipment, dehydrators, and other equipment used to remove impurities from the gas and to condition gas delivered to or removed from underground storage fields. The balance in this account is $505 thousand. The existing life is 40 R4.

Discussions with Company personnel indicated that 30 years for dehydrators is reasonable. Other equipment will have some longer and shorter lives. Overall, the existing life remains operationally reasonable.

The current average age of the investment is 23 years. There have been few retirements, so the indications are for a much longer life than is operationally feasible. Considering the type and use of the assets, the analysis, information from Company personnel, and judgment, this study recommends retaining the 40 R4 at this time. A graph of the observed life table versus the proposed life and curve is shown below for the 40 R4 curve.

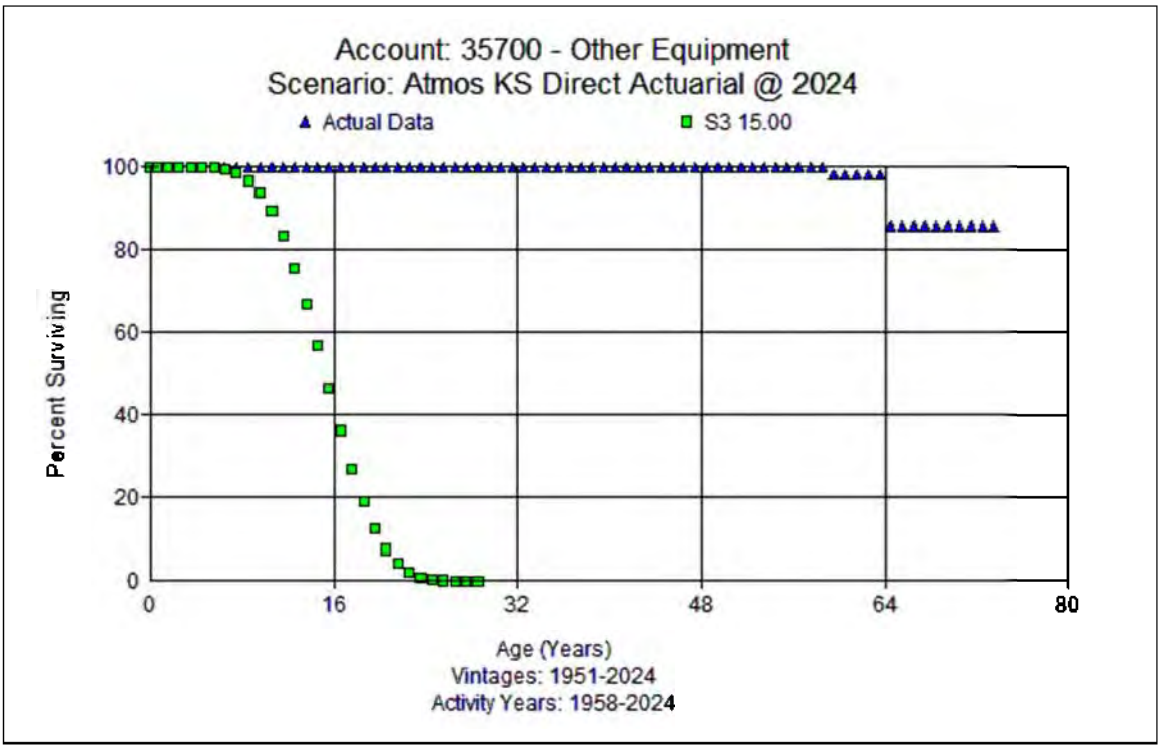


Account 35700 Other Equipment (15 S3)

This account includes the cost of equipment used for underground storage when not assigned to other accounts within the underground storage function, such as calorimeters or odorizers. The balance in this account is $1.7 million. The existing life for this account is 35 S3.

Discussions with Company personnel indicated the majority of the investment is in an electronic methane monitoring system at each well. A life around 15 years would be operationally reasonable since these are electronic devices. The current average age of the investment is around 4 years.

The historical retirement activity indicates a life around 40 years, but those are small amounts and there are only 5 retirements recorded over time. Based on Company input, the limited analysis, the type and use of the assets, and judgment, this study recommends moving to a 15 S3 as a reflection of current assets and expectations. A graph of the observed life table versus the proposed life and curve is shown below for the 15 S3 curve.



Transmission Plant – FERC Accounts 36520-36900

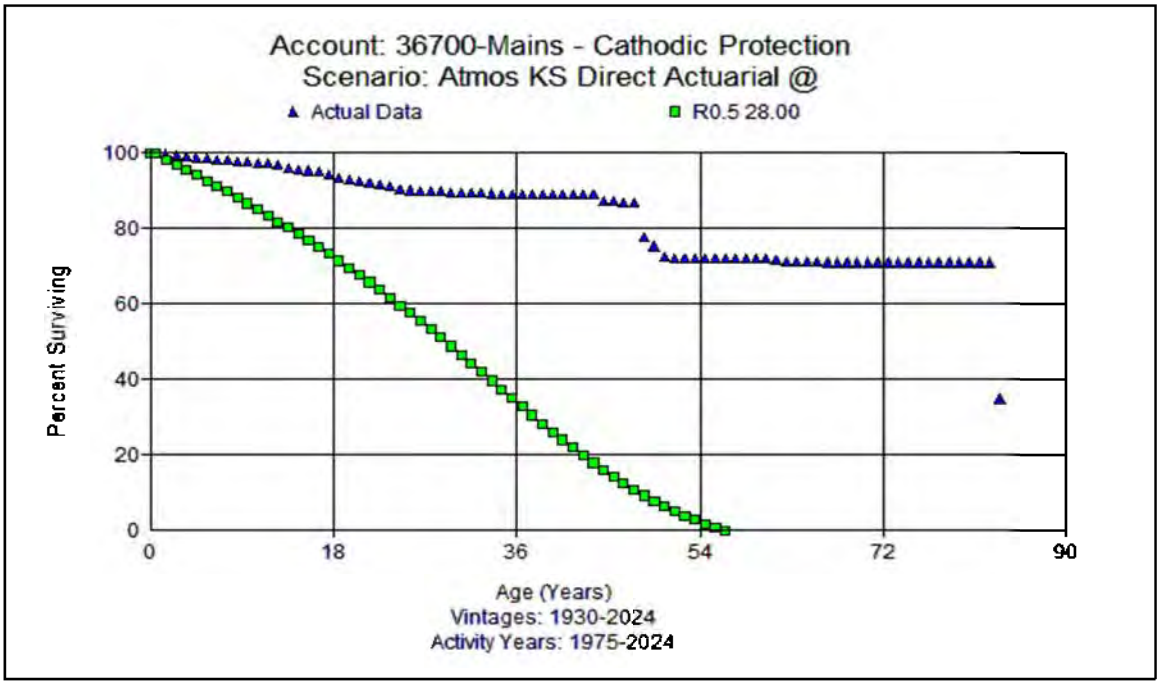
Kansas has a limited number of mains recorded in the transmission function. The majority of the system is classified as high, intermediate and low-pressure distribution main.

Account 36700 Mains – Cathodic Protection (28 R0.5)

This account includes the cost of such as anodes, leak clamps, groundbeds, and other miscellaneous cathodic protection assets. The plant balance is approximately $1.5 million. The existing life for this account is 55 R2.

Discussions with Company personnel indicated these assets are similar to distribution cathodic protection, which have a lower life and were segregated from the mains in this study.

Life indications in the analysis are longer due to the prior combined historical accounting with mains. Based on the type and use of assets, Company input, and judgment, this study recommends moving to 28 R0.5. A graph of the observed life table versus the proposed life and curve is shown below for the 28 R0.5 curve.

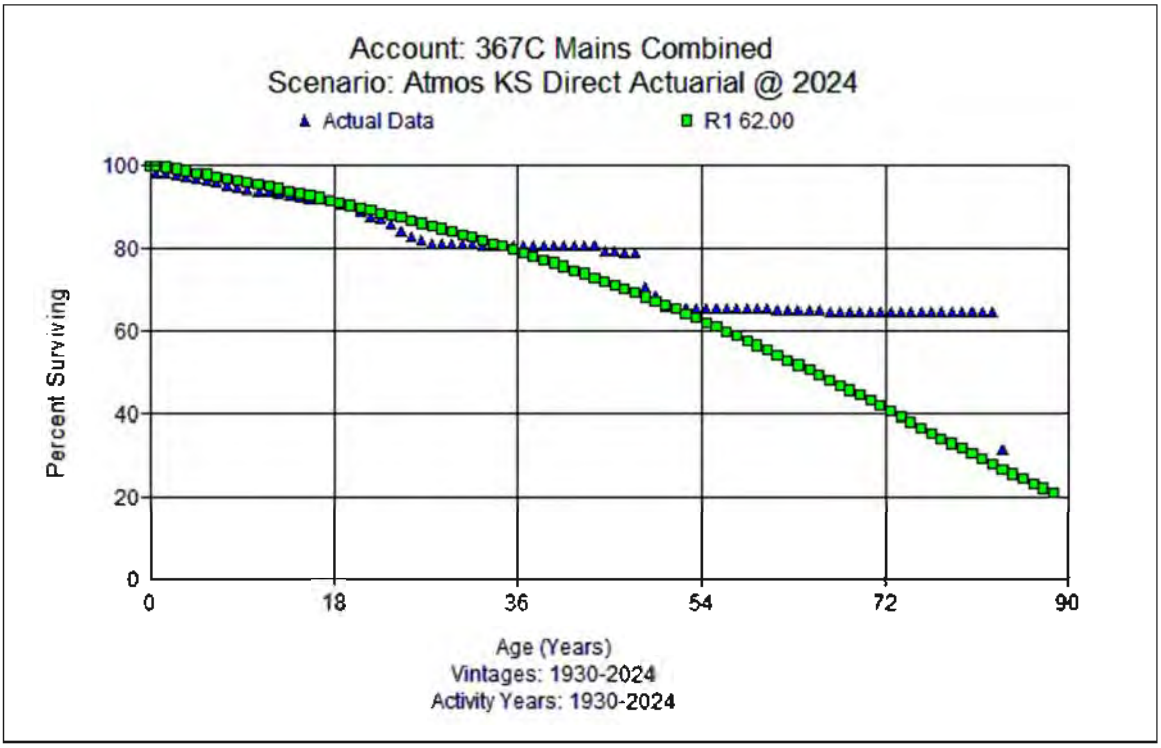


Account 36701 Mains – Steel (62 R1)

This account includes the cost of transmission 4 and 8 inch steel mains. The plant balance in this account is approximately $116 thousand. The existing life for this account is 55 R2.

Discussions with Company personnel indicated there are two lines connected to the storage field, which are about 3.5 miles each. The Company would expect these mains to have a similar life as distribution mains

The life indications in the analysis supported Company expectations with. a reasonably good fit with 62 R1. Therefore, based on type and use of assets, discussions with Company personnel, the analysis, and judgment, this study recommends an increase in life to 62 and a change in dispersion from R2 to R1 for this account. A graph of the observed life table versus the proposed life and curve is shown below for the 62 R1 curve.

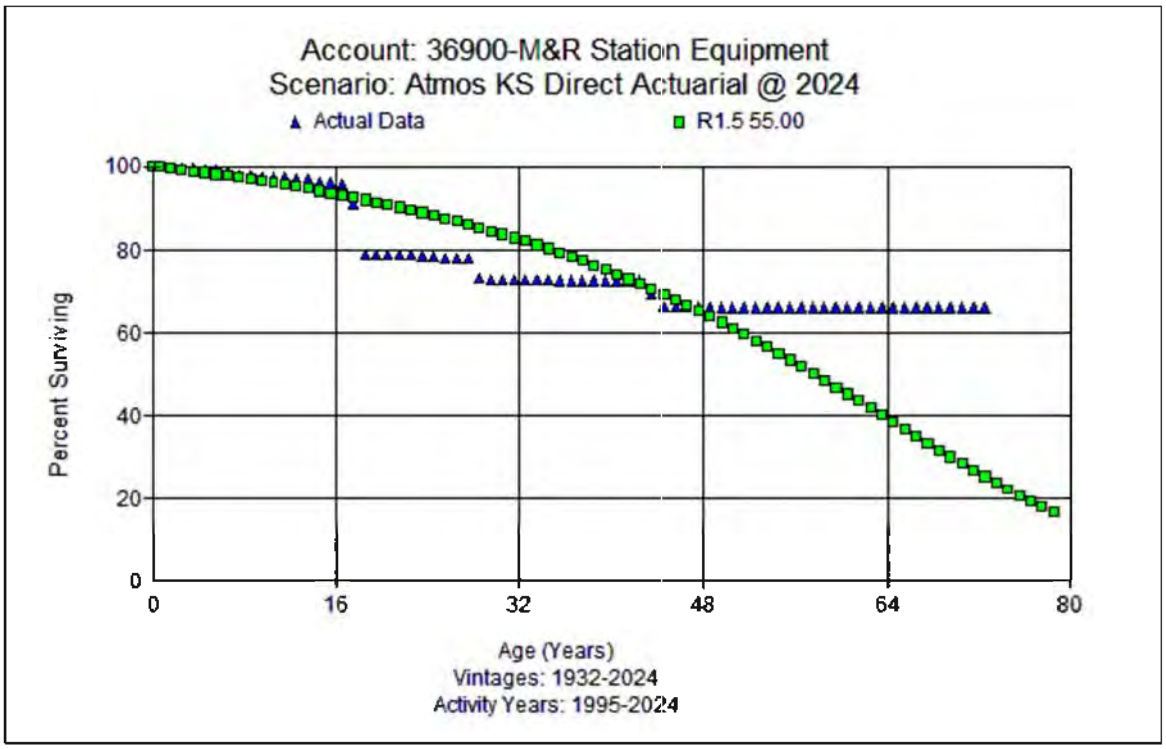


Account 36900 M&R Station Equipment (55 R1.5)

This account includes the costs of meters, gauges, and other equipment used to measure or regulate gas in connection with transmission city gate operations. The plant balance in this account is $147 thousand. The existing life for this account is 40 R2.

Discussions with Company personnel indicate these assets are in West Kansas and may need to be transferred or retired. They also indicated these assets and assets in Account 379 are similar and they would expect the same operational life.

The analysis indications for 369 alone indicates a life consistent with Company expectations. The combined 369 and 379 analysis indicate a life less than existing and much less than Company expectations. Based on the individual and combined analysis indications, type of assets and use, Company input, and judgment, this study recommends moving to a 55 R1.5. A graph of the observed life table versus the proposed life and curve is shown below for the 55 R1.5 curve.

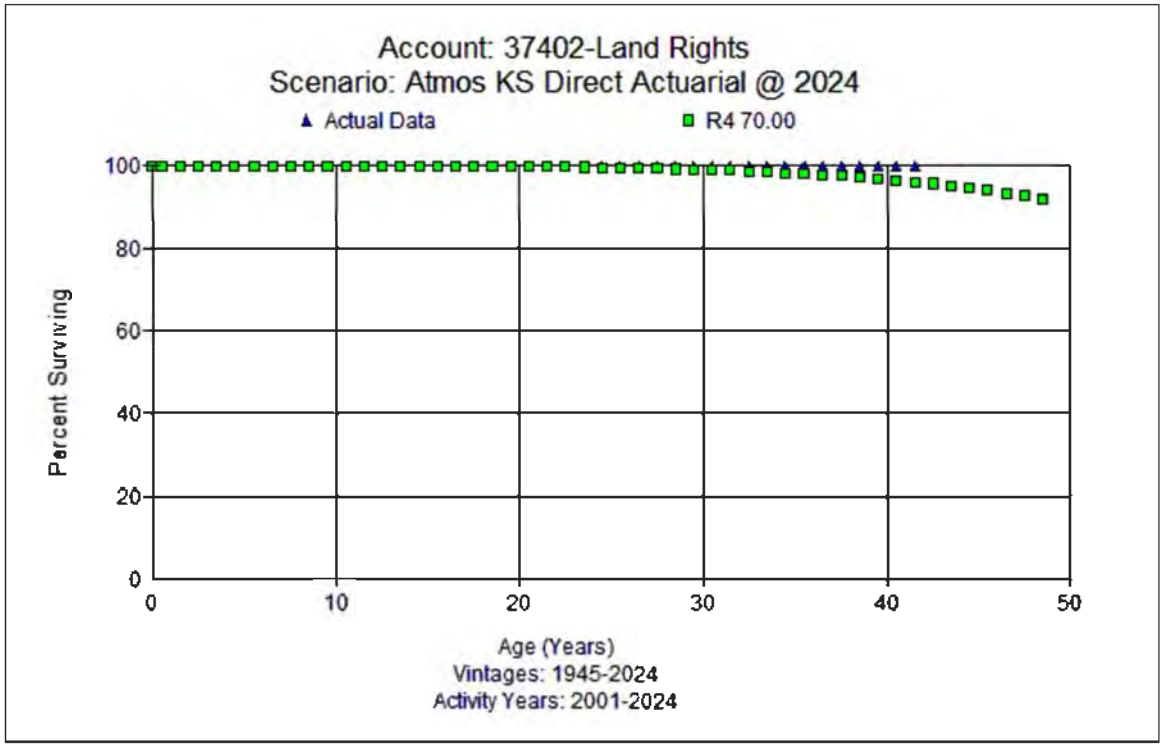


Distribution Plant – FERC Accounts 37402-387

Account 37402 Land Rights (70 R4)

This account includes the cost of land rights used in connection with distribution operations. There is approximately $333 thousand in this account. The existing life is 60 R4.

These assets are generally obtained for access and installation of mains. The life of steel and plastic mains is moving out to 60 years. This study recommends an increase in life to 70 while retaining the R4 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 70 R4 curve.

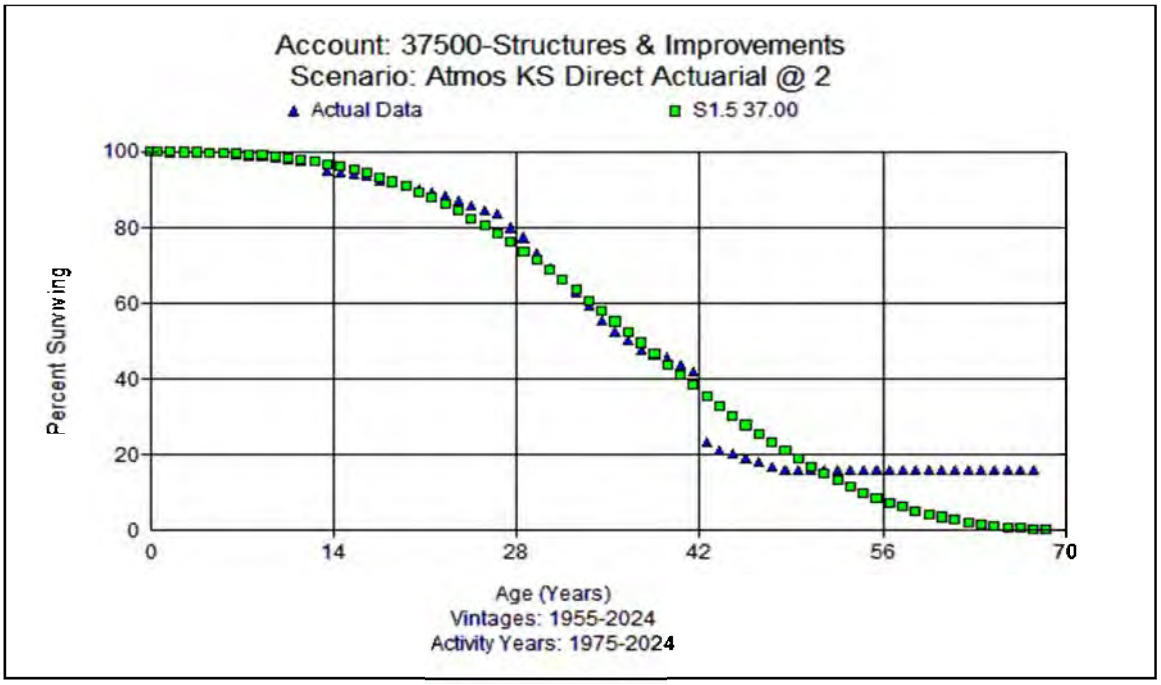


Account 37500 and 37501 Structures and Improvements (37 S1.5)

These accounts include the cost of buildings, regulator and border stations equipment, fences, and other structure and improvements. Currently, Account 37500 has the only balance of approximately $153 thousand. The existing life is 35 S0.

Discussion with Company personnel indicated the 1998 vintage balance is due to account conversion. In the future, any new station structures going in will have a materially higher spend on security, fencing, gates, lighting, egress, etc. for stations. The guidelines have been updated, and the next study will see a materially different, larger, asset base for this account.

The average age of survivors is approximately 30 years. The best fits in the full band indicate a life around 34 years but increases with the mid and recent bands analyzed. A great fit to 40 percent surviving is a 37 S1.5. Considering the analysis indications across the bands, this study recommends increasing the life slightly from 35 to 37 years and moving from S0 to S1.5 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 37 S1.5 curve.

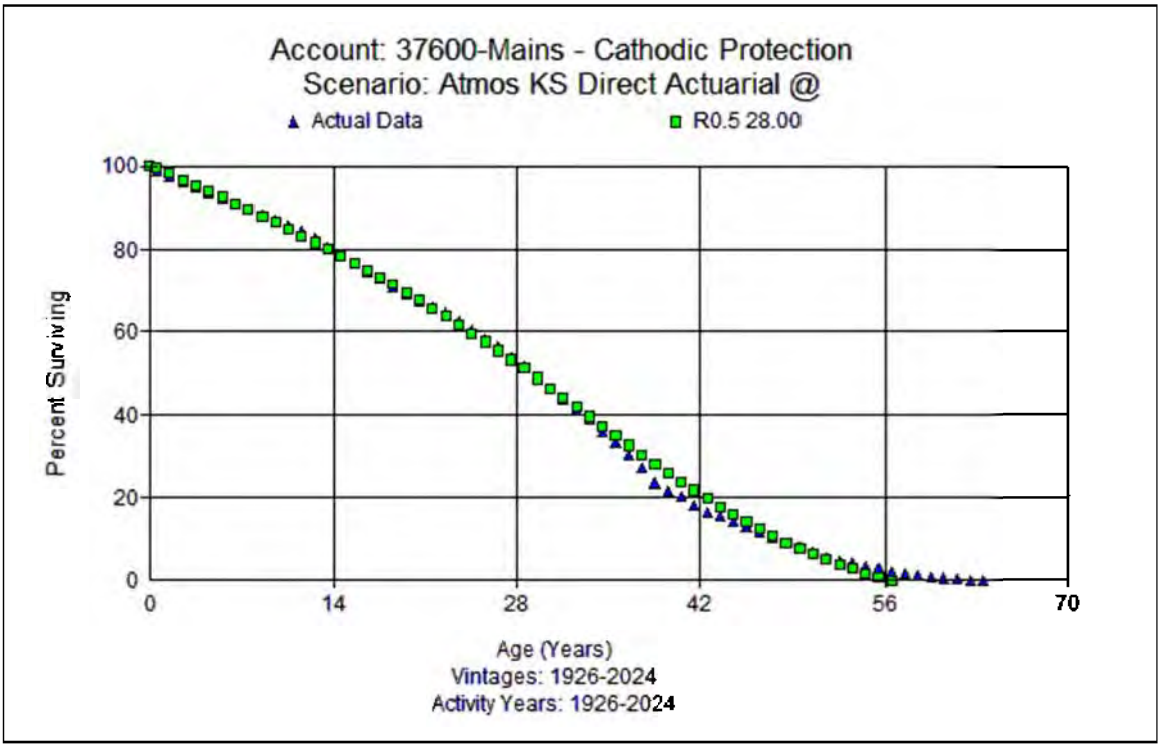


Account 37600 Mains - Cathodic Protection (28 R0.5)

This account includes the cost of groundbeds, rectifiers, valves, weldovers, and other miscellaneous cathodic protection assets used for mains. Previously these assets were combined with the steel and plastic mains. There is approximately $4.5 million in this account. The existing life is 55 years with an R2 dispersion.

Discussions with Company personnel indicated the life of this account operationally would be reasonable in the 25-30 year time frame. All mains are now protected, but that has not always been the case.

In the full band, P1926-2024 E1926-2024, a near perfect fit is 28 R0.5. Other visual fits have a life between 25-28 years, which is consistent with Company expectations. Based on the analysis, type of assets, and Company expectations, this study recommends 20 R0.5. A graph of the observed life table versus the proposed life and curve is shown below for the 28 R0.5 curve.

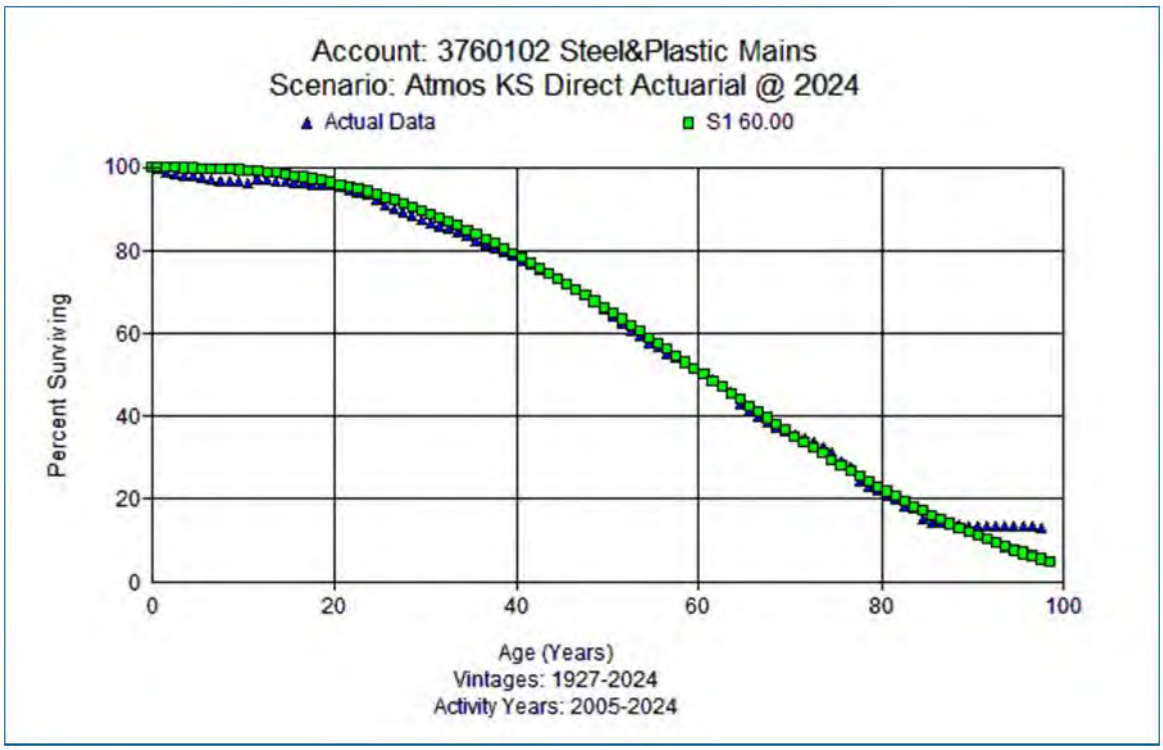


Account 37601 & 37602 Mains – Steel & Plastic (60 S1)

These accounts are combined for life analysis purposes. The accounts include the cost of all steel and plastic mains and related equipment, which operate at high, medium and low pressure. There is approximately $71.0 million in steel and $195.9 million in plastic mains. The existing life is 55 R2.

Discussions with Company personnel indicated that moving the life longer is operationally reasonable. Better installation practices, better materials, etc. would support a longer life. There are some state programs that are proactive, like SIP (System Integrity Program), which addresses low pressure systems. Program 343 focuses on safety related replacements, with a minimum of $27 million per year. The GSRS (Gas System Reliability Surcharge), is a reactive program that allows $16-$18M per year to be filed and cost recovered. Replacements are plastic unless a very high pressure. The assets being replaced are generally the oldest on the system. Growth is practically all plastic, anything under 60 lbs. Since 1983, they have only installed polyethylene (“PE”) when putting in plastic mains. Early generations of plastic were more problematic (e.g. Aldyl-A and Marlex) which has been replaced at closer to 40 years. They would expect PE to have at least as long a life as steel, perhaps longer, but they have not seen a full life cycle for post-1983 PE yet. There are more external factors that would impact steel than plastic. Some early designs of poly (pre-1983) may have wiring that has disappeared (corroded) and made unfindable. There are high levels of relocations occurring on the system for road projects due to the high growth area. Capacity needs are also a driver of retirements/replacements. All mains are now protected, but that has not always been the case. Most new pipe installed is plastic unless pressure or continuity of protected pipe dictates otherwise.

The combined analysis indicates the life is increasing. Reliance on the full band provides an excellent fit with 60 S1. Based on the analysis, Company input, and type of assets, this study proposes to move the life to 60 years and changing from R2 to an S1 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 60 S1 curve.

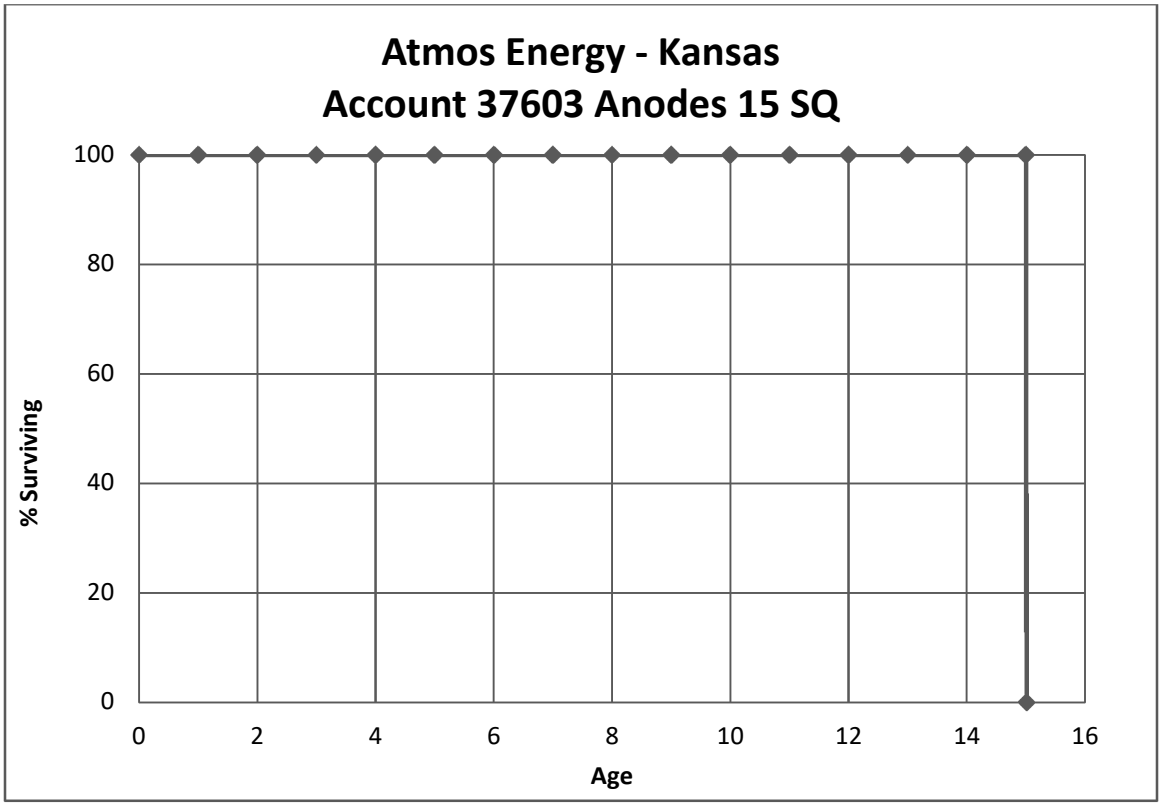

Account: 3760102 Steel&Plastic Mains
Scenario: Atmos KS Direct Actuarial @ 2024
Actual Data
S1 60.00
Percent Surviving
100
80
60
40
20
0
0
20
40
60
80
100
Age (Years)
Vintages: 1927-2024
Activity Years: 2005-2024

Account 37603 Mains - Anodes (15 SQ)

This account includes the cost of anodes. There is approximately $5.8 million that was transferred into this account and has an age less than the specified amortization period of 15 years.

Due to the nature of these assets disintegrating over time, there is no ability to identify and report retirements. Discussions with Company personnel indicated a reasonable operational life range for anodes is 15 or more years.

Based on consistency with the Colorado jurisdiction, the implementation of an amortization approach is continued in this study. A representative graph of the proposed 15 SQ is shown below.

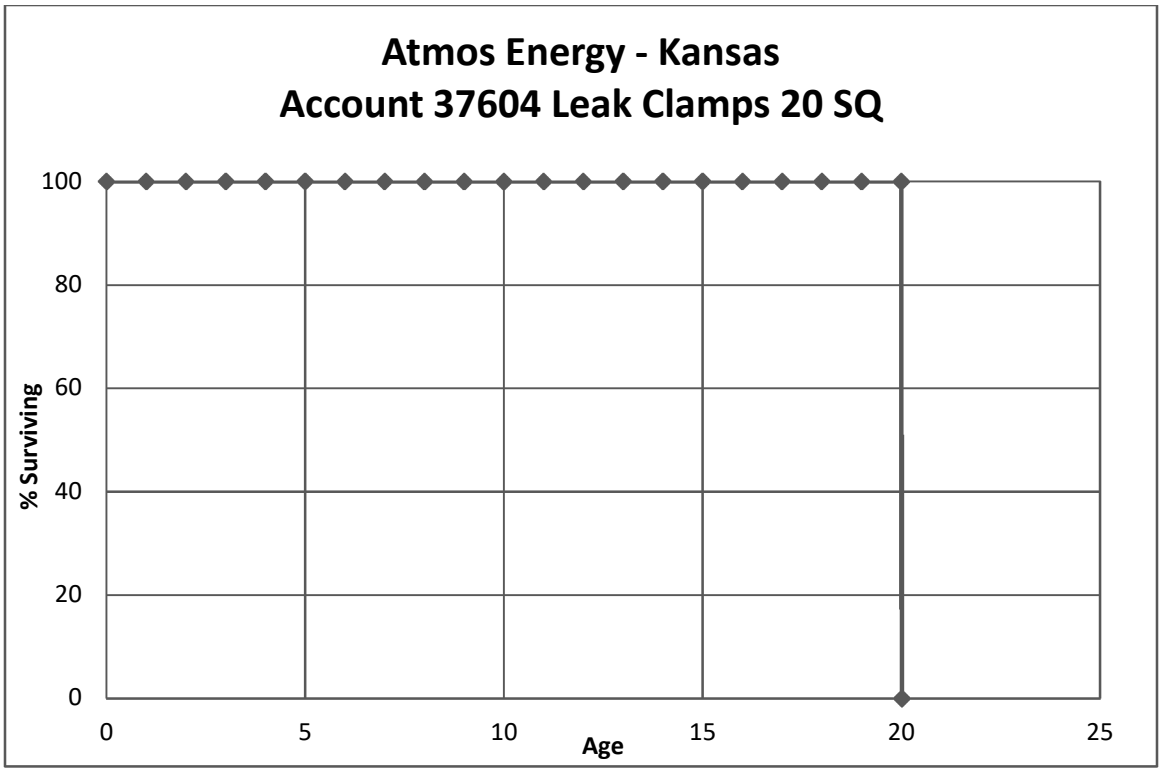


Account 37604 Mains - Leak Clamps (20 SQ)

This account includes the cost of leak clamps used with mains. There is approximately $4.6 million in this account. The existing life is 14 SQ.

Discussion with Company personnel indicated the leak clamps are installed generally during the last 1/3 of the life.

This amortization approach was implemented to facilitate the accurate retirement of these property units. As discussed above, this decision was a result of discussions with Company personnel and consistency with the Colorado jurisdiction. The amortization approach is continued in this study, but the amortization period has increased from 14 to 20 years with the SQ., consistent with the increase in life of mains. A representative graph of the proposed 20 SQ is shown below.

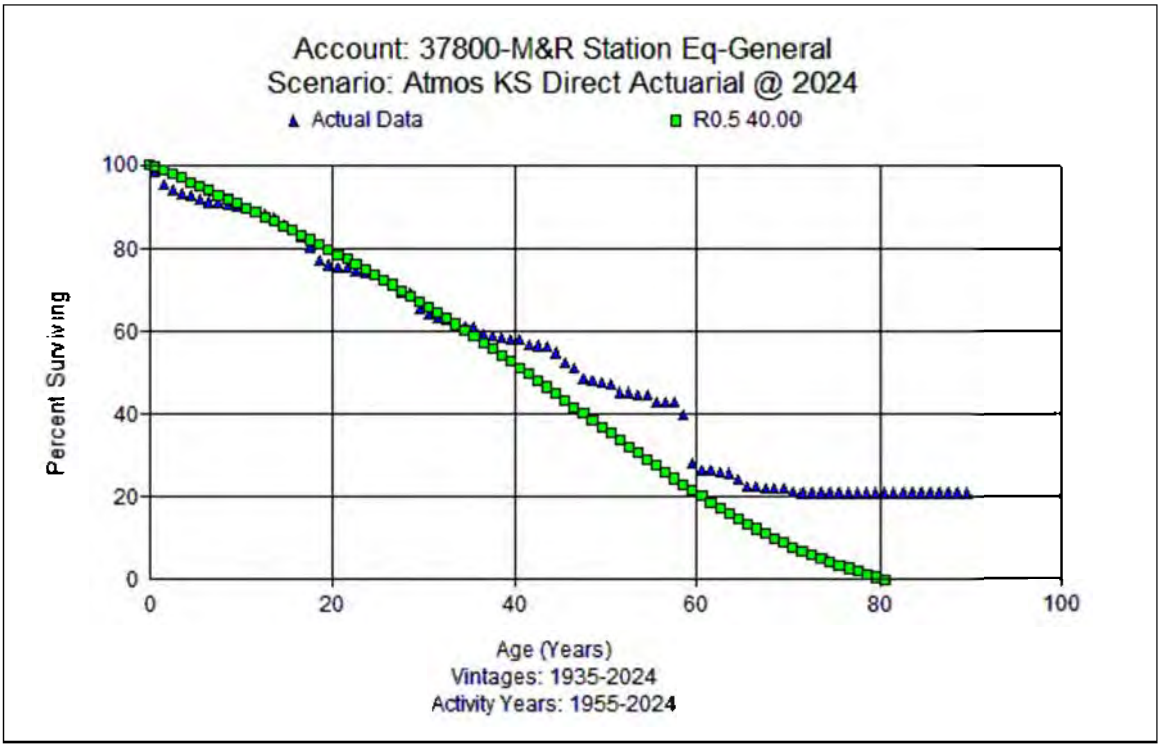


Account 37800 M&R Station - General (40 R0.5)

This account consists of various measuring equipment, district regulator station (“DRS”) equipment and valves used in distribution operations. There is approximately $7.8 million of investment in this account. The existing life is 35 years with an S0 dispersion.

Discussions with Company personnel indicated SIP will retire a number of low-pressure DRS systems over the next several years that will not be replaced. Also, the work to standardize pressures have and will continue to have an impact of retiring stations that will also not be replaced. They have around 600 DRS in Kansas, 160 of which are low pressure stations. Only around 4 per year would be standardized. Operationally, seeing the life of DRS moving out is reasonable with the primary focus of the Company being the replacement of obsolete material.

The analysis indicated the life was increasing. Reliance on the fuller band produced a good fit to 60 percent surviving, which is a moderate increase and consistent with Company expectations. Based on type of assets, Company input and expectations, and the analysis, this study recommends increasing the life from 35 to 40 years and changing from the S0 to R0.5 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 40 R0.5 curve.

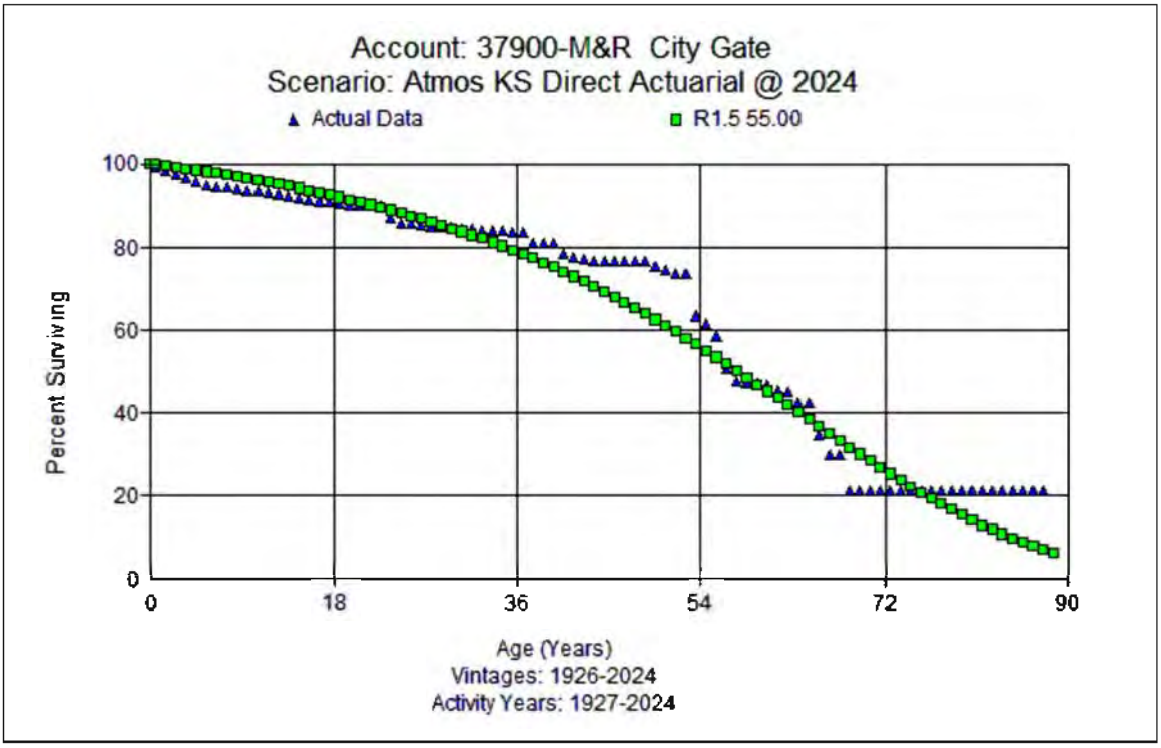

Account: 37800-M&R Station Eq-General
Scenario: Atmos KS Direct Actuarial @ 2024
Actual Data
R0.5 40.00
Percent Surviving
100
80
60
40
20
0
0
20
40
60
80
100
Age (Years)
Vintages: 1935-2024
Activity Years: 1955-2024

Account 37900, 37905, and 37908 M&R Station – City Gate (55 R1.5)

These accounts include the cost of related equipment used in measuring and regulating gas at the city gate. All city gate accounts were combined for life analysis. Currently, account 37900 is the only account with a balance. There is approximately $4.4 million in plant in these accounts. The existing life is 40 years with an R2 dispersion.

A longer life for city gate is more operationally reasonable than the current 40 year life. When a station has an issue, the initial reaction is to repair or rebuild before considering replacing. In many cases, they may just replace the regulator, which is capital, but not the rest of the assets in the station.

This study analyzed this account alone and with Account 369 due to its similarities in function and assets. Both analyses indicated a longer life, which is consistent with Company expectations. This study recommends increasing the life from 40 to 55 years and changing from the R2 to R1.5 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 55 R1.5 curve.

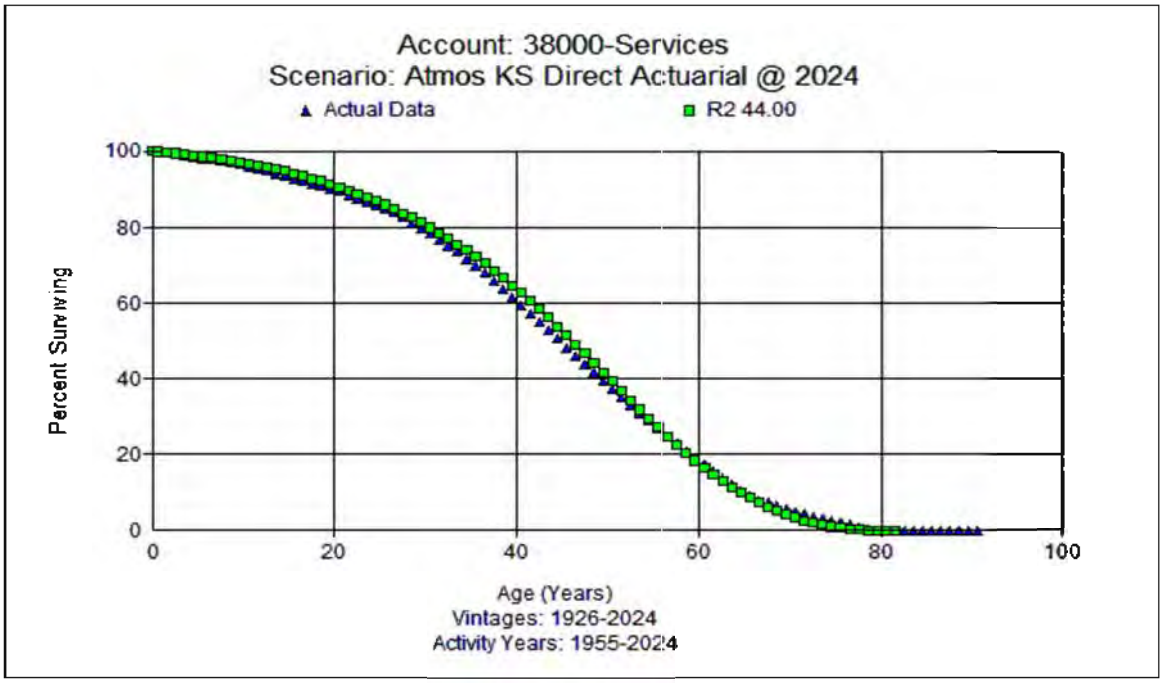


Account 38000 Services (44 R2)

This account consists of all types of services used in distribution operations. There is approximately $123.5 million of investment in this account. The existing life is 44 years with an R2 dispersion.

Discussions with Company personnel indicated in Kansas, Atmos is responsible for the Customer owned yard line ("COYL") from the meter to the house, as well as the service from the main to the meter. They may have to replace the service due to a lower quality COYL of the custom portion. When there is damage on a service or COYL, it is replaced in total and the meter is moved to the house. Starting in 2017, all new services require an EFV. This would trigger more retirements and replacements of services.

The life analysis indicates best fits to have a life range of 42-44 years across the bands analyzed, with a near perfect visual fit with 44 R2. Based on the life analysis, discussions with Company personnel on past, present and future practices related to services, this study recommends retaining the 44 year life and R2 dispersion at this time. A graph of the observed life table versus the proposed life and curve is shown below for the 44 R2 curve.

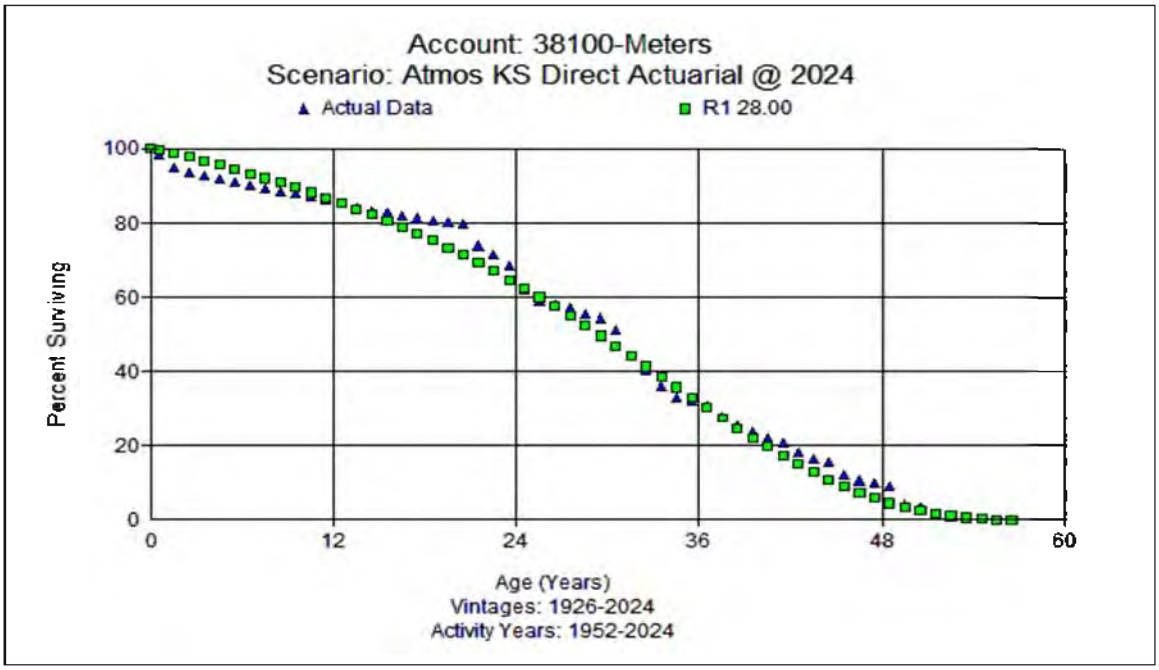


Account 38100 Meters (28 R1)

This account includes the cost of meters. There is a balance of $46.9 million in this account. The existing life is 20 years with an R3 dispersion.

They are finishing up a proactive meter replacement program whose goal is 100% WMR by the end of next year. SIP and GSRS will trigger meter and meter bar retirements. When replacing services and/or COYLS, they will normally replace the meter, bar and regulator. The old tariff requirements required the meter to be pulled at 20 years and tested, which would retire the meter. That requirement has been replaced with a sampling program. They would generally expect the life of the meter to be 25-30 years with the WMR devices having a 12-15 year life. If the meter life is set to 28 years, that would allow for approximately 1 replacement of the WMR over the life of the meter.

The life analysis indications are a life between 25-30 years, which is consistent with Company expectations. Based on the life analysis, current practices and plans, this study recommends increasing the 20 year meter life to 28 years and moving to the R1 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 28 R1 curve.

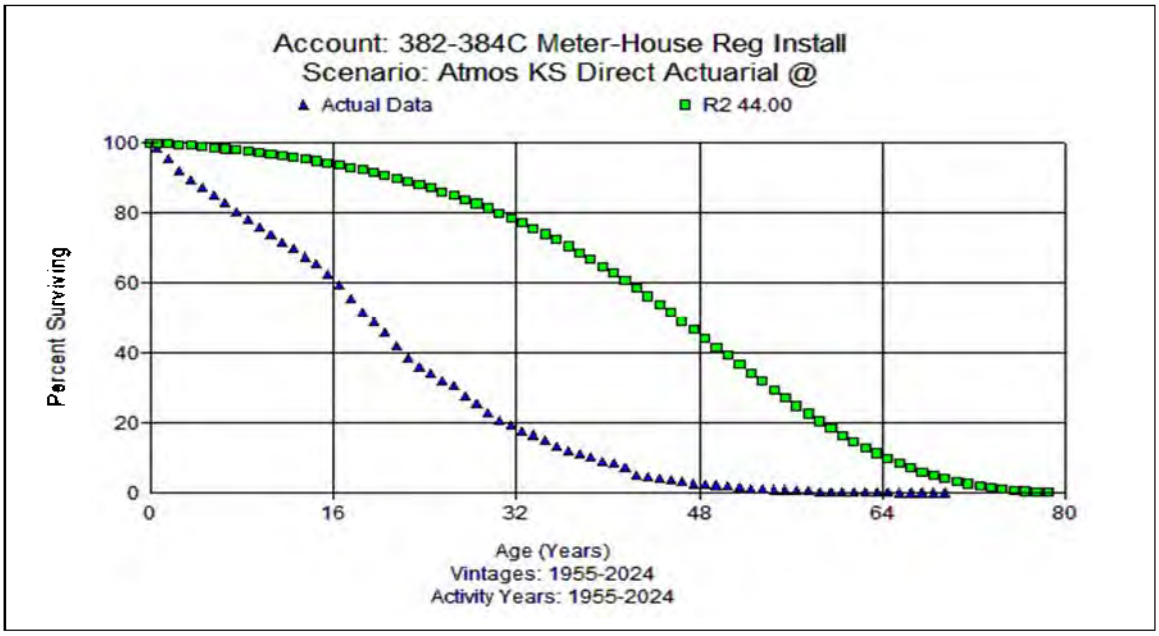


Account 38200-38400 Meter Installations, House Regulators, & House Regulator Installations (44 R2)

These accounts include the cost of meter installations, house regulators and house regulator installations. They are combined for purposes of this study. Combined there is a balance of $44.6 million in these accounts. The existing lives are all 25 R1.5.

Discussions with Company personnel indicated that when they are replacing the loop with a prefab loop, the regulator would be physically retired. Regulators should have the same life as the loop going forward. When the WMR was added to the meter, if the meter was obsolete and replaced, the meter loop was also rebuilt with a prefab meter bar. When a service is replaced, the riser is replaced. This would generally cause the replacement of the meter bar.

The combined life analysis indicated a life closer to the existing life of the meter, with best visual fits to be L0 20. However, Company provided input would suggest the life moving longer and a life similar to Account 38000 Services. Based on current practices and plans, this study recommends moving to a 44 R2 for all accounts. A graph of the observed life table versus the proposed life and curve is shown below for the 44 R2 curve.

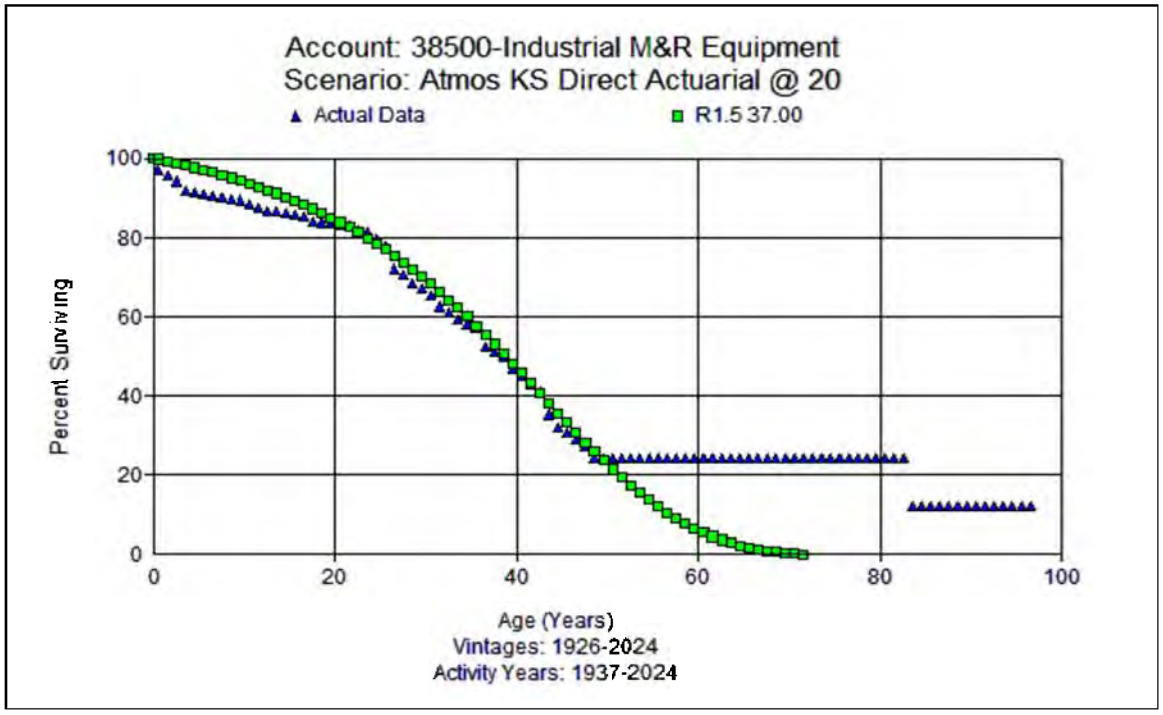


Account 38500 Industrial M&R Equipment (37 R1.5)

This account includes the cost of meters, regulator installations, regulator stations, valves and pressure recorders for industrial customers. There is approximately $1.9 million in this account. The existing life is a 30 R1.5.

Discussions with Company personnel indicated these assets are solely for serving industrial sites. A recent rule (around 2002) required Atmos to transport to certain customers in certain situations. For a few years, significant changes had to be made in this account in order to comply with the rule. This may have driven shorter life expectations at that point. This account has electronics (EMFs and communications equipment) with a 10-15 year life. The life of the other equipment is dependent on the demand of the customer. If the customer needs increased capacity, the station will likely be rebuilt or an additional station installed.

Based on type and use of assets, life analysis indications, and judgment, this study recommends increasing the life slightly to 37 years while retaining the R1.5 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 37 R1.5 curve.

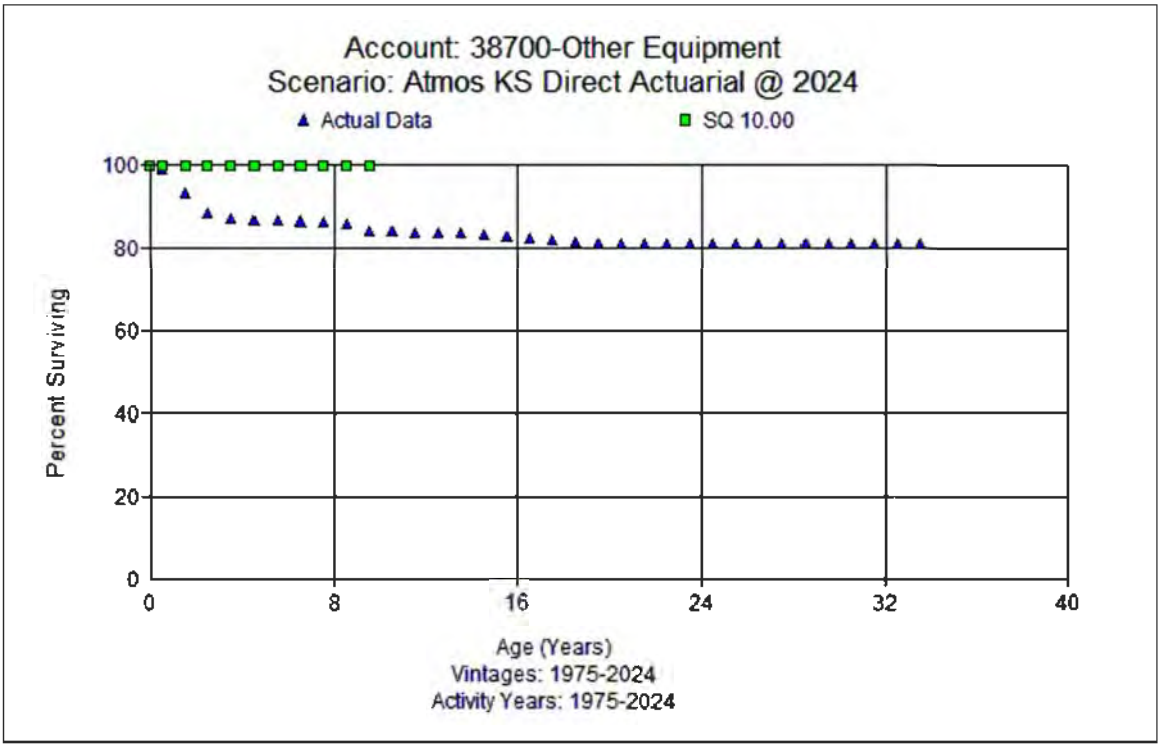


Account 38700 Other Equipment (10 SQ)

This account includes the cost of pipe locators, leak detectors, flame ionization and other miscellaneous equipment. There is approximately $787 thousand in this account. The existing life is 20 R4.

Discussions with Company personnel indicated these types of assets may last 10 years and could be replaced by newer technology. Pipe locators now will only last 5 years, some of the older ones may have a longer life.

The life analysis indicates a much longer life than what Company expectations are and does not reflect impact of technology. Based on Company input and expectations, type of assets, and judgment this study recommends decreasing the life to 10 years and moving to an SQ dispersion at this time. A graph of the observed life table versus the proposed life and curve is shown below for the 10 SQ curve.



General Plant – FERC Accounts 39000-39908

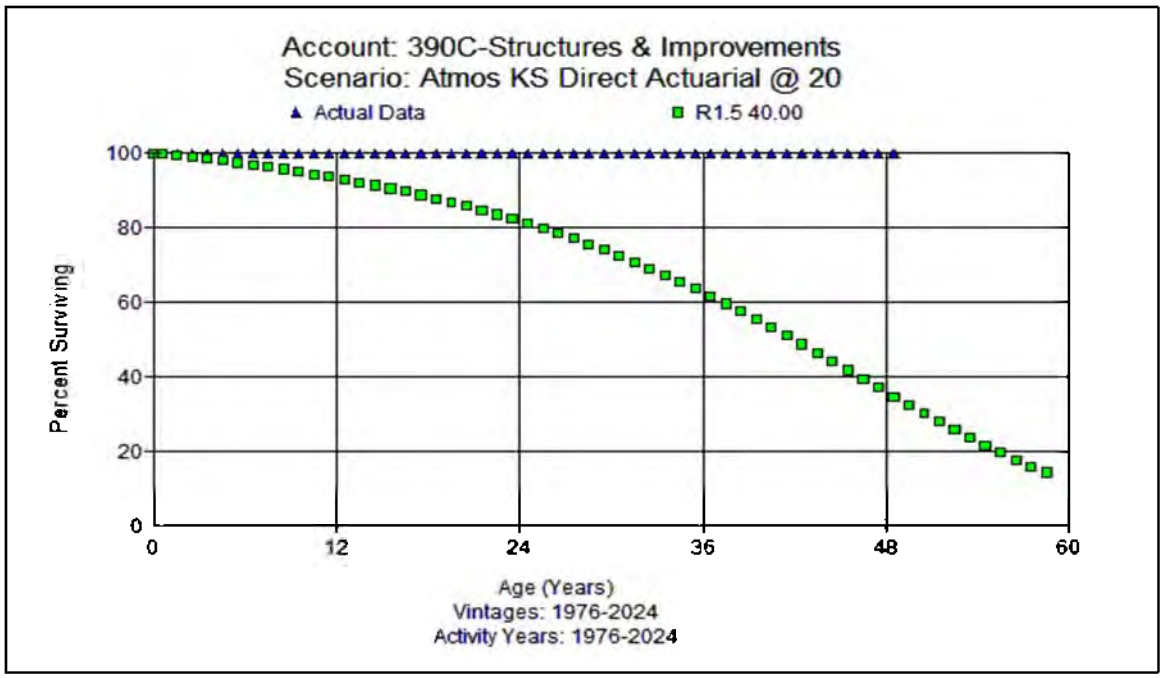
Depreciated Accounts 39000, 39003, 39004, 39009, 39200, 39600, 39603, 39604, and 39605

Account 39000, 39003, & 39004 Structures & Improvements and Air Conditioning Equipment (40 R1.5)

These accounts include the cost of buildings, roofs, heating/cooling equipment, carpet, other structures and improvements. There is approximately $2.4 million in the combined accounts. The current lives are all 40 R1.5.

Discussions with Company personnel indicated these assets are related to the district offices and believe an average service life of 40 years for the combined assets is still reasonable.

The analysis did not provide meaningful results due to limited retirement activity. Based on the mix of shorter and longer lived assets, Company input, and judgment, this study recommends retaining the 40 R1.5. A graph of the observed life table versus the proposed life and curve is shown below.

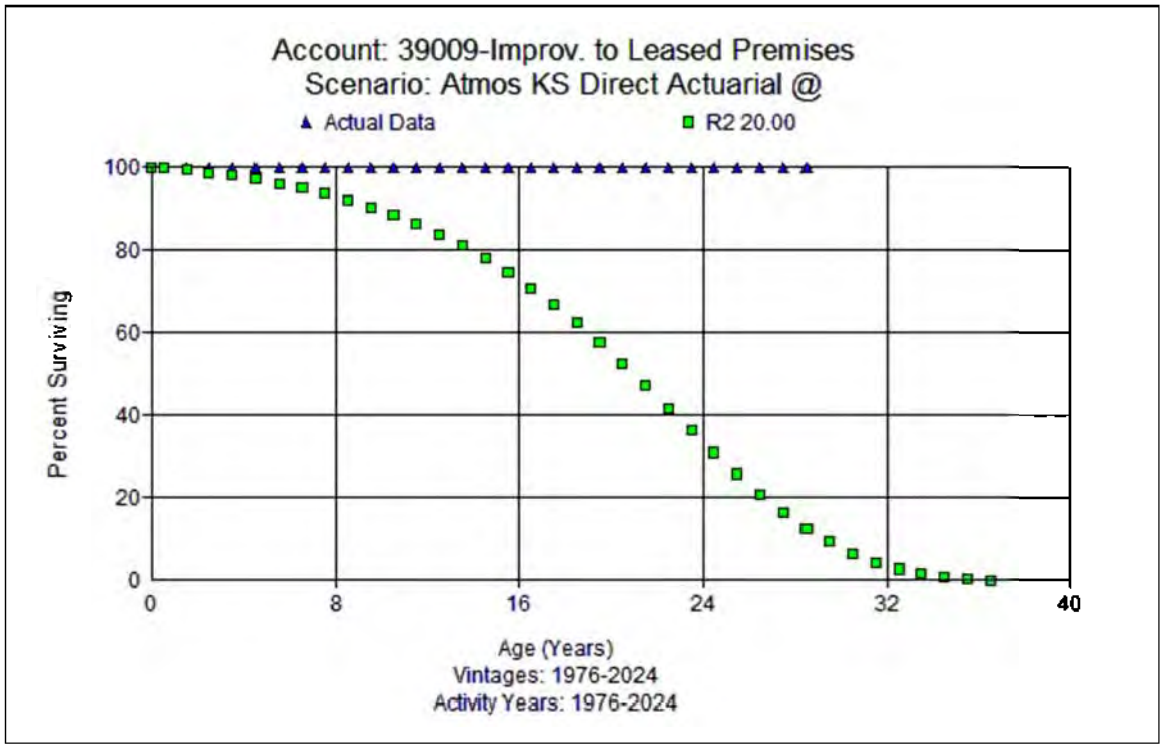


Account 39009 Leasehold Improvements (20 R2)

This account includes the cost of roofs, foundation, air conditioning equipment and leasehold improvements such as carpet, lighting and other structures and improvements. There is approximately $62 thousand in this account. The current life is a 30 R2.

Discussions with Company personnel indicated they are on 10-20 year renewal terms for leases and decisions are on a case by case basis.

The analysis does not provide meaningful results due to limited retirement activity. Therefore, this study recommends a decrease in life to 20 years while retaining the R2 dispersion for the assets in this account. A graph of the observed life table versus the proposed life and curve is shown below.

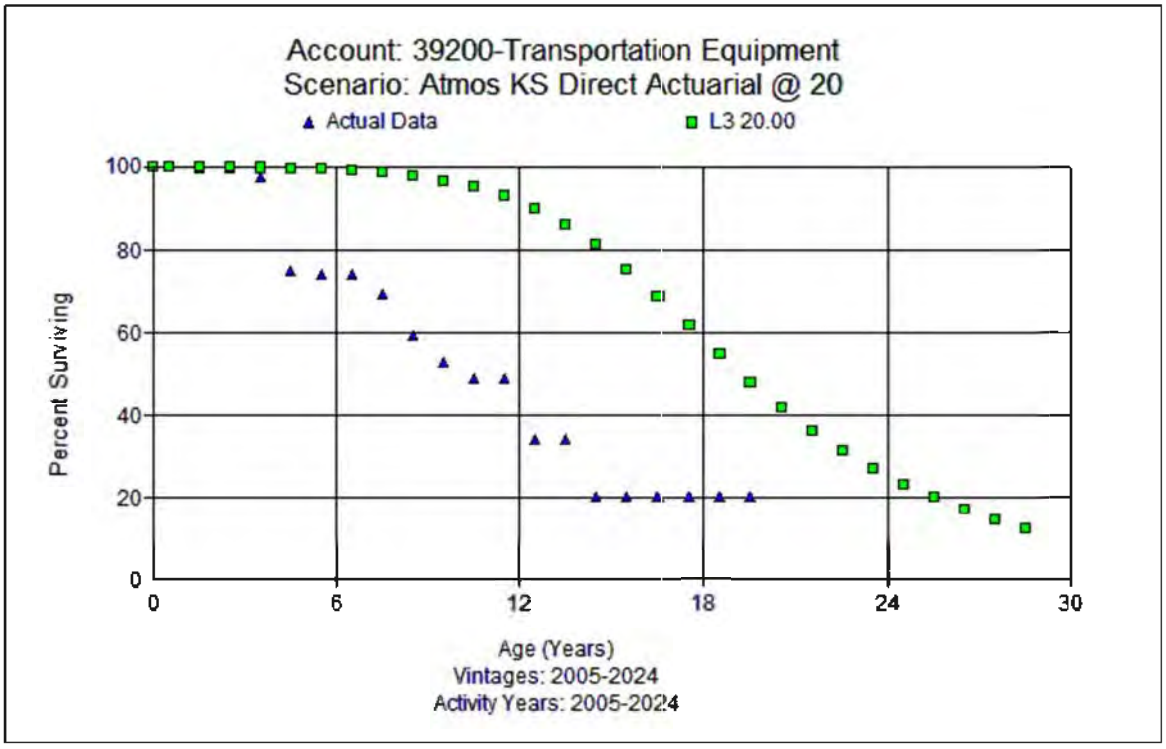


Account 39200 Transportation Equipment (20 L3)

This account consists of various types of transportation equipment such as trailers, a backhoe and ATVs. There is approximately $146 thousand in this account. The current life is an 8 L3.

Discussions with Company personnel indicated most equipment is currently leased. Expectations for smaller vehicles would be around 5 years and larger trucks, tractors and trailers are 10-20 years depending on the asset.

The life analysis indicates a life around 11 years in the most recent bands. However, based on the current mix of assets (mostly trailers and a backhoe) and Company input, this study recommends increasing the life from the existing 8 years to 20 years while retaining the L3 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 20 L3 curve.

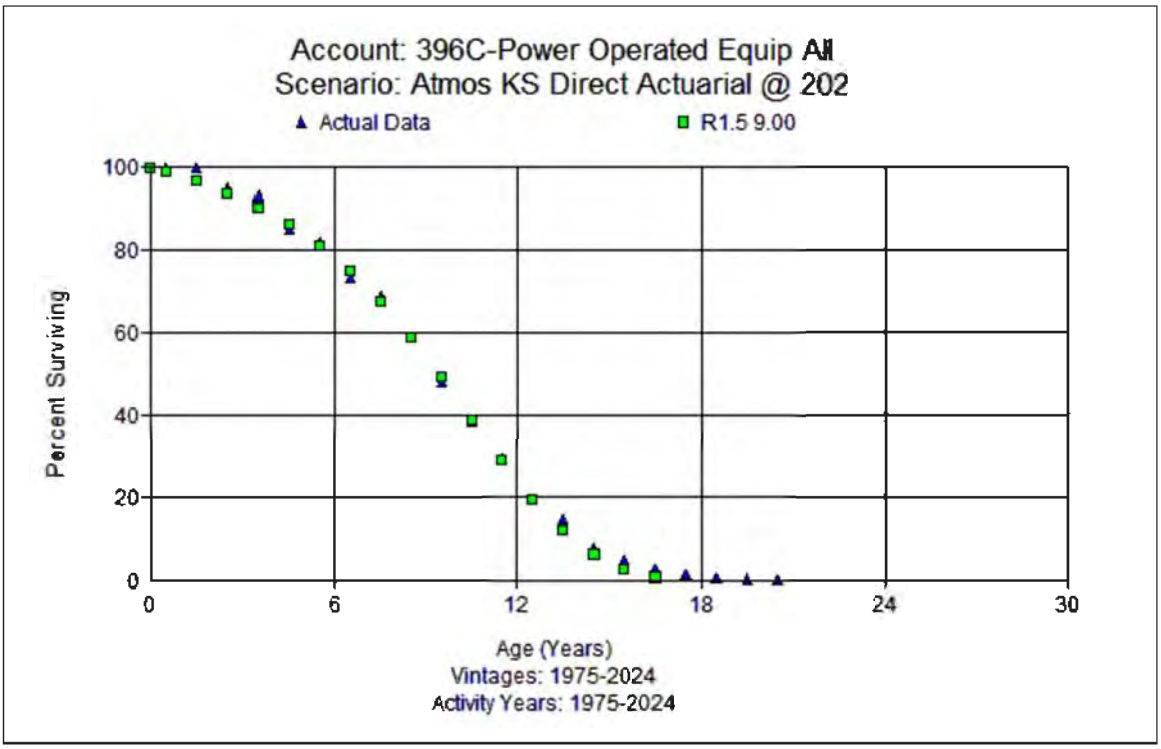


Account 39600, 39603, 39604, & 39605 Power Operated Equipment (9 R1.5)

This account consists of all power operated equipment including trailers, tamper/compactors, ditchers, boring equipment, backhoes, and other miscellaneous power equipment. There is approximately $59 thousand in total for all the accounts. The current life is 9 S0.5.

Discussions with Company personnel indicated boring equipment has a 5 year life, 10 year life for backhoes, and tractors a 10 year life. The Company leases and often times will purchase these assets at the end of the lease term. The life expectations are for total life.

The analysis has best fits ranging from 4-10 years depending on the band. Reliance is on the mid-bands (1975-2024), which indicate a life of 9 years. Based on the analysis, type of equipment and discussions with Company personnel, this study recommends retaining the life of 9 years but moving to the R1.5 dispersion. A graph of the observed life table versus the proposed life and curve is shown below for the 9 R1.5 curve.



Amortized Accounts 39100, 39103, 39300-39500, 39700-39908

This study recommends retention of General Plant Amortization as discussed in the report previously. In compliance with FERC AR 15 requirements, assets totaling $784,526 were determined to exceed the amortization life and are considered retired in the study.

Account 39100 and 39103 Office Furniture, Equipment and Machines (20 SQ)

This account consists of miscellaneous office furniture such as desks, chairs, filing cabinets, tables, copiers, typewriters, and vacuums used for general utility service. There is approximately $216 thousand in this account. The existing life is a 15 SQ.

Discussions with Company personnel indicated there is a $1,000 capitalization threshold. They are currently replacing furniture at 20 years in their current building and believe that is a reasonable expectation going forward.

Based on the Company input, this study recommends an increase in life from 15 to 20 years and retaining the SQ dispersion consistent General Plant Amortization. No graph is provided.

Account 39300 Stores Equipment (25 SQ)

This account consists primarily of forklift and some storage shelving, and miscellaneous equipment used for general utility service. There is approximately $14 thousand in this account. The existing life is a 25 SQ.

Discussions with Company personnel indicated that everything related to stores is now leased, including shelving, forklifts, etc. The existing balance is expected to be retired or transferred.

Based on the new process and types of surviving assets, this study recommends retaining the existing 25 SQ. No graph is provided.

Account 39400 Tools, Shop, and Garage Equipment (17 SQ)

This account consists of various tools used in the shop and garages such

as boring equipment, leak detectors, pipe locators, fusion, tapping, and plugging equipment. There is approximately $6.3 million in this account after retirement of assets with a life greater than service life. The existing life is a 20 SQ.

Discussions with Company personnel indicated the life of many of the tools now have electronics and will not last as long as they had previously. Locators, gauges, leak detectors, flame ionization and electrofusion equipment will last approximately 5 years; squeeze-off equipment, tapping machines, and plugging equipment will last approximately 15 years. Some items may last 20 years. Overall, give the mix of assets in the account, they expect the tools to last on average 10 years.

This study recommends moving toward the lower life expectations with a moderated decrease to 17 years but retain the SQ. This will be reevaluated in the next study. No graph is provided.

Account 39500 Laboratory Equipment (15 SQ)

This account consists of all types of laboratory equipment. There is currently no balance in this account. The existing life is a 15 SQ and is retained for future additions. No graph is provided.

Accounts 39700, 39701, 39702 Communication Equipment (15 SQ)

This account consists of all communication equipment including mobile and fixed radio systems along with telephone, telemetering and other miscellaneous communication equipment. There is approximately $1.7 million in this account. The existing life is a 15 SQ and is retained. No graph is provided.

Account 39800 Miscellaneous Equipment (15 SQ)

This account consists of miscellaneous equipment used in general utility service. There is approximately $282 thousand in this account. The existing life is a 15 SQ and is retained. No graph is provided.

Account 39900 Other Tangible Property (7 SQ)

This account consists of other tangible property used in general utility service. Currently there is no balance in this account. However, if assets are added in the future, the study recommends moving from the existing 8 SQ to the 7 SQ dispersion. No graph is provided.

Account 39901 Server Hardware (7 SQ)

This account consists of server hardware computer equipment. After retirement for assets with a life greater than the amortization life, the balance will be $0 in this account. The existing life is a 7 SQ and is retained. No graph is provided.

Account 39902 Server Software (7 SQ)

This account consists of server software. There is approximately $3 thousand in this account. The existing life is a 7 SQ and is retained. No graph is provided.

Account 39903 – Network Hardware (7 SQ)

This account consists of network hardware computer equipment. There is approximately $1.5 million in this account. The existing life is a 7 SQ and is retained. No graph is provided.

Account 39906 – PC Hardware (4 SQ)

This account consists of personal computer hardware, laptops, printers, monitors, and projectors. After retirement of assets with a life greater than the amortization life there is approximately $413 thousand in this account. The existing life is a 5 SQ. Discussions with Company personnel indicated they try to keep to a 4 year life cycle, but there could be some that are kept longer for spare. The 4 year life cycle is a consistent policy within Atmos as a whole. This study recommends moving to a 4 year life while retaining the SQ. No graph is provided.

Account 39907 PC Software (4 SQ)

This account consists of software for personal computers. There is currently $0 in this account. The existing life is a 5 SQ. Discussions with Company personnel indicated PC Software would follow the hardware generally. This study recommends moving to a 4 year life while retaining the SQ for future additions. No graph is provided.

Account 39908 Application Software (7 SQ)

This account consists of local application software. The larger enterprise software is maintained by the Shared Service division. There is currently $0 in this account. The existing life is a 7 SQ and is retained for future additions. No graph is provided.

NET SALVAGE ANALYSIS

When a capital asset is retired, physically removed from service and finally disposed of, terminal retirement is said to have occurred. The residual value of a terminal retirement is called gross salvage. Net salvage is the difference between the gross salvage (what the asset was sold for) and the removal cost (cost to remove and dispose of the asset). Salvage and removal cost percentages are calculated by dividing the current cost of salvage or removal by the original installed cost of the asset. Some plant assets can experience significant negative removal cost percentages due to the timing of the original addition versus the retirement. For example, a Distribution asset in FERC Account 376 Steel Mains with a current installed cost of $500 (2024) would have had an installed cost of $19.20[2] in 1964. A removal cost of $50 for the asset calculated (incorrectly) on current installed cost would only have a negative 10 percent removal cost ($50/$500). However, a correct removal cost calculation would show a negative 260 percent removal cost for that asset ($50/$19.20). Inflation from the time of installation of the asset until the time of its removal must be considered in the calculation of the removal cost percentage because the depreciation rate, which includes the removal cost percentage, will be applied to the original installed cost of assets.

The net salvage analysis uses the history of the individual accounts to estimate the future net salvage that Kansas can expect in its operations. As a result, the analysis not only looks at the historical experience but also considers recent and expected changes in operations that could reasonably lead to different future expectations for net salvage than were experienced in the past. Generally, recent experience is more heavily weighted in making net salvage recommendations than experience beyond 10 years.

[2] Using the Handy-Whitman Bulletin No. 200, G-3, line 44, $19.20 = $500 x 52/1615.

Net Salvage Characteristics

For each account, data for retirements, gross salvage, and cost of removal generally was derived from 1992-2024. Moving averages, which remove timing differences between retirement and salvage and removal cost, were analyzed over periods varying from one to 15 years, which were evaluated in making the net salvage recommendations for the study. However, for purposes of printing in this report, we have limited it to a period of 10 years in Appendix D. A discussion for each account provides the recommended net salvage factor, the existing net salvage factor if known, and any specific considerations given to support the recommendations.

Underground Storage

The existing net salvage for this function was based on a functional analysis and applied uniformly to all accounts. However, this study has moved back to individual account analysis and recommendations.

Account 35020 Rights of Way (0%)

This account includes any gross salvage or removal cost related to the cost of rights of way located on underground storage lines and other property associated with underground gas storage operations. The existing net salvage is negative 10 percent. No net salvage is anticipated for this account. This study recommends moving to 0 percent net salvage for this account.

Account 35100 Structures and Improvements (-10%)

This account includes any gross salvage or removal cost related to structures and improvements used in connection with underground storage of natural gas. The existing net salvage is negative 10 percent. There have been no retirements, salvage or cost of removal recorded but cost of removal is expected to exceed any salvage at end of life. This study recommends retention of the existing negative 10 percent net salvage at this time for this account.

Account 35200 Wells, Storage Leaseholds & Rights (-22%)

This account includes any gross salvage or removal cost related to the cost of retiring wells from underground storage and associated leasehold and rights. The existing net salvage is negative 10 percent. Based on the recent experience of the wells that have been retired, the cost to close the wells by filling with cement was approximately $12,000 per well. Some salvage was realized for the sale of the storage fields in 2007 but has been removed. Based on 50 wells and Company cost estimate of $12 thousand per well, this study recommends moving to a negative 22 percent net salvage for this account.

Account 35300 Lines (-10%)

This account includes any gross salvage or removal cost related to the assets used to convey gas from the connection point with transmission or field lines to underground storage wells and from underground storage wells to the point where gas enters the transmission system. The existing net salvage is negative 10 percent and is retained.

Account 35400 Compressor Station Equipment (0%)

This account includes any gross salvage or removal cost related to compressor station equipment used to raise the pressure of gas for delivery to underground storage or to raise the pressure of gas withdrawn from underground storage for delivery to the transmission system. The existing net salvage is negative 10 percent. Some salvage is recorded due to the sale of compressors. With to the Company's move to leasing compressor equipment, no salvage or cost of removal is expected so this study recommends 0 percent net salvage for this account.

Account 35500 M&R Equipment (-5%)

This account includes any gross salvage or removal cost related to equipment used to measure and regulate deliveries of gas to underground storage

and withdrawals of gas from underground storage. The existing net salvage is negative 10 percent. Only one retirement and no salvage or cost of removal recorded in the past 19 years evaluated in the study. The expectation is that cost of removal will exceed any salvage at end of life. Therefore, this study recommends moving to negative 5 percent net salvage for this account at this time.

Account 35600 Purification Equipment (-10%)

This account includes any gross salvage or removal cost related to the cost of equipment used to remove impurities from and the conditioning of gas delivered to or removed from underground storage fields. The existing net salvage is negative 10 percent. There have been some small retirements, no salvage and some cost of removal. Based upon the limited activity indications and expectation that cost of removal will exceed any salvage at end of life, this study recommends retaining negative 10 percent net salvage for this account.

Account 35700 Other Equipment (-10%)

This account includes any gross salvage or removal cost related to the cost of equipment used for underground storage when not assigned to other accounts within the underground storage function such as calorimeters or odorizers. The existing net salvage is negative 10 percent. There has been one small retirement, no salvage and a very small cost of removal recorded in the years included in the analysis. This study recommends retaining negative 10 percent net salvage for this account.

Transmission Plant – FERC Accounts 36700, 36701, & 36900

Account 36700 Mains - Cathodic Protection (-10%)

This account includes any gross salvage or removal cost for the cost of all transmission system cathodic protection. The existing net salvage is negative 25 percent. Prior studies had combined 36700 and 36701, going forward these accounts will be segregated. The combined analysis is being impacted by the cost of removal recorded in 2008 but is not indicative of expectations going forward. Based on the 5-10 averages prior to 2008 and discussions with Company, this study recommends moving to a negative 10 percent net salvage for this account.

Account 36701 Mains - Steel (-25%)

This account includes any gross salvage or removal cost for the cost of all transmission system steel mains including excavation costs, pipe, valves, and other equipment. The existing net salvage is negative 25 percent. Prior studies had combined 36700 and 36701, going forward these accounts will be segregated. The combined analysis is being impacted by the cost of removal recorded in 2008 but is not indicative of expectations going forward. Based on the discussions with Company and the segregation of the accounts, this study recommends retaining negative 25 percent net salvage for this account.

Account 36900 M&R Equipment (-5%)

This account includes any gross salvage or removal cost for the costs of meters, gauges, and other equipment used to measure or regulate gas in connection with transmission operations. The existing net salvage is negative 5 percent. Based on the limited activity in the analysis and understanding the expectation that cost of removal will exceed salvage, this study recommends no change at this time.

Distribution Plant – FERC Accounts 37402-38700

Account 37402 Rights of Way (0%)

This account includes any salvage and removal cost related to rights of way used in connection with distribution operations. Some cost of removal was recorded due to the disposal of gathering plant right of way assets in the early 2000's, but no other cost of removal or salvage has been recorded nor expected. This study recommends retention of the 0 percent net salvage for this account.

Account 37500 Structures and Improvements (-5%)

This account consists of any salvage and removal cost related to buildings, border station and regulating station structures, fences, and other miscellaneous related assets used in connection with distribution operations. Some salvage could be realized but will be minimal. Cost of removal is more likely to occur and expected to exceed any salvage. When retirements occur, analysis and discussions with Company personnel indicate the existing negative 5 percent is reasonable and is retained in the study.

Account 37600 Mains Cathodic Protection (- 10%)

This account consists of any salvage and removal cost related to all types of distribution cathodic protection and other related assets. The existing net salvage is negative 25 percent based on a combined analysis. The segregated analysis indicates the 5 and 10-year moving average is negative 26% and negative 106%, respectively. Timing differences in recording of salvage and cost of removal and related retirements are not unusual in the industry and can be seen in the analysis. This study recommends moving to a negative 10 percent net salvage at this time.

Account 37601 and 37602 Mains Steel & Plastic (- 35%)

This account consists of any salvage and removal cost related to all types

of distribution steel mains and other related assets. The existing net salvage is negative 25 percent based on a combined analysis of all 376 accounts. The segregated analysis to be consistent with the life analysis combines only 37601 and 37602. The most recent 5 and 10-year moving average is negative 69% and negative 80%, respectively. This study recommends moving toward the indications but moderating the change with to negative 35 percent net salvage at this time.

Account 37603 Mains Anodes (0%)

This account consists of any salvage and removal cost related to anodes. This account was established in the prior study to facilitate the retirement of these assets. Due to the amortization process being implemented and the manner in which these assets are handled at the end of life, no salvage or cost of removal is expected. The study recommendation is retention of a 0 percent net salvage.

Account 37604 Leak Clamps & Sleeves (0%)

This account consists of any salvage and removal cost related to leak clamps and sleeves. This account was established in the prior study to facilitate the retirement of these assets. Due to the amortization process being implemented and the manner in which these assets are handled at the end of life, no salvage or cost of removal is expected. The study recommendation is a 0 percent net salvage.

Account 37800 Measuring & Regulating Station Equipment (-25%)

This account includes any salvage and removal cost related to measuring equipment, regulator station and valves used in distribution operations. The existing net salvage is negative 5 percent. Timing differences in recording of salvage and cost of removal and related retirements are not unusual in the industry and can be seen in the analysis. The most recent 5 and 10-year moving

average is negative 64% and negative 101%, respectively. This study recommends moving toward the more negative indications but limiting the change to negative 25 percent net salvage.

Account 37900, 37905, & 37908 Measuring & Regulating – City Gate Equipment (-10%)

This account includes any salvage and removal cost related to meters used in measuring and regulating gas at the city gate. The existing net salvage is negative 5 percent. Timing differences in recording of salvage and cost of removal and related retirements are not unusual in the industry and can be seen in the analysis. The most recent 5 and 10-year moving average is negative 42% and negative 44%, respectively. This study recommends moving toward the more negative indications but limiting the change to negative 10 percent net salvage.

Account 38000 Services (- 35%)

This account includes any salvage and removal cost related to all types of services related to distribution operations. The existing net salvage is negative 30 percent. Timing differences in recording of salvage and cost of removal and related retirements are not unusual in the industry and can be seen in the analysis. The most recent 5 and 10-year moving average is negative 48% and negative 46%, respectively. Based on the analysis, discussions with Company, and, judgment, this study recommends moving from the existing negative 30 percent toward the more negative indications but limiting the change to a negative 35 percent net salvage

Account 38100 – Meters (0%)

These accounts include any salvage and removal cost related to meters used in installations. The existing net salvage is 0 percent. Very little salvage is being recorded, and none is expected in the future. Cost of removal was being

recorded but has decreased. The most recent 5 and 10-year moving average is negative 2% and negative 5%, respectively. Based on the analysis and the future expectations we recommend retention of the existing 0 percent net salvage factor at this time.

Account 38200 – 38400 Meter Installations, House Regulators & Installations (-5%)

These accounts include any salvage and removal cost related to meter installations, house regulators and regulator installations. The existing net salvage is negative 5 percent. Due to the combined life analysis, the net salvage analysis was also combined to reflect Company plans and expectations to retire assets in these accounts. Very little salvage is being recorded now, and none is expected in the future. Cost of removal is being consistently recorded and is expected to continue. The most recent 5 and 10-year moving average is negative 5% and negative 11%, respectively. Based on the combined analysis indications we recommend retention of the existing negative 5 percent net salvage factor at this time.

Account 38500 Industrial M&R Station Equipment (-5%)

This account includes any salvage and removal cost related to meters, regulator installations, regulator stations, valves and pressure recorders for industrial customers. No salvage has been recorded and is unlikely. Cost of removal was recorded in 2010 – 2017 but none since. Based on the analysis and expectations that some cost of removal will be incurred, this study recommends retaining the existing negative 5 percent net salvage.

Account 38700 Other Equipment (-5%)

This account includes any salvage and removal cost related to leak detectors, pipe locators, flame ionization and other miscellaneous equipment. Few retirements, minimal salvage and some cost of removal recorded. Based on the

overall analysis indications and judgment, this study recommends retention of the existing negative 5 percent net salvage for this account.

General Plant – FERC Accounts 39000-39908

Depreciated Accounts 39000, 39003, 39004, 39009, 39200, 39600, 39603, 39604, and 39605

Account 39000, 39003, and 39004 Structures & Improvements, and Air Conditioning Equipment (-5%)

This account includes any salvage and removal cost related to structures and improvements used for utility service, buildings, roofs, foundation, air conditioning equipment. Some salvage and cost of removal has been recorded in the past but is due to sales. The sales are removed from both life and net salvage analysis for consistency since they are unlikely to reoccur. Recent activity has been limited, but cost of removal is expected to exceed any routine salvage. There is not a strong basis to change from existing, negative 5 percent net salvage is retained in this study.

Account 39009 Leasehold Improvements (0%)

This account includes any salvage and removal cost related to leasehold improvements such as carpet, lighting and other structures and improvements. The existing net salvage is 0 percent and is retained in this study.

Account 39200 Transportation Equipment (10%)

This account consists of gross salvage and cost of removal for cars, trucks, and other transportation equipment generally that can be licensed on roadways. The existing net salvage is 10 percent. The Company leases most of its vehicles. Assets contained in this account are primarily trailers, ATV, and other

miscellaneous equipment. The most recent 5 and 10-year moving average is 9%. This study recommends retaining the 10 percent net salvage for this account.

Account 39600, 39603, 39604, & 39605 Power Operated Equipment (10%)

This account consists of gross salvage and cost of removal for all power operated equipment including trailers, tamper/compactors, ditchers, boring equipment, backhoes, and other miscellaneous power equipment that generally is not licensed on roadways. The existing net salvage is 5 percent. Some timing differences have occurred resulting in unreasonably high salvage numbers. This study recommends moving toward the more positive indications but limit to 10 percent.

General Amortized Accounts 39100, 39103, 39300-39500, 39700-39908

For the assets classified as amortized, where FERC AR 15 has been implemented, net salvage is generally not occurring, and the accounts have a 0 percent net salvage.

Account 39100 & 39103 Office Furniture & Equipment & Office Machines (0%)

This account consists of gross salvage and cost of removal for miscellaneous office furniture such as desks, chairs, filing cabinets, and tables. The existing net salvage is 0 percent and is retained.

Account 39300 Stores Equipment (0%)

This account consists of gross salvage and cost of removal for stores equipment primarily forklifts, some storage shelving, and miscellaneous equipment used for general utility service. The existing net salvage is 0 percent and is retained.

Account 39400 Tools, Shop, and Garage Equipment (0%)

This account consists of gross salvage and cost of removal for various tools used in the shop and garages such as boring equipment, leak detectors, pipe locators, fusion, tapping, and plugging equipment. The existing net salvage is 0 percent. Some salvage was recorded in 2022 and 2023 and cost of removal in 2021, but these are not expected to continue in the future. This study recommends retention of the 0 percent net salvage for this account.

Account 39500 Laboratory Equipment (0%)

This account includes the gross salvage and cost of removal for laboratory equipment such as calorimeters, gauges, or other testing apparatus. The existing net salvage is 0 percent and is retained.

Accounts 39700, 39701, & 39702 Communication Equipment (0%)

This account includes the gross salvage and cost of removal for telephone, mobile and fixed radios, and telemetering equipment. The existing net salvage is 0 percent. Typically, these assets do not produce any gross salvage or removal cost when retired. This study recommends retaining 0 percent net salvage for this account.

Account 39800 Miscellaneous Equipment (0%)

This account consists of miscellaneous equipment. The existing net salvage is 0 percent and is retained.

Account 39900 Other Tangible Property (0%)

This account consists of gross salvage and cost of removal for other tangible property. The existing net salvage is 0 percent and is retained.

Account 39901 Servers Hardware (0%)

This account consists of gross salvage and cost of removal for server

hardware computer equipment. The existing net salvage is 0 percent and is retained.

Account 39902 Servers Software (0%)

This account consists of gross salvage and cost of removal for server software. The existing net salvage is 0 percent and is retained.

Account 39903 Network Hardware (0%)

This account consists of gross salvage and cost of removal for network hardware computer equipment. The existing net salvage is 0 percent and is retained.

Account 39906 PC Hardware (0%)

This account consists of gross salvage and cost of removal for personal computer hardware, laptop, printers, monitors, and projectors. The existing net salvage is 0 percent and is retained.

Account 39907 PC Software (0%)

This account consists of gross salvage and cost of removal for software for personal computers. The existing net salvage is 0 percent and is retained.

Account 39908 Application Software (0%)

This account consists of gross salvage and cost of removal for large application software. The existing net salvage is 0 percent and is retained.

APPENDIX A Comparison of Depreciation Rates

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
Comparison of Existing and Proposed Depreciation Accrual and Rates

Account Description	Plant Balance	Existing Annual Accrual Rate	Existing Annual Accrual Amount	Proposed Annual Accrual Rate	Proposed Annual Accrual Amount	Change in Depreciation Expense
(a)	(b)	(c)	(d) = (b) * (c)	(e)	[f] = (b) * (e)	[g]
STORAGE PLANT						
35020 - Rights-of-way	$ 568,935	1.27%	$ 7,225	2.24%	$ 12,744	$ 5,519
35100 - Structures & Improvements	102,923	0.64%	659	2.47%	2,542	1,883
35200 - Wells	1,383,362	2.51%	34,722	2.69%	37,212	2,490
35300 - Pipelines	1,151,475	1.83%	21,072	2.02%	23,260	2,188
35400 - Compressor Station Equipment	2,955,224	1.97%	58,218	2.21%	65,310	7,093
35500 - M&R Equipment	223,580	0.58%	1,297	1.99%	4,449	3,152
35600 - Purification Equipment	504,545	0.79%	3,986	2.88%	14,531	10,545
35700 - Other Equipment	1,725,086	1.00%	17,251	7.41%	127,829	110,578
Total Storage	**8,615,131**	**1.68%**	**144,430**	**3.34%**	**287,878**	**143,448**
TRANSMISSION PLANT						
36700-Mains - Cathodic Protection	1,511,139	3.88%	58,632	8.27%	124,971	66,339
36701 - Mains Steel	115,655	2.20%	2,544	2.89%	3,342	798
36900-M&R Station Equipment	147,387	2.29%	3,375	2.75%	4,053	678
Total Transmission	**1,774,181**	**3.64%**	**64,552**	**7.46%**	**132,367**	**67,815**
DISTRIBUTION PLANT						
37402-Land Rights	333,483	1.48%	4,936	1.69%	5,636	700
37500-Structures & Improvements	152,685	1.61%	2,458	3.83%	5,848	3,390
37501-Structures & Improvements T	-	1.61%	0	3.83% *	0	0
37600-Mains - Cathodic Protection	4,542,048	2.27%	103,104	4.60%	208,934	105,830
37601-Mains - Steel	71,036,194	2.81%	1,996,117	2.87%	2,038,739	42,622
37602-Mains - Plastic	195,866,263	2.28%	4,465,751	2.86%	5,601,775	1,136,024
37603-Mains - Anodes	5,848,278	6.67%	390,080	6.67%	390,080	0
37604-Mains - Leak Clamps	4,614,468	7.14%	329,473	5.00%	230,723	(98,750)
37800-M&R Station - General	7,772,941	3.09%	240,184	4.44%	345,119	104,935
37900-M&R Station - City Gate	4,361,270	2.84%	123,860	2.59%	112,957	(10,903)
37905-M&R Station Equipment - City Gate	-	2.84%	0	2.59% *	0	0
37908-M&R Station Telemetering	-	2.84%	0	2.59% *	0	0
38000-Services	123,455,591	2.71%	3,345,647	3.90%	4,814,768	1,469,122
38100-Meters	46,865,360	3.77%	1,766,824	4.80%	2,249,537	482,713

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
Comparison of Existing and Proposed Depreciation Accrual and Rates

Account Description	Plant Balance	Existing Annual Accrual Rate	Existing Annual Accrual Amount	Proposed Annual Accrual Rate	Proposed Annual Accrual Amount	Change in Depreciation Expense
(a)	(b)	(c)	(d) = (b) * (c)	(e)	[f] = (b) * (e)	[g]
38200-Meter Installations	41,837,949	4.45%	1,861,789	3.08%	1,288,609	(573,180)
38300-House Regulators	2,506,239	9.58%	240,098	3.05%	76,440	(163,657)
38400-House Regulator Installations	209,461	5.20%	10,892	3.35%	7,017	(3,875)
38500-Industrial M&R Equipment	1,850,269	3.28%	60,689	3.50%	64,759	4,071
38700-Other Equipment	786,744	0.90%	7,081	6.42%	50,509	43,428
Total Distribution	**512,039,243**	**2.92%**	**14,948,982**	**3.42%**	**17,491,451**	**2,542,469**
GENERAL PLANT_DEPRECIATED						
39000-Structures & Improvements	2,295,687	2.55%	58,540	4.25%	97,567	39,027
39003-Improvements	1,513	2.55%	39	4.25%	64	26
39004-Air Condition Equipment	85,693	2.55%	2,185	4.25%	3,642	1,457
39009-Improvements to Leased Premises	62,040	3.39%	2,103	10.55%	6,545	4,442
39200-Transportation Equipment	146,251	11.06%	16,175	11.27%	16,483	307
39600-Power Operated Equipment	39,376	5.46%	2,150	17.36%	6,836	4,686
39603-Ditchers	7,373	5.46%	403	17.36%	1,280	877
39004-Backhoes	12,569	5.46%	686	17.36%	2,182	1,496
39005-Welders	-	5.46%	0	17.36% *	0	0
Total General Depreciated	**2,650,502**	**3.10%**	**82,281**	**5.08%**	**134,598**	**52,317**
Total Depreciated	**525,079,057**	**2.90%**	**15,240,245**	**3.44%**	**18,046,294**	**2,806,049**
GENERAL PLANT AMORTIZED-After Retirement						
39100-Office Furniture & Equipment	216,494	6.67%	14,440	5.00%	10,825	(3,615)
39103-Office Machines	-	6.67%	0	5.00% *	0	0
39300-Stores Equipment	13,960	4.00%	558	4.00%	558	0
39400-Tools, Shop, & Garage Equipment	6,287,292	5.00%	314,365	5.88%	369,693	55,328
39500-Laboratory Equipment	-	6.67%	0	6.67% *	0	0
39700-Communication Equipment	1,731,368	6.67%	115,482	6.67%	115,482	0
39701-Communication Equipment	-	6.67%	0	6.67% *	0	0
39702-Communication Equipment	-	6.67%	0	6.67% *	0	0
39800-Miscellaneous Equipment	282,381	6.67%	18,835	6.67%	18,835	0
39900-Other Tangible Equipment	-	7.21%	0	14.29% *	0	0

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
Comparison of Existing and Proposed Depreciation Accrual and Rates

Account Description	Plant Balance	Existing Annual Accrual Rate	Existing Annual Accrual Amount	Proposed Annual Accrual Rate	Proposed Annual Accrual Amount	Change in Depreciation Expense
(a)	(b)	(c)	(d) = (b) * (c)	(e)	[f] = (b) * (e)	[g]
39901-Servers - H/W	-	14.29%	0	14.29% *	0	0
39902-Servers - S/W	2,981	14.29%	426	14.29%	426	0
39903-Network - H/W	1,509,438	14.29%	215,699	14.29%	215,699	0
39906-PC Hardware	412,783	20.00%	82,557	25.00%	103,196	20,639
39907-PC Software	-	20.00%	0	25.00% *	0	0
39908-Application Software	-	14.29%	0	14.29% *	0	0
Total General Amortized after Retirements	10,456,698	7.29%	762,362	7.98%	834,714	72,352
Total General Depreciated & Amortized	13,107,201	6.44%	844,643	7.40%	969,312	124,669
Total Depreciable and Amortized Plant	$ 535,535,755	2.99%	$ 16,002,606	3.53%	$ 18,881,007	$ 2,878,401

***Note: Accounts have zero balance. Recommend whole life (1-NS%/ASL) rates for new additions.**

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
ELG Depreciation Life and COR Rates

			APPROVED DOCKET NO. 19-ATMG-525-RTS			PROPOSED DEPRECIATION RATES AND PARAMETERS							
Account	Description	Plant Balance 9/30/2024	Life Rate	COR Rate	Depr Rate	Life Rate	COR Rate	Depr Rate	ASL	Curve	Gross Salvage	COR	Net Salvage
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
STORAGE PLANT													
35020	Rights-of-way	$ 568,935	1.15%	0.12%	1.27%	2.24%	0.00%	2.24%	50	R5	0%	0%	0%
35100	Structures & Improvements	102,923	0.58%	0.06%	0.64%	2.27%	0.20%	2.47%	50	R4	0%	10%	-10%
35200	Wells	1,383,362	2.28%	0.23%	2.51%	2.25%	0.44%	2.69%	50	S4	0%	22%	-22%
35300	Pipeline	1,151,475	1.66%	0.17%	1.83%	1.85%	0.17%	2.02%	60	R4	0%	10%	-10%
35400	Compressor Station Equipment	2,955,224	1.79%	0.18%	1.97%	2.21%	0.00%	2.21%	50	S2	0%	0%	0%
35500	M&R Equipment	223,580	0.53%	0.05%	0.58%	1.90%	0.09%	1.99%	55	R1.5	0%	5%	-5%
35600	Purification Equipment	504,545	0.72%	0.07%	0.79%	2.63%	0.25%	2.88%	40	R4	0%	10%	-10%
35700	Other Equipment	1,725,086	0.91%	0.09%	1.00%	6.74%	0.67%	7.41%	15	S3	0%	10%	-10%
	Total Storage Plant	8,615,131											
TRANSMISSION PLANT													
36700	Mains - Cathodic Protection	1,511,139	3.10%	0.78%	3.88%	7.91%	0.36%	8.27%	28	R0.5	0%	10%	-10%
36701	Mains - Steel	115,655	1.76%	0.44%	2.20%	2.49%	0.40%	2.89%	62	R1	0%	25%	-25%
36900	M&R Station Equipment	147,387	2.18%	0.11%	2.29%	2.66%	0.09%	2.75%	55	R1.5	0%	5%	-5%
	Total Transmission Plant	1,774,181											
DISTRIBUTION PLANT													
37402	Land Rights	333,483	1.48%	0.00%	1.48%	1.69%	0.00%	1.69%	70	R4	0%	0%	0%
37500	Structures & Improvements	152,685	1.53%	0.08%	1.61%	3.69%	0.14%	3.83%	37	S1.5	0%	5%	-5%
37501	Structures & Improvements T	-	1.53%	0.08%	1.61%	3.69%	0.14%	3.83%	37	S1.5	0%	5%	-5%
37600	Mains - Cathodic Protection	4,542,048	1.82%	0.45%	2.27%	4.24%	0.36%	4.60%	28	R0.5	0%	10%	-10%
37601	Mains - Steel	71,036,194	2.25%	0.56%	2.81%	2.29%	0.58%	2.87%	60	S1	0%	35%	-35%
37602	Mains - Plastic	195,866,263	1.82%	0.46%	2.28%	2.28%	0.58%	2.86%	60	S1	0%	35%	-35%
37603	Mains-Anodes	5,848,623	6.67%	0.00%	6.67%	6.67%	0.00%	6.67%	15	SQ	0%	0%	0%
37604	Mains-Leak Clamps	4,614,468	7.14%	0.00%	7.14%	5.00%	0.00%	5.00%	20	SQ	0%	0%	0%
37800	M&R Station Equipment - General	7,772,941	2.94%	0.15%	3.09%	3.81%	0.63%	4.44%	40	R0.5	0%	25%	-25%
37900	M&R Station - City Gate	4,361,270	2.70%	0.14%	2.84%	2.41%	0.18%	2.59%	55	R1.5	0%	10%	-10%
37905	M&R Equipment - City Gate	-	2.70%	0.14%	2.84%	2.41%	0.18%	2.59%	55	R1.5	0%	10%	-10%
37908	M&R Station - Telemetering	-	2.70%	0.14%	2.84%	2.41%	0.18%	2.59%	55	R1.5	0%	10%	-10%
38000	Services	123,455,591	2.08%	0.63%	2.71%	3.10%	0.80%	3.90%	44	R2	0%	35%	-35%
38100	Meters	46,865,360	3.77%	0.00%	3.77%	4.80%	0.00%	4.80%	28	R1	0%	0%	0%
38200	Meter Installations	41,837,949	4.24%	0.21%	4.45%	2.97%	0.11%	3.08%	44	R2	0%	5%	-5%
38300	House Regulators	2,506,239	9.12%	0.46%	9.58%	2.94%	0.11%	3.05%	44	R2	0%	5%	-5%
38400	House Regulator Installations	209,461	4.95%	0.25%	5.20%	3.24%	0.11%	3.35%	44	R2	0%	5%	-5%

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
ELG Depreciation Life and COR Rates

			APPROVED DOCKET NO. 19-ATMG-525-RTS			PROPOSED DEPRECIATION RATES AND PARAMETERS							
Account	Description	Plant Balance 9/30/2024	Life Rate	COR Rate	Depr Rate	Life Rate	COR Rate	Depr Rate	ASL	Curve	Gross Salvage	COR	Net Salvage
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
38500	Industrial M&R Equipment	1,850,269	3.12%	0.16%	3.28%	3.36%	0.14%	3.50%	37	R1.5	0%	5%	-5%
38700	Other Equipment	786,744	0.86%	0.04%	0.90%	5.92%	0.50%	6.42%	10	SQ	0%	5%	-5%
	Total Distribution Plant	512,039,588											
GENERAL PLANT - DEPRECIATED													
39000	Structures & Improvements	2,295,687	2.43%	0.12%	2.55%	4.12%	0.13%	4.25%	40	R1.5	0%	5%	-5%
39003	Improvements	1,513	2.43%	0.12%	2.55%	4.12%	0.13%	4.25%	40	R1.5	0%	5%	-5%
39004	Air Condition Equipment	85,693	2.43%	0.12%	2.55%	4.12%	0.13%	4.25%	40	R1.5	0%	5%	-5%
39009	Improvements to Leased Premises	62,040	3.39%	0.00%	3.39%	10.55%	0.00%	10.55%	20	R2	0%	0%	0%
39200	Transportation Equipment	146,251	11.06%	0.00%	11.06%	11.27%	0.00%	11.27%	20	L3	10%	0%	10%
39600	Power Operated Equipment	39,376	5.46%	0.00%	5.46%	17.36%	0.00%	17.36%	9	R1.5	10%	0%	10%
39603	Ditchers	7,373	5.46%	0.00%	5.46%	17.36%	0.00%	17.36%	9	R1.5	10%	0%	10%
39604	Backhoes	12,569	5.46%	0.00%	5.46%	17.36%	0.00%	17.36%	9	R1.5	10%	0%	10%
39605	Welders	-	5.46%	0.00%	5.46%	17.36%	0.00%	17.36%	9	R1.5	10%	0%	10%
	Total General Plant Depreciated	2,650,502											
GENERAL PLANT - AMORTIZED													
39100	Office Furniture & Equipment	216,494	6.67%	0.00%	6.67%	5.00%	0.00%	5.00%	20	SQ	0%	0%	0%
39103	Office Machines	-	6.67%	0.00%	6.67%	5.00%	0.00%	5.00%	20	SQ	0%	0%	0%
39300	Stores Equipment	13,960	4.00%	0.00%	4.00%	4.00%	0.00%	4.00%	25	SQ	0%	0%	0%
39400	Tools, Shop, & Garage Equipment	6,785,058	5.00%	0.00%	5.00%	5.88%	0.00%	5.88%	17	SQ	0%	0%	0%
39500	Laboratory Equipment	-	6.67%	0.00%	6.67%	6.67%	0.00%	6.67%	15	SQ	0%	0%	0%
39700	Communication Equipment	1,487,426	6.67%	0.00%	6.67%	6.67%	0.00%	6.67%	15	SQ	0%	0%	0%
39701	Communication Mobile Radios	-	6.67%	0.00%	6.67%	6.67%	0.00%	6.67%	15	SQ	0%	0%	0%
39702	Communication Fixed Radios	243,942	6.67%	0.00%	6.67%	6.67%	0.00%	6.67%	15	SQ	0%	0%	0%
39800	Miscellaneous Equipment	282,381	6.67%	0.00%	6.67%	6.67%	0.00%	6.67%	15	SQ	0%	0%	0%
39900	Other Tangible Property	-	7.21%	0.00%	7.21%	14.29%	0.00%	14.29%	7	SQ	0%	0%	0%
39901	Servers Hardware	10,155	14.29%	0.00%	14.29%	14.29%	0.00%	14.29%	7	SQ	0%	0%	0%
39902	Servers Software	2,981	14.29%	0.00%	14.29%	14.29%	0.00%	14.29%	7	SQ	0%	0%	0%
39903	Network Hardware	1,509,438	14.29%	0.00%	14.29%	14.29%	0.00%	14.29%	7	SQ	0%	0%	0%
39906	PC Hardware	689,389	20.00%	0.00%	20.00%	25.00%	0.00%	25.00%	4	SQ	0%	0%	0%
39907	PC Software	-	20.00%	0.00%	20.00%	25.00%	0.00%	25.00%	4	SQ	0%	0%	0%
39908	Application Software	-	14.29%	0.00%	14.29%	14.29%	0.00%	14.29%	7	SQ	0%	0%	0%
	Total General Plant Amortized	11,241,225											
	Total Depreciable and Amortized Plant	$ 536,320,627											

APPENDIX B Calculation of Equal Life Group Remaining Life

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
Calculation of Annual Depreciation Expense Accrual and Rates

Account Description	Plant Balance 09/30/2024	Allocated Reserve 09/30/2024	Net Salvage %	Net Salvage Amount	Unaccrued Balance	Composite Remaining Life	Annual Accrual Amount	Annual Accrual Rate
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
STORAGE PLANT								
35020 - Rights-of-way	$ 568,935	$ 369,567	0%	$ -	$ 199,369	15.67	$ 12,720	2.24%
35100-Structures & Improvements	102,923	67,941	-10%	(10,292)	45,274	17.84	2,537	2.47%
35200-Wells	1,383,362	894,695	-22%	(304,340)	793,006	21.34	37,156	2.69%
35300-Pipelines	1,151,475	611,139	-10%	(115,148)	655,484	28.23	23,220	2.02%
35400-Compressor Station Equipment	2,955,224	1,124,443	0%	-	1,830,781	28.02	65,339	2.21%
35500-M&R Equipment	223,580	112,721	-5%	(11,179)	122,038	27.42	4,451	1.99%
35600-Purification Equipment	504,545	271,336	-10%	(50,455)	283,664	19.49	14,554	2.88%
35700-Other Equipment	1,725,086	327,761	-10%	(172,509)	1,569,833	12.28	127,828	7.41%
Total Storage	**8,615,131**	**3,779,603**		**(663,922)**	**5,499,450**		**287,803**	**3.34%**
TRANSMISSION PLANT								
36700-Mains - Cathodic Protection	1,511,139	560,580	-10%	(151,114)	1,101,672	8.81	124,985	8.27%
36701-Mains Steel	115,655	16,159	-25%	(28,914)	128,410	38.45	3,340	2.89%
36900-M&R Station Equipment	147,387	22,828	-5%	(7,369)	131,928	32.53	4,056	2.75%
Total Transmission	**1,774,181**	**599,567**		**(187,397)**	**1,362,010**		**132,381**	**7.46%**
DISTRIBUTION PLANT								
37402-Land Rights	333,483	80,576	0%	-	252,907	44.99	5,621	1.69%
37500-Structures & Improvements	152,685	79,200	-5%	(7,634)	81,119	13.87	5,850	3.83%
37600-Mains - Cathodic Protection	4,542,048	2,255,217	-10%	(454,205)	2,741,036	13.11	209,114	4.60%
37601-Mains - Steel	71,036,194	21,245,213	-35%	(24,862,668)	74,653,648	36.66	2,036,405	2.87%
37602-Mains - Plastic	195,866,263	45,493,992	-35%	(68,553,192)	218,925,463	39.09	5,600,970	2.86%
37603-Mains - Anodes	5,848,278	3,016,284	0%	-	2,831,994	7.26	389,885	6.67%
37604-Mains - Leak Clamps	4,614,468	1,408,574	0%	-	3,205,894	13.89	230,723	5.00%
37800-M&R Station - General	7,772,941	2,530,243	-25%	(1,943,235)	7,185,933	20.80	345,450	4.44%
37900-M&R Station - City Gate	4,361,270	1,091,809	-10%	(436,127)	3,705,588	32.81	112,947	2.59%
38000-Services	123,455,591	37,453,527	-35%	(43,209,457)	129,211,520	26.87	4,809,536	3.90%

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
Calculation of Annual Depreciation Expense Accrual and Rates

Account Description	Plant Balance 09/30/2024	Allocated Reserve 09/30/2024	Net Salvage %	Net Salvage Amount	Unaccrued Balance	Composite Remaining Life	Annual Accrual Amount	Annual Accrual Rate
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
38100-Meters	46,865,360	11,089,403	0%	-	35,775,957	15.90	2,249,914	4.80%
38200-Meter Installations	41,837,949	7,057,338	-5%	(2,091,897)	36,872,508	28.63	1,288,068	3.08%
38300-House Regulators	2,506,239	876,042	-5%	(125,312)	1,755,509	23.00	76,322	3.05%
38400-House Regulator Installations	209,461	114,016	-5%	(10,473)	105,919	15.10	7,017	3.35%
38500-Industrial M&R Equipment	1,850,269	614,887	-5%	(92,513)	1,327,895	20.52	64,708	3.50%
38700-Other Equipment	786,744	535,390	-5%	(39,337)	290,692	5.75	50,517	6.42%
Total Distribution	**512,039,243**	**134,941,712**		**(141,826,051)**	**518,923,582**		**17,483,048**	**3.41%**
GENERAL PLANT_DEPRECIATED								
390C-Structures & Improvements	2,382,893	236,456	-5%	(119,145)	2,265,582	22.37	101,255	4.25%
39009-Improvents to Leased Premises	62,040	8,781	-5%	(3,102)	56,361	8.61	6,546	10.55%
39200-Transportation Equipment	146,251	20,745	10%	14,625	110,881	6.73	16,479	11.27%
396C-Power Operated Equipment All	59,318	6,191	10%	5,932	47,195	4.58	10,296	17.36%
Total General Depreciated	**2,650,502**	**272,173**		**(101,690)**	**2,480,019**		**134,576**	**5.08%**
Total Depreciated	**$ 525,079,057**	**$ 139,593,055**		**$ (142,779,059)**	**$ 528,265,061**		**$ 18,037,808**	**3.44%**

Atmos Energy - Kansas
Depreciation Study as of September 30, 2024
Calculation of General Plant Amortized Accrual and Rates

Account Description	Plant Balance 09/30/2024	Allocated Reserve 09/30/2024	Theoretical Reserve 09/30/2024	Reserve Deficit/Surplus	Reserve Recovery Years	Amortize Reserve Deficit/Surplus	Assets with Age Greater Than ASL
39100-Office Furniture & Equipment All	$ 216,494	$ 115,366	$ 115,366	$ -	3	$ -	$ -
39300-Stores Equipment	13,960	3,630	3,630	0.00	3	-	-
39400-Tools, Shop, & Garage Equipment	6,785,058	3,191,959	3,191,959	0.00	3	-	497,765
39500-Laboratory Equipment	-	-	-	0.00	3	-	-
397C-Communication Equipment All	1,731,368	676,745	676,745	0.00	3	-	-
39800-Miscellaneous Equipment	282,381	192,769	192,769	0.00	3	-	-
39900-Other Tangible Property	-	-	-	0.00	3	-	-
39901-Servers - H/W	10,155	10,155	10,155	0.00	3	-	10,155
39902-Servers - S/W	2,981	639	639	0.00	3	-	-
39903-Network - H/W	1,509,438	962,540	962,540	0.00	3	-	-
39906-PC Hardware	689,389	495,877	495,877	0.00	3	-	276,606
39907-PC Software	-	-	-	0.00	3	-	-
39908-Application Software	-	-	-	0.00	3	-	-
Total General Amortized	**11,241,225**	**5,649,679**	**5,649,679**	**-**		**-**	**784,526**

After Retirements of Assets With Age > Average Service Life

Description	Plant Balance 09/30/2011	Allocated Reserve 09/30/2011	Annual Amortization	Accrual For Reserve Deficit/Surplus	Total Amortization	Annual Amortization %	
39100-Office Furniture & Equipment All	216,494	115,366	10,825	0.00	10,825	5.00%	
39300-Stores Equipment	13,960	3,630	558	0.00	558	4.00%	
39400-Tools, Shop, & Garage Equipment	6,287,292	2,694,194	369,841	0.00	369,841	5.88%	
39500-Laboratory Equipment	-	-	-	0.00	-	6.67%	*
397C-Communication Equipment All	1,731,368	676,745	115,425	0.00	115,425	6.67%	
39800-Miscellaneous Equipment	282,381	192,769	18,825	0.00	18,825	6.67%	
39900-Other Tangible Property	-	-	-	0.00	-	14.29%	*
39901-Servers - H/W	-	-	-	0.00	-	14.29%	*
39902-Servers - S/W	2,981	639	426	0.00	426	14.29%	
39903-Network - H/W	1,509,438	962,540	215,634	0.00	215,634	14.29%	
39906-PC Hardware	412,783	219,271	103,196	0.00	103,196	25.00%	
39907-PC Software	-	-	-	0.00	-	25.00%	*
39908-Application Software	-	-	-	0.00	-	14.29%	*
Total General Amortized After Retirements	**10,456,698**	**4,865,152**	**834,730**	**-**	**834,730**		
Total Plant in Study	**$ 535,535,755**	**$ 144,458,207**					

***Note: Accounts have a zero balance. Recommend whole life (1-NS%/ASL) rates for new additions.**

APPENDIX C Mortality Characteristics

ATMOS ENERGY CORPORATION - KANSAS PROPERTY
Depreciation Study as of September 30, 2024
Comparison of Existing and Proposed Parameters

		Existing					Proposed 2024				
		Mortality Characteristics					Mortality Characteristics				
Account	Description	ASL	Iowa Curve	Gross Salvage	Cost of Removal	Net Salvage	ASL	Iowa Curve	Gross Salvage	Cost of Removal	Net Salvage
STORAGE PLANT											
35020	Rights-of-Way	50	R5	0%	10%	-10%	50	R5	0%	0%	0%
35100	Well Structures	50	R4	0%	10%	-10%	50	R4	0%	10%	-10%
35200	Wells	50	S4	0%	10%	-10%	50	S4	0%	22%	-22%
35300	Pipelines	60	R4	0%	10%	-10%	60	R4	0%	10%	-10%
35400	Compressor Station Equipment	50	S2	0%	10%	-10%	50	S2	0%	0%	0%
35500	M&R Equipment	40	S3	0%	10%	-10%	55	R1.5	0%	5%	-5%
35600	Purification Equipment	40	R4	0%	10%	-10%	40	R4	0%	10%	-10%
35700	Other Equipment	35	S3	0%	10%	-10%	15	S3	0%	10%	-10%
TRANSMISSION PLANT											
36700	Mains - Cathodic Protection	55	R2	0%	25%	-25%	28	R0.5	0%	10%	-10%
36701	Mains - Steel	55	R2	0%	25%	-25%	62	R1	0%	25%	-25%
36900	M&R Station Equipment	40	R2	0%	5%	-5%	55	R1.5	0%	5%	-5%
DISTRIBUTION PLANT											
37402	Land Rights	60	R4	0%	0%	0%	70	R4	0%	0%	0%
37500	Structures and Improvements	35	S0	0%	5%	-5%	37	S1.5	0%	5%	-5%
37501	Structures and Improvements T	35	S0	0%	5%	-5%	37	S1.5	0%	5%	-5%
37600	Mains - Cathodic Protection	55	R2	0%	25%	-25%	28	R0.5	0%	10%	-10%
37601	Mains - Steel	55	R2	0%	25%	-25%	60	S1	0%	35%	-35%
37602	Mains - Plastic	55	R2	0%	25%	-25%	60	S1	0%	35%	-35%
37603	Mains - Anodes	15	SQ	0%	0%	0%	15	SQ	0%	0%	0%
37604	Mains - Leak Clamps	14	SQ	0%	0%	0%	20	SQ	0%	0%	0%
37800	M&R Station - General	35	S0	0%	5%	-5%	40	R0.5	0%	25%	-25%
37900	M&R Station - City Gate	40	R2	0%	5%	-5%	55	R1.5	0%	10%	-10%

ATMOS ENERGY CORPORATION - KANSAS PROPERTY
Depreciation Study as of September 30, 2024
Comparison of Existing and Proposed Parameters

		Existing					Proposed 2024				
		Mortality Characteristics					Mortality Characteristics				
Account	Description	ASL	Iowa Curve	Gross Salvage	Cost of Removal	Net Salvage	ASL	Iowa Curve	Gross Salvage	Cost of Removal	Net Salvage
37905	M&R Station Equipment - City Gate	40	R2	0%	5%	-5%	55	R1.5	0%	10%	-10%
37908	M&R Station Telemetering	40	R2	0%	5%	-5%	55	R1.5	0%	10%	-10%
38000	Services	44	R2	0%	30%	-30%	44	R2	0%	35%	-35%
38100	Meters	20	R3	0%	0%	0%	28	R1	0%	0%	0%
38200	Meter Installations	25	R1.5	0%	5%	-5%	44	R2	0%	5%	-5%
38300	House Regulators	25	R1.5	0%	5%	-5%	44	R2	0%	5%	-5%
38400	House Regulator Installations	25	R1.5	0%	5%	-5%	44	R2	0%	5%	-5%
38500	Industrial M&R Equipment	30	R1.5	0%	5%	-5%	37	R1.5	0%	5%	-5%
38700	Other Equipment	20	R4	0%	5%	-5%	10	SQ	0%	5%	-5%
GENERAL PLANT											
39000	Structures and Improvements	40	R1.5	0%	5%	-5%	40	R1.5	0%	5%	-5%
39003	Improvements	40	R1.5	0%	5%	-5%	40	R1.5	0%	5%	-5%
39004	Air Conditioning Equipment	40	R1.5	0%	5%	-5%	40	R1.5	0%	5%	-5%
39009	Improvements to Leased Premises	30	R2	0%	0%	0%	20	R2	0%	0%	0%
39100	Office Furniture and Equipment	15	SQ	0%	0%	0%	20	SQ	0%	0%	0%
39103	Office Machines	15	SQ	0%	0%	0%	20	SQ	0%	0%	0%
39200	Transportation Equipment	8	L3	10%	0%	10%	20	L3	10%	0%	10%
39300	Stores Equipment	25	SQ	0%	0%	0%	25	SQ	0%	0%	0%
39400	Tools, Shop, & Garage Equipment	20	SQ	0%	0%	0%	17	SQ	0%	0%	0%
39500	Laboratory Equipment	15	SQ	0%	0%	0%	15	SQ	0%	0%	0%
39600	Power Operated Equipment	9	S0.5	5%	0%	5%	9	R1.5	10%	0%	10%
39603	Ditchers	9	S0.5	5%	0%	5%	9	R1.5	10%	0%	10%
39604	Backhoes	9	S0.5	5%	0%	5%	9	R1.5	10%	0%	10%
39605	Welders	9	S0.5	5%	0%	5%	9	R1.5	10%	0%	10%
39700	Communication Equipment	15	SQ	0%	0%	0%	15	SQ	0%	0%	0%
39701	Communication Mobile Radios	15	SQ	0%	0%	0%	15	SQ	0%	0%	0%

ATMOS ENERGY CORPORATION - KANSAS PROPERTY
Depreciation Study as of September 30, 2024
Comparison of Existing and Proposed Parameters

		Existing					Proposed 2024				
		Mortality Characteristics					Mortality Characteristics				
Account	Description	ASL	Iowa Curve	Gross Salvage	Cost of Removal	Net Salvage	ASL	Iowa Curve	Gross Salvage	Cost of Removal	Net Salvage
39702	Communication Fixed Radios	15	SQ	0%	0%	0%	15	SQ	0%	0%	0%
39800	Miscellaneous Equipment	15	SQ	0%	0%	0%	15	SQ	0%	0%	0%
39900	Other Tangible Property	8	SQ	0%	0%	0%	7	SQ	0%	0%	0%
39901	Servers Hardware	7	SQ	0%	0%	0%	7	SQ	0%	0%	0%
39902	Servers Software	7	SQ	0%	0%	0%	7	SQ	0%	0%	0%
39903	Network Hardware	7	SQ	0%	0%	0%	7	SQ	0%	0%	0%
39906	PC Hardware	5	SQ	0%	0%	0%	4	SQ	0%	0%	0%
39907	PC Software	5	SQ	0%	0%	0%	4	SQ	0%	0%	0%
39908	Application Software	7	SQ	0%	0%	0%	7	SQ	0%	0%	0%

APPENDIX D NET SALVAGE

ATMOS ENERGY - KANSAS DIVISION
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
35200	1992	$ -	$ -	$ -	$ -	NA									
35200	1993	0	0	0	0	NA	NA								
35200	1994	0	0	0	0	NA	NA	NA							
35200	1995	5,962	0	0	0	0.0%	0.0%	0.0%	0.0%						
35200	1996	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%					
35200	1997	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.0%				
35200	1998	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.0%			
35200	1999	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.0%		
35200	2000	29,814	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
35200	2001	416	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
35200	2002	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35200	2003	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35200	2004	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35200	2005	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35200	2006	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
35200	2007	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
35200	2008	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
35200	2009	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
35200	2010	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
35200	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35200	2018	18,947	0	492,215	(492,215)	-2597.9%	-2597.9%	-2597.9%	-2597.9%	-2597.9%	-2597.88%	-2597.88%	-2597.88%	-2597.88%	-2597.88%
35200	2019	0	0	0	0	NA	-2597.9%	-2597.9%	-2597.9%	-2597.9%	-2597.88%	-2597.88%	-2597.88%	-2597.88%	-2597.88%
35200	2020	0	0	0	0	NA	NA	-2597.9%	-2597.9%	-2597.9%	-2597.88%	-2597.88%	-2597.88%	-2597.88%	-2597.88%
35200	2021	10,320	0	199,574	(199,574)	-1933.9%	-1933.9%	-1933.9%	-2363.8%	-2363.8%	-2363.75%	-2363.75%	-2363.75%	-2363.75%	-2363.75%
35200	2022	0	0	0	0	NA	-1933.9%	-1933.9%	-1933.9%	-2363.8%	-2363.75%	-2363.75%	-2363.75%	-2363.75%	-2363.75%
35200	2023	0	0	0	0	NA	NA	-1933.9%	-1933.9%	-1933.9%	-2363.75%	-2363.75%	-2363.75%	-2363.75%	-2363.75%
35200	2024	1,612	0	(103)	103	6.4%	6.4%	6.4%	-1671.8%	-1671.8%	-1671.81%	-2240.05%	-2240.05%	-2240.05%	-2240.05%
35400	1992	0	0	0	0	NA									
35400	1993	0	0	0	0	NA	NA								
35400	1994	0	0	0	0	NA	NA	NA							
35400	1995	0	0	0	0	NA	NA	NA	NA						
35400	1996	0	0	0	0	NA	NA	NA	NA	NA					
35400	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
35400	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
35400	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
35400	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
35400	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ATMOS ENERGY - KANSAS DIVISION
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
35400	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2004	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2005	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2007	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2008	0	0	(583,179)	583,179	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35400	2009	14,118	0	0	0	0.0%	4130.9%	4130.9%	4130.9%	4130.9%	4130.86%	4130.86%	4130.86%	4130.86%	4130.86%
35400	2010	0	0	0	0	NA	0.0%	4130.9%	4130.9%	4130.9%	4130.86%	4130.86%	4130.86%	4130.86%	4130.86%
35400	2011	0	0	0	0	NA	NA	0.0%	4130.9%	4130.9%	4130.86%	4130.86%	4130.86%	4130.86%	4130.86%
35400	2012	0	0	0	0	NA	NA	NA	0.0%	4130.9%	4130.86%	4130.86%	4130.86%	4130.86%	4130.86%
35400	2013	155,807	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	343.20%	343.20%	343.20%	343.20%	343.20%
35400	2014	0	0	181	(181)	NA	-0.1%	-0.1%	-0.1%	-0.1%	-0.11%	343.09%	343.09%	343.09%	343.09%
35400	2015	0	0	(5,025)	5,025	NA	NA	3.1%	3.1%	3.1%	3.11%	2.85%	346.05%	346.05%	346.05%
35400	2016	0	0	0	0	NA	NA	NA	3.1%	3.1%	3.11%	3.11%	2.85%	346.05%	346.05%
35400	2017	0	0	0	0	NA	NA	NA	NA	3.1%	3.11%	3.11%	3.11%	2.85%	346.05%
35400	2018	0	0	0	0	NA	NA	NA	NA	NA	3.11%	3.11%	3.11%	3.11%	2.85%
35400	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	3.11%	3.11%	3.11%	3.11%
35400	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	3.11%	3.11%	3.11%
35400	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	3.11%	3.11%
35400	2022	155,807	0	130	(130)	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.08%	-0.08%	3.14%	3.03%	1.51%
35400	2023	0	0	0	0	NA	-0.1%	-0.1%	-0.1%	-0.1%	-0.08%	-0.08%	-0.08%	3.14%	3.03%
35400	2024	10,344	0	276	(276)	-2.7%	-2.7%	-0.2%	-0.2%	-0.2%	-0.24%	-0.24%	-0.24%	-0.24%	2.78%
35500	1992	0	0	0	0	NA									
35500	1993	0	0	0	0	NA	NA								
35500	1994	0	0	0	0	NA	NA	NA							
35500	1995	0	0	0	0	NA	NA	NA	NA						
35500	1996	0	0	0	0	NA	NA	NA	NA	NA					
35500	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
35500	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
35500	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
35500	2000	803	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
35500	2001	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
35500	2002	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35500	2003	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35500	2004	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35500	2005	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
35500	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
35500	2007	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
35500	2008	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
35500	2009	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
35500	2010	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ATMOS ENERGY - KANSAS DIVISION
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
35500	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35500	2022	1,187	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35500	2023	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35500	2024	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35600	1992	0	0	0	0	NA									
35600	1993	0	0	0	0	NA	NA								
35600	1994	0	0	0	0	NA	NA	NA							
35600	1995	0	0	0	0	NA	NA	NA	NA						
35600	1996	0	0	0	0	NA	NA	NA	NA	NA					
35600	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
35600	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
35600	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
35600	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
35600	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2004	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2005	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2007	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2008	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2009	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2010	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35600	2019	717	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35600	2020	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35600	2021	717	0	197	(197)	-27.4%	-27.4%	-13.7%	-13.7%	-13.7%	-13.72%	-13.72%	-13.72%	-13.72%	-13.72%

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35600	2022	0	0	0	0	NA	-27.4%	-27.4%	-13.7%	-13.7%	-13.72%	-13.72%	-13.72%	-13.72%	-13.72%
35600	2023	0	0	0	0	NA	NA	-27.4%	-27.4%	-13.7%	-13.72%	-13.72%	-13.72%	-13.72%	-13.72%
35600	2024	0	0	0	0	NA	NA	NA	-27.4%	-27.4%	-13.72%	-13.72%	-13.72%	-13.72%	-13.72%
35700	1992	0	0	0	0	NA									
35700	1993	0	0	0	0	NA	NA								
35700	1994	0	0	0	0	NA	NA	NA							
35700	1995	0	0	0	0	NA	NA	NA	NA						
35700	1996	0	0	0	0	NA	NA	NA	NA	NA					
35700	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
35700	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
35700	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
35700	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
35700	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2004	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2005	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2007	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2008	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2009	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2010	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35700	2019	130	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
35700	2020	0	0	755	(755)	NA	-582.8%	-582.8%	-582.8%	-582.8%	-582.77%	-582.77%	-582.77%	-582.77%	-582.77%
35700	2021	0	0	0	0	NA	NA	-582.8%	-582.8%	-582.8%	-582.77%	-582.77%	-582.77%	-582.77%	-582.77%
35700	2022	0	0	0	0	NA	NA	NA	-582.8%	-582.8%	-582.77%	-582.77%	-582.77%	-582.77%	-582.77%
35700	2023	0	0	0	0	NA	NA	NA	NA	-582.8%	-582.77%	-582.77%	-582.77%	-582.77%	-582.77%
35700	2024	0	0	0	0	NA	NA	NA	NA	NA	-582.77%	-582.77%	-582.77%	-582.77%	-582.77%
367C	1992	18,617	0	0	0	0.0%									
367C	1993	0	0	0	0	NA	0.0%								
367C	1994	2,126	0	0	0	0.0%	0.0%	0.0%							
367C	1995	7,353	0	0	0	0.0%	0.0%	0.0%	0.0%						
367C	1996	263	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
367C	1997	107	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				

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367C	1998	3,873	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
367C	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
367C	2000	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
367C	2001	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
367C	2002	11,267	0	7,936	(7,936)	-70.4%	-70.4%	-70.4%	-70.4%	-52.4%	-52.05%	-51.17%	-34.71%	-31.76%	-31.76%
367C	2003	47,856	0	4,341	(4,341)	-9.1%	-20.8%	-20.8%	-20.8%	-20.8%	-19.49%	-19.46%	-19.38%	-17.36%	-16.85%
367C	2004	84,165	0	0	0	0.0%	-3.3%	-8.6%	-8.6%	-8.6%	-8.57%	-8.34%	-8.34%	-8.32%	-7.93%
367C	2005	22,121	0	7,758	(7,758)	-35.1%	-7.3%	-7.8%	-12.1%	-12.1%	-12.11%	-12.11%	-11.84%	-11.83%	-11.81%
367C	2006	0	0	0	0	NA	-35.1%	-7.3%	-7.8%	-12.1%	-12.11%	-12.11%	-12.11%	-11.84%	-11.83%
367C	2007	0	0	0	0	NA	NA	-35.1%	-7.3%	-7.8%	-12.11%	-12.11%	-12.11%	-12.11%	-11.84%
367C	2008	0	0	79,972	(79,972)	NA	NA	NA	-396.6%	-82.5%	-59.73%	-60.46%	-60.46%	-60.46%	-60.46%
367C	2009	47,443	0.00	441	(441)	-0.9%	-169.5%	-169.5%	-169.5%	-126.7%	-57.36%	-45.89%	-47.19%	-47.19%	-47.19%
367C	2010	0	0	0	0	NA	-0.9%	-169.5%	-169.5%	-169.5%	-126.75%	-57.36%	-45.89%	-47.19%	-47.19%
367C	2011	0	0	0	0	NA	NA	-0.9%	-169.5%	-169.5%	-169.49%	-126.75%	-57.36%	-45.89%	-47.19%
367C	2012	0	0	0	0	NA	NA	NA	-0.9%	-169.5%	-169.49%	-169.49%	-126.75%	-57.36%	-45.89%
367C	2013	272,308	4,050	270,003	(265,953)	-97.7%	-97.7%	-97.7%	-97.7%	-83.3%	-108.32%	-108.32%	-108.32%	-103.58%	-83.12%
367C	2014	106,148	0	359,197	(359,197)	-338.4%	-165.2%	-165.2%	-165.2%	-165.2%	-146.89%	-165.66%	-165.66%	-165.66%	-159.22%
367C	2015	0	0	0	0	NA	-338.4%	-165.2%	-165.2%	-165.2%	-165.18%	-146.89%	-165.66%	-165.66%	-165.66%
367C	2016	0	0	0	0	NA	NA	-338.4%	-165.2%	-165.2%	-165.18%	-165.18%	-146.89%	-165.66%	-165.66%
367C	2017	0	0	0	0	NA	NA	NA	-338.4%	-165.2%	-165.18%	-165.18%	-165.18%	-146.89%	-165.66%
367C	2018	0	0	0	0	NA	NA	NA	NA	-338.4%	-165.18%	-165.18%	-165.18%	-165.18%	-146.89%
367C	2019	0	0	0	0	NA	NA	NA	NA	NA	-338.39%	-165.18%	-165.18%	-165.18%	-165.18%
367C	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	-338.39%	-165.18%	-165.18%	-165.18%
367C	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-338.39%	-165.18%	-165.18%
367C	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	-338.39%	-165.18%
367C	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-338.39%
367C	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	1992	16,954	0	0	0	0.0%									
36800	1993	28,627	0	0	0	0.0%	0.0%								
36800	1994	73,284	0	0	0	0.0%	0.0%	0.0%							
36800	1995	0	0	0	0	NA	0.0%	0.0%	0.0%						
36800	1996	0	0	0	0	NA	NA	0.0%	0.0%	0.0%					
36800	1997	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.0%				
36800	1998	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.0%			
36800	1999	0	0	344	(344)	NA	NA	NA	NA	NA	-0.47%	-0.34%	-0.3%		
36800	2000	7,633	0	0	0	0.0%	-4.5%	-4.5%	-4.5%	-4.5%	-4.51%	-0.43%	-0.31%	-0.3%	
36800	2001	7,952	0	0	0	0.0%	0.0%	-2.2%	-2.2%	-2.2%	-2.21%	-2.21%	-0.39%	-0.29%	-0.3%
36800	2002	0	2,688	0	2,688	NA	33.8%	17.2%	15.0%	15.0%	15.04%	15.04%	15.04%	2.64%	1.99%
36800	2003	121,143	0	54,522	(54,522)	-45.0%	-42.8%	-40.2%	-37.9%	-38.2%	-38.16%	-38.16%	-38.16%	-38.16%	-24.85%
36800	2004	1,279,344	0	0	0	0.0%	-3.9%	-3.7%	-3.7%	-3.7%	-3.68%	-3.68%	-3.68%	-3.68%	-3.68%
36800	2005	1,167,941	65,056	194,369	(129,313)	-11.1%	-5.3%	-7.2%	-7.1%	-7.0%	-7.01%	-7.02%	-7.02%	-7.02%	-7.02%
36800	2006	0	0	0	0	NA	-11.1%	-5.3%	-7.2%	-7.1%	-7.03%	-7.01%	-7.02%	-7.02%	-7.02%
36800	2007	0	0	0	0	NA	NA	-11.1%	-5.3%	-7.2%	-7.05%	-7.03%	-7.01%	-7.02%	-7.02%

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36800	2008	0	0	0	0	NA	NA	NA	-11.1%	-5.3%	-7.16%	-7.05%	-7.03%	-7.01%	-7.02%
36800	2009	0	0	0	0	NA	NA	NA	NA	-11.1%	-5.28%	-7.16%	-7.05%	-7.03%	-7.01%
36800	2010	0	0	0	0	NA	NA	NA	NA	NA	-11.07%	-5.28%	-7.16%	-7.05%	-7.03%
36800	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	-11.07%	-5.28%	-7.16%	-7.05%
36800	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-11.07%	-5.28%	-7.16%
36800	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	-11.07%	-5.28%
36800	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-11.07%
36800	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36800	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36900	1992	0	0	0	0	NA									
36900	1993	2,450	0	0	0	0.0%	0.0%								
36900	1994	0	0	0	0	NA	0.0%	0.0%							
36900	1995	0	0	0	0	NA	NA	0.0%	0.0%						
36900	1996	0	0	0	0	NA	NA	NA	0.0%	0.0%					
36900	1997	0	0	0	0	NA	NA	NA	NA	0.0%	0.0%				
36900	1998	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.0%			
36900	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.0%		
36900	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.0%	
36900	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.0%
36900	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
36900	2003	14,988	0	15,959	(15,959)	-106.5%	-106.5%	-106.5%	-106.5%	-106.5%	-106.48%	-106.48%	-106.48%	-106.48%	-106.48%
36900	2004	45,683	0	0	0	0.0%	-26.3%	-26.3%	-26.3%	-26.3%	-26.30%	-26.30%	-26.30%	-26.30%	-26.30%
36900	2005	30,242	4,942	10,074	(5,131)	-17.0%	-6.8%	-23.2%	-23.2%	-23.2%	-23.20%	-23.20%	-23.20%	-23.20%	-23.20%
36900	2006	0	0	0	0	NA	-17.0%	-6.8%	-23.2%	-23.2%	-23.20%	-23.20%	-23.20%	-23.20%	-23.20%
36900	2007	0	0	0	0	NA	NA	-17.0%	-6.8%	-23.2%	-23.20%	-23.20%	-23.20%	-23.20%	-23.20%
36900	2008	0	0	0	0	NA	NA	NA	-17.0%	-6.8%	-23.20%	-23.20%	-23.20%	-23.20%	-23.20%
36900	2009	0	0	0	0	NA	NA	NA	NA	-17.0%	-6.76%	-23.20%	-23.20%	-23.20%	-23.20%
36900	2010	0	0	0	0	NA	NA	NA	NA	NA	-16.97%	-6.76%	-23.20%	-23.20%	-23.20%
36900	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	-16.97%	-6.76%	-23.20%	-23.20%
36900	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-16.97%	-6.76%	-23.20%
36900	2013	0	0	278	(278)	NA	NA	NA	NA	NA	NA	NA	NA	-17.89%	-7.12%
36900	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-17.89%
36900	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
36900	2016	1,324	0	0	0	0.0%	0.0%	0.0%	-21.0%	-21.0%	-21.00%	-21.00%	-21.00%	-21.00%	-21.00%
36900	2017	0	0	0	0	NA	0.0%	0.0%	0.0%	-21.0%	-21.00%	-21.00%	-21.00%	-21.00%	-21.00%

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36900	2018	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	-21.00%	-21.00%	-21.00%	-21.00%	-21.00%
36900	2019	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	-21.00%	-21.00%	-21.00%	-21.00%
36900	2020	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	-21.00%	-21.00%	-21.00%
36900	2021	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	-21.00%	-21.00%
36900	2022	180	0	70	(70)	-38.9%	-38.9%	-38.9%	-38.9%	-38.9%	-38.86%	-4.65%	-4.65%	-4.65%	-23.14%
36900	2023	0	0	0	0	NA	-38.9%	-38.9%	-38.9%	-38.9%	-38.86%	-38.86%	-4.65%	-4.65%	-4.65%
36900	2024	0	0	0	0	NA	NA	-38.9%	-38.9%	-38.9%	-38.86%	-38.86%	-38.86%	-4.65%	-4.65%
37402	1992	0	0	0	0	NA									
37402	1993	0	0	0	0	NA	NA								
37402	1994	0	0	0	0	NA	NA	NA							
37402	1995	0	0	0	0	NA	NA	NA	NA						
37402	1996	0	0	0	0	NA	NA	NA	NA	NA					
37402	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
37402	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
37402	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
37402	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
37402	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2004	86,418	0	40,145	(40,145)	-46.5%	-46.5%	-46.5%	-46.5%	-46.5%	-46.45%	-46.45%	-46.45%	-46.45%	-46.45%
37402	2005	5,409	2	7,271	(7,269)	-134.4%	-51.6%	-51.6%	-51.6%	-51.6%	-51.63%	-51.63%	-51.63%	-51.63%	-51.63%
37402	2006	0	0	0	0	NA	-134.4%	-51.6%	-51.6%	-51.6%	-51.63%	-51.63%	-51.63%	-51.63%	-51.63%
37402	2007	0	0	0	0	NA	NA	-134.4%	-51.6%	-51.6%	-51.63%	-51.63%	-51.63%	-51.63%	-51.63%
37402	2008	0	0	0	0	NA	NA	NA	-134.4%	-51.6%	-51.63%	-51.63%	-51.63%	-51.63%	-51.63%
37402	2009	0	0	0	0	NA	NA	NA	NA	-134.4%	-51.63%	-51.63%	-51.63%	-51.63%	-51.63%
37402	2010	0	0	0	0	NA	NA	NA	NA	NA	-134.38%	-51.63%	-51.63%	-51.63%	-51.63%
37402	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	-134.38%	-51.63%	-51.63%	-51.63%
37402	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-134.38%	-51.63%	-51.63%
37402	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	-134.38%	-51.63%
37402	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-134.38%
37402	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37402	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	1992	5,268	0	0	0	0.0%									

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Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
37500	1993	5,334	0	0	0	0.0%	0.0%								
37500	1994	137	0	0	0	0.0%	0.0%	0.0%							
37500	1995	0	0	0	0	NA	0.0%	0.0%	0.0%						
37500	1996	0	0	0	0	NA	NA	0.0%	0.0%	0.0%					
37500	1997	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.0%				
37500	1998	191	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
37500	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
37500	2000	1,720	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
37500	2001	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
37500	2002	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
37500	2003	14,889	0	586	(586)	-3.9%	-3.9%	-3.9%	-3.5%	-3.5%	-3.49%	-3.49%	-3.49%	-3.49%	-3.46%
37500	2004	1,070	0	0	0	0.0%	-3.7%	-3.7%	-3.7%	-3.3%	-3.32%	-3.28%	-3.28%	-3.28%	-3.28%
37500	2005	19,266	134	264	(130)	-0.7%	-0.6%	-2.0%	-2.0%	-2.0%	-1.94%	-1.94%	-1.93%	-1.93%	-1.93%
37500	2006	0	0	0	0	NA	-0.7%	-0.6%	-2.0%	-2.0%	-2.03%	-1.94%	-1.94%	-1.93%	-1.93%
37500	2007	75	0	862	(862)	-1150.3%	-1150.3%	-5.1%	-4.9%	-4.5%	-4.47%	-4.47%	-4.26%	-4.26%	-4.24%
37500	2008	0	0	0	0	NA	-1150.3%	-1150.3%	-5.1%	-4.9%	-4.47%	-4.47%	-4.47%	-4.26%	-4.26%
37500	2009	0	0	0	0	NA	NA	-1150.3%	-1150.3%	-5.1%	-4.86%	-4.47%	-4.47%	-4.47%	-4.26%
37500	2010	0	0	0	0	NA	NA	NA	-1150.3%	-1150.3%	-5.13%	-4.86%	-4.47%	-4.47%	-4.47%
37500	2011	0	0	0	0	NA	NA	NA	NA	-1150.3%	-1150.34%	-5.13%	-4.86%	-4.47%	-4.47%
37500	2012	0	0	0	0	NA	NA	NA	NA	NA	-1150.34%	-1150.34%	-5.13%	-4.86%	-4.47%
37500	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	-1150.34%	-1150.34%	-5.13%	-4.86%
37500	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-1150.34%	-1150.34%	-5.13%
37500	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	-1150.34%	-1150.34%
37500	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-1150.34%
37500	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37500	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37600	1992	171,280	0	48,550	(48,550)	-28.3%									
37600	1993	86,295	0	58,282	(58,282)	-67.5%	-41.5%								
37600	1994	104,730	0	28,436	(28,436)	-27.2%	-45.4%	-37.3%							
37600	1995	120,193	0	29,842	(29,842)	-24.8%	-25.9%	-37.5%	-34.2%						
37600	1996	163,417	0	28,348	(28,348)	-17.3%	-20.5%	-22.3%	-30.5%	-30.0%					
37600	1997	116,108	0	26,858	(26,858)	-23.1%	-19.7%	-21.3%	-22.5%	-29.1%	-28.9%				
37600	1998	40,600	830	14,772	(13,942)	-34.3%	-26.0%	-21.6%	-22.5%	-23.4%	-29.41%	-29.2%			
37600	1999	37,780	5,917	30,475	(24,558)	-65.0%	-49.1%	-33.6%	-26.2%	-25.8%	-26.08%	-31.42%	-30.8%		
37600	2000	136,663	0	1,962	(1,962)	-1.4%	-15.2%	-18.8%	-20.3%	-19.3%	-20.42%	-21.40%	-26.34%	-26.7%	
37600	2001	132,238	0	698,855	(698,855)	-528.5%	-260.6%	-236.5%	-212.9%	-165.3%	-126.76%	-110.36%	-100.13%	-97.13%	-86.5%
37600	2002	854,804	0	14,591	(14,591)	-1.7%	-72.3%	-63.7%	-63.7%	-62.7%	-59.23%	-54.61%	-52.38%	-50.83%	-51.63%
37600	2003	699,314	0	50,115	(50,115)	-7.2%	-4.2%	-45.3%	-42.0%	-42.5%	-42.29%	-41.18%	-39.40%	-38.64%	-38.14%

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37600	2004	3,169,518	0	112,392	(112,392)	-3.5%	-4.2%	-3.7%	-18.0%	-17.6%	-17.94%	-18.07%	-18.19%	-18.16%	-18.31%
37600	2005	749,382	17,912	294,555	(276,643)	-36.9%	-9.9%	-9.5%	-8.3%	-20.6%	-20.11%	-20.40%	-20.50%	-20.55%	-20.46%
37600	2006	210,249	0	244,589	(244,589)	-116.3%	-54.3%	-15.3%	-14.2%	-12.3%	-24.03%	-23.51%	-23.77%	-23.84%	-23.83%
37600	2007	10,397	0	34,671	(34,671)	-333.5%	-126.6%	-57.3%	-16.1%	-14.8%	-12.87%	-24.58%	-24.05%	-24.30%	-24.37%
37600	2008	16,839	0	578	(578)	-3.4%	-129.4%	-117.8%	-56.4%	-16.1%	-14.81%	-12.85%	-24.52%	-23.99%	-24.25%
37600	2009	2,900	0	37,359	(37,359)	-1288.4%	-192.2%	-240.9%	-132.0%	-60.0%	-16.98%	-15.57%	-13.49%	-25.14%	-24.60%
37600	2010	5,817	0	216	(216)	-3.7%	-431.1%	-149.3%	-202.6%	-128.9%	-59.67%	-16.96%	-15.55%	-13.48%	-25.12%
37600	2011	1,192	0	5,161	(5,161)	-432.9%	-76.7%	-431.3%	-161.9%	-209.9%	-130.39%	-60.12%	-17.08%	-15.66%	-13.57%
37600	2012	0	0	0	0	NA	-432.9%	-76.7%	-431.3%	-161.9%	-209.95%	-130.39%	-60.12%	-17.08%	-15.66%
37600	2013	0	0	0	0	NA	NA	-432.9%	-76.7%	-431.3%	-161.93%	-209.95%	-130.39%	-60.12%	-17.08%
37600	2014	0	0	0	0	NA	NA	NA	-432.9%	-76.7%	-431.28%	-161.93%	-209.95%	-130.39%	-60.12%
37600	2015	15,613	0	99,588	(99,588)	-637.8%	-637.8%	-637.8%	-637.8%	-623.3%	-463.98%	-557.64%	-337.34%	-336.58%	-160.51%
37600	2016	22,384	0	11,551	(11,551)	-51.6%	-292.5%	-292.5%	-292.5%	-292.5%	-296.76%	-258.88%	-321.20%	-238.55%	-251.69%
37600	2017	18,430	0	6,450	(6,450)	-35.0%	-44.1%	-208.4%	-208.4%	-208.4%	-208.39%	-213.03%	-193.84%	-241.68%	-193.45%
37600	2018	0	0	745	(745)	NA	-39.0%	-45.9%	-209.7%	-209.7%	-209.71%	-209.71%	-214.33%	-195.01%	-242.81%
37600	2019	5,461	0	0	0	0.0%	-13.6%	-30.1%	-40.5%	-191.2%	-191.20%	-191.20%	-191.20%	-195.77%	-179.56%
37600	2020	56,873	0	16,996	(16,996)	-29.9%	-27.3%	-28.5%	-30.0%	-34.7%	-113.95%	-113.95%	-113.95%	-113.95%	-117.12%
37600	2021	0	0	0	0	NA	-29.9%	-27.3%	-28.5%	-30.0%	-34.65%	-113.95%	-113.95%	-113.95%	-113.95%
37600	2022	4,457	0	404	(404)	-9.1%	-9.1%	-28.4%	-26.1%	-27.2%	-28.86%	-33.59%	-110.16%	-110.16%	-110.16%
37600	2023	0	0	(39)	39	NA	-8.2%	-8.2%	-28.3%	-26.0%	-27.11%	-28.81%	-33.55%	-110.12%	-110.12%
37600	2024	4,899	0	41	(41)	-0.8%	0.0%	-4.3%	-4.3%	-26.3%	-24.27%	-25.31%	-27.29%	-32.13%	-105.95%
37601	1992	0	0	0	0	NA									
37601	1993	0	0	0	0	NA	NA								
37601	1994	0	0	0	0	NA	NA	NA							
37601	1995	0	0	0	0	NA	NA	NA	NA						
37601	1996	0	0	0	0	NA	NA	NA	NA	NA					
37601	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
37601	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
37601	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
37601	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
37601	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37601	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37601	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37601	2004	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37601	2005	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37601	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37601	2007	208,557	0	183,478	(183,478)	-88.0%	-88.0%	-88.0%	-88.0%	-88.0%	-87.98%	-87.98%	-87.98%	-87.98%	-87.98%
37601	2008	270,293	0	387,473	(387,473)	-143.4%	-119.2%	-119.2%	-119.2%	-119.2%	-119.23%	-119.23%	-119.23%	-119.23%	-119.23%
37601	2009	407,156	0	157,317	(157,317)	-38.6%	-80.4%	-82.2%	-82.2%	-82.2%	-82.20%	-82.20%	-82.20%	-82.20%	-82.20%
37601	2010	319,595	0	300,212	(300,212)	-93.9%	-63.0%	-84.8%	-85.3%	-85.3%	-85.31%	-85.31%	-85.31%	-85.31%	-85.31%
37601	2011	555,867	0	345,581	(345,581)	-62.2%	-73.8%	-62.6%	-76.7%	-78.0%	-78.01%	-78.01%	-78.01%	-78.01%	-78.01%
37601	2012	1,721,138	8,132	1,730,320	(1,722,188)	-100.1%	-90.8%	-91.2%	-84.1%	-89.0%	-88.91%	-88.91%	-88.91%	-88.91%	-88.91%
37601	2013	734,403	0	867,537	(867,537)	-118.1%	-105.5%	-97.5%	-97.1%	-90.8%	-94.31%	-94.00%	-94.00%	-94.00%	-94.00%
37601	2014	1,107,079	0	546,133	(546,133)	-49.3%	-76.8%	-88.0%	-84.5%	-85.2%	-81.30%	-84.57%	-84.71%	-84.71%	-84.71%

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37601	2015	913,539	296	1,386,265	(1,385,969)	-151.7%	-95.6%	-101.6%	-101.0%	-96.7%	-96.56%	-92.47%	-94.75%	-94.52%	-94.52%
37601	2016	416,005	(530)	418,328	(418,858)	-100.7%	-135.7%	-96.5%	-101.5%	-101.0%	-97.03%	-96.86%	-93.02%	-95.13%	-94.91%
37601	2017	708,004	0	501,458	(501,458)	-70.8%	-81.9%	-113.2%	-90.7%	-95.9%	-97.18%	-94.02%	-94.01%	-90.74%	-92.73%
37601	2018	225,155	0	176,033	(176,033)	-78.2%	-72.6%	-81.3%	-109.7%	-89.9%	-94.93%	-96.44%	-93.46%	-93.48%	-90.34%
37601	2019	463,370	0	427,999	(427,999)	-92.4%	-87.7%	-79.2%	-84.1%	-106.8%	-90.17%	-94.67%	-96.14%	-93.38%	-93.41%
37601	2020	(1,135,655)	0	319,093	(319,093)	28.1%	111.1%	206.5%	-546.1%	-272.3%	-203.05%	-139.96%	-135.29%	-123.52%	-117.55%
37601	2021	371,204	0	276,079	(276,079)	-74.4%	77.9%	339.8%	1579.4%	-269.1%	-202.23%	-178.70%	-132.03%	-129.35%	-120.22%
37601	2022	419,012	0	554,697	(554,697)	-132.4%	-105.1%	332.9%	-1338.0%	-511.2%	-214.57%	-182.28%	-170.55%	-132.07%	-129.65%
37601	2023	517,206	0	315,422	(315,422)	-61.0%	-92.9%	-87.7%	-853.1%	-298.1%	-240.54%	-163.92%	-150.66%	-151.00%	-122.89%
37601	2024	488,290	0	467,172	(467,172)	-95.7%	-77.8%	-93.9%	-89.8%	-292.8%	-210.11%	-188.09%	-147.72%	-139.81%	-143.02%
37602	1992	0	0	0	0	NA									
37602	1993	0	0	0	0	NA	NA								
37602	1994	0	0	0	0	NA	NA	NA							
37602	1995	0	0	0	0	NA	NA	NA	NA						
37602	1996	0	0	0	0	NA	NA	NA	NA	NA					
37602	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
37602	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
37602	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
37602	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
37602	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37602	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37602	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37602	2004	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37602	2005	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37602	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37602	2007	306,874	0	61,358	(61,358)	-20.0%	-20.0%	-20.0%	-20.0%	-20.0%	-19.99%	-19.99%	-19.99%	-19.99%	-19.99%
37602	2008	40,005	0	53,541	(53,541)	-133.8%	-33.1%	-33.1%	-33.1%	-33.1%	-33.12%	-33.12%	-33.12%	-33.12%	-33.12%
37602	2009	192,621	0	28,550	(28,550)	-14.8%	-35.3%	-26.6%	-26.6%	-26.6%	-26.59%	-26.59%	-26.59%	-26.59%	-26.59%
37602	2010	177,228	0	142,343	(142,343)	-80.3%	-46.2%	-54.8%	-39.9%	-39.9%	-39.87%	-39.87%	-39.87%	-39.87%	-39.87%
37602	2011	261,384	0	40,431	(40,431)	-15.5%	-41.7%	-33.5%	-39.5%	-33.4%	-33.35%	-33.35%	-33.35%	-33.35%	-33.35%
37602	2012	297,053	505	107,394	(106,889)	-36.0%	-26.4%	-39.4%	-34.3%	-38.4%	-33.97%	-33.97%	-33.97%	-33.97%	-33.97%
37602	2013	611,042	0	97,973	(97,973)	-16.0%	-22.6%	-21.0%	-28.8%	-27.0%	-29.74%	-28.16%	-28.16%	-28.16%	-28.16%
37602	2014	265,588	0	160,798	(160,798)	-60.5%	-29.5%	-31.2%	-28.3%	-34.0%	-31.97%	-34.18%	-32.15%	-32.15%	-32.15%
37602	2015	278,256	173	231,488	(231,315)	-83.1%	-72.1%	-42.4%	-41.1%	-37.2%	-41.24%	-38.80%	-40.59%	-37.99%	-37.99%
37602	2016	282,855	(1)	144,617	(144,618)	-51.1%	-67.0%	-64.9%	-44.1%	-42.7%	-39.18%	-42.53%	-40.27%	-41.83%	-39.36%
37602	2017	313,761	0	223,477	(223,477)	-71.2%	-61.7%	-68.5%	-66.7%	-49.0%	-47.11%	-43.53%	-46.15%	-43.90%	-45.22%
37602	2018	174,136	0	98,312	(98,312)	-56.5%	-66.0%	-60.5%	-66.5%	-65.3%	-49.67%	-47.84%	-44.44%	-46.82%	-44.66%
37602	2019	236,002	0	213,470	(213,470)	-90.5%	-76.0%	-73.9%	-67.5%	-70.9%	-69.13%	-54.12%	-51.93%	-48.43%	-50.38%
37602	2020	514,549	0	271,647	(271,647)	-52.8%	-64.6%	-63.1%	-65.2%	-62.5%	-65.73%	-65.06%	-53.87%	-52.08%	-49.12%
37602	2021	363,649	0	213,323	(213,323)	-58.7%	-55.2%	-62.7%	-61.8%	-63.7%	-61.80%	-64.54%	-64.10%	-54.44%	-52.80%
37602	2022	1,077,473	0	598,765	(598,765)	-55.6%	-56.4%	-55.4%	-59.2%	-59.0%	-60.42%	-59.53%	-61.56%	-61.48%	-54.74%
37602	2023	2,188,979	0	678,894	(678,894)	-31.0%	-39.1%	-41.1%	-42.5%	-45.1%	-45.54%	-47.20%	-47.41%	-49.24%	-49.77%
37602	2024	1,211,590	0	468,799	(468,799)	-38.7%	-33.8%	-39.0%	-40.5%	-41.7%	-43.72%	-44.10%	-45.50%	-45.75%	-47.32%

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Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
3760102	1992	0	0	0	0	NA									
3760102	1993	0	0	0	0	NA	NA								
3760102	1994	0	0	0	0	NA	NA	NA							
3760102	1995	0	0	0	0	NA	NA	NA	NA						
3760102	1996	0	0	0	0	NA	NA	NA	NA	NA					
3760102	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
3760102	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
3760102	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
3760102	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3760102	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3760102	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3760102	2003	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3760102	2004	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3760102	2005	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3760102	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3760102	2007	515,431	0	244,837	(244,837)	-47.5%	-47.5%	-47.5%	-47.5%	-47.5%	-47.50%	-47.50%	-47.50%	-47.50%	-47.50%
3760102	2008	310,298	0	441,014	(441,014)	-142.1%	-83.1%	-83.1%	-83.1%	-83.1%	-83.06%	-83.06%	-83.06%	-83.06%	-83.06%
3760102	2009	599,777	0	185,867	(185,867)	-31.0%	-68.9%	-61.2%	-61.2%	-61.2%	-61.15%	-61.15%	-61.15%	-61.15%	-61.15%
3760102	2010	496,822	0	442,554	(442,554)	-89.1%	-57.3%	-76.0%	-68.4%	-68.4%	-68.37%	-68.37%	-68.37%	-68.37%	-68.37%
3760102	2011	817,251	0	386,012	(386,012)	-47.2%	-63.1%	-53.0%	-65.4%	-62.1%	-62.06%	-62.06%	-62.06%	-62.06%	-62.06%
3760102	2012	2,018,190	8,637	1,837,714	(1,829,077)	-90.6%	-78.1%	-79.8%	-72.3%	-77.4%	-74.18%	-74.18%	-74.18%	-74.18%	-74.18%
3760102	2013	1,345,445	0	965,510	(965,510)	-71.8%	-83.1%	-76.1%	-77.5%	-72.2%	-76.06%	-73.65%	-73.65%	-73.65%	-73.65%
3760102	2014	1,372,668	0	706,931	(706,931)	-51.5%	-61.5%	-73.9%	-70.0%	-71.6%	-67.91%	-71.22%	-69.58%	-69.58%	-69.58%
3760102	2015	1,191,795	470	1,617,753	(1,617,283)	-135.7%	-90.6%	-84.1%	-86.3%	-81.6%	-82.12%	-78.21%	-80.64%	-78.67%	-78.67%
3760102	2016	698,860	(531)	562,944	(563,475)	-80.6%	-115.3%	-88.5%	-83.6%	-85.7%	-81.52%	-81.99%	-78.41%	-80.64%	-78.82%
3760102	2017	1,021,765	0	724,935	(724,935)	-70.9%	-74.9%	-99.8%	-84.3%	-81.3%	-83.77%	-80.24%	-80.73%	-77.61%	-79.64%
3760102	2018	399,291	0	274,345	(274,345)	-68.7%	-70.3%	-73.7%	-96.0%	-83.0%	-80.47%	-83.02%	-79.72%	-80.22%	-77.25%
3760102	2019	699,371	0	641,469	(641,469)	-91.7%	-83.4%	-77.4%	-78.2%	-95.3%	-84.11%	-81.64%	-83.72%	-80.60%	-81.02%
3760102	2020	(621,106)	0	590,740	(590,740)	95.1%	-1574.4%	-315.5%	-148.8%	-127.1%	-130.16%	-107.49%	-99.62%	-97.38%	-92.80%
3760102	2021	734,853	0	489,402	(489,402)	-66.6%	-949.6%	-211.7%	-164.6%	-121.8%	-111.98%	-118.83%	-102.02%	-96.07%	-94.83%
3760102	2022	1,496,486	0	1,153,462	(1,153,462)	-77.1%	-73.6%	-138.7%	-124.5%	-116.3%	-103.85%	-100.19%	-107.72%	-96.68%	-92.66%
3760102	2023	2,706,184	0	994,316	(994,316)	-36.7%	-51.1%	-53.4%	-74.8%	-77.1%	-76.52%	-75.64%	-76.13%	-84.65%	-79.96%
3760102	2024	1,699,880	0	935,971	(935,971)	-55.1%	-43.8%	-52.2%	-53.8%	-69.2%	-71.55%	-71.39%	-71.34%	-72.07%	-79.64%
376C	1992	171,280	0	48,550	(48,550)	-28.3%									
376C	1993	86,295	0	58,282	(58,282)	-67.5%	-41.5%								
376C	1994	104,730	0	28,436	(28,436)	-27.2%	-45.4%	-37.3%							
376C	1995	120,193	0	29,842	(29,842)	-24.8%	-25.9%	-37.5%	-34.2%						
376C	1996	163,417	0	28,348	(28,348)	-17.3%	-20.5%	-22.3%	-30.5%	-30.0%					
376C	1997	116,108	0	26,858	(26,858)	-23.1%	-19.7%	-21.3%	-22.5%	-29.1%	-28.9%				
376C	1998	40,600	830	14,772	(13,942)	-34.3%	-26.0%	-21.6%	-22.5%	-23.4%	-29.41%	-29.2%			
376C	1999	37,780	5,917	30,475	(24,558)	-65.0%	-49.1%	-33.6%	-26.2%	-25.8%	-26.08%	-31.42%	-30.8%		

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376C	2000	136,663	0	1,962	(1,962)	-1.4%	-15.2%	-18.8%	-20.3%	-19.3%	-20.42%	-21.40%	-26.34%	-26.7%	
376C	2001	132,238	0	698,855	(698,855)	-528.5%	-260.6%	-236.5%	-212.9%	-165.3%	-126.76%	-110.36%	-100.13%	-97.13%	-86.5%
376C	2002	854,804	0	14,591	(14,591)	-1.7%	-72.3%	-63.7%	-63.7%	-62.7%	-59.23%	-54.61%	-52.38%	-50.83%	-51.63%
376C	2003	699,314	0	50,115	(50,115)	-7.2%	-4.2%	-45.3%	-42.0%	-42.5%	-42.29%	-41.18%	-39.40%	-38.64%	-38.14%
376C	2004	3,169,518	0	112,392	(112,392)	-3.5%	-4.2%	-3.7%	-18.0%	-17.6%	-17.94%	-18.07%	-18.19%	-18.16%	-18.31%
376C	2005	749,382	17,912	294,555	(276,643)	-36.9%	-9.9%	-9.5%	-8.3%	-20.6%	-20.11%	-20.40%	-20.50%	-20.55%	-20.46%
376C	2006	210,249	0	244,589	(244,589)	-116.3%	-54.3%	-15.3%	-14.2%	-12.3%	-24.03%	-23.51%	-23.77%	-23.84%	-23.83%
376C	2007	525,828	0	279,508	(279,508)	-53.2%	-71.2%	-53.9%	-19.6%	-18.0%	-15.75%	-26.44%	-25.91%	-26.14%	-26.19%
376C	2008	327,137	0	441,592	(441,592)	-135.0%	-84.5%	-90.8%	-68.5%	-27.2%	-24.73%	-21.72%	-31.77%	-31.16%	-31.34%
376C	2009	602,677	0	223,225	(223,225)	-37.0%	-71.5%	-64.9%	-71.4%	-60.7%	-28.25%	-25.91%	-23.01%	-32.20%	-31.64%
376C	2010	502,639	0	442,771	(442,771)	-88.1%	-60.3%	-77.3%	-70.8%	-75.2%	-65.40%	-33.19%	-30.51%	-27.29%	-35.82%
376C	2011	818,444	0	391,173	(391,173)	-47.8%	-63.1%	-55.0%	-66.6%	-64.0%	-67.72%	-61.54%	-34.93%	-32.37%	-29.27%
376C	2012	2,018,190	8,637	1,837,714	(1,829,077)	-90.6%	-78.3%	-79.7%	-73.2%	-78.0%	-75.23%	-76.96%	-71.74%	-47.52%	-44.59%
376C	2013	1,345,445	0	965,510	(965,510)	-71.8%	-83.1%	-76.2%	-77.5%	-72.8%	-76.47%	-74.47%	-75.86%	-71.75%	-50.70%
376C	2014	1,372,668	0	706,931	(706,931)	-51.5%	-61.5%	-73.9%	-70.1%	-71.6%	-68.45%	-71.56%	-70.28%	-71.53%	-68.47%
376C	2015	1,207,408	470	1,717,341	(1,716,871)	-142.2%	-93.9%	-86.3%	-87.8%	-83.0%	-83.31%	-79.77%	-81.97%	-80.23%	-81.08%
376C	2016	721,244	(531)	574,495	(575,026)	-79.7%	-118.8%	-90.8%	-85.3%	-86.9%	-82.64%	-82.99%	-79.76%	-81.79%	-80.19%
376C	2017	1,040,195	0	731,385	(731,385)	-70.3%	-74.2%	-101.8%	-85.9%	-82.6%	-84.68%	-81.14%	-81.53%	-78.74%	-80.59%
376C	2018	399,291	0	275,090	(275,090)	-68.9%	-69.9%	-73.2%	-97.9%	-84.5%	-81.67%	-83.90%	-80.59%	-80.99%	-78.35%
376C	2019	704,833	0	641,469	(641,469)	-91.0%	-83.0%	-76.9%	-77.6%	-96.7%	-85.33%	-82.64%	-84.47%	-81.35%	-81.69%
376C	2020	(564,233)	0	607,736	(607,736)	107.7%	-888.5%	-282.3%	-142.8%	-123.0%	-129.61%	-107.64%	-99.89%	-97.62%	-93.12%
376C	2021	734,853	0	489,402	(489,402)	-66.6%	-643.0%	-198.6%	-158.0%	-118.6%	-109.35%	-118.70%	-102.27%	-96.38%	-95.08%
376C	2022	1,500,942	0	1,153,865	(1,153,865)	-76.9%	-73.5%	-134.7%	-121.7%	-114.1%	-102.18%	-98.61%	-107.77%	-96.92%	-92.92%
376C	2023	2,706,184	0	994,277	(994,277)	-36.7%	-51.1%	-53.4%	-74.1%	-76.5%	-75.92%	-75.03%	-75.49%	-85.02%	-80.34%
376C	2024	1,704,780	0	936,012	(936,012)	-54.9%	-43.8%	-52.2%	-53.8%	-68.7%	-71.06%	-70.94%	-70.86%	-71.57%	-79.97%
37603	2020	1,457,064	0	0	0	0.0%									
37603	2021	116,821	0	0	0	0.0%	0.0%								
37603	2022	337,031	0	0	0	0.0%	0.0%	0.0%							
37603	2023	694,310	0	0	0	0.0%	0.0%	0.0%							
37603	2024	786,427	0	0	0	0.0%	0.0%	0.0%	0.0%						
37604	2020	5,558,773	0	0	0	0.0%									
37604	2021	232,845	0	0	0	0.0%	0.0%								
37604	2022	657,605	0	0	0	0.0%	0.0%	0.0%							
37604	2023	1,002,747	0	0	0	0.0%	0.0%	0.0%							
37604	2024	44,827	0	0	0	0.0%	0.0%	0.0%	0.0%						
37800	1992	40,730	0	0	0	0.0%									
37800	1993	20,897	0	0	0	0.0%	0.0%								
37800	1994	20,935	0	0	0	0.0%	0.0%	0.0%							
37800	1995	3,259	0	0	0	0.0%	0.0%	0.0%	0.0%						

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37800	1996	20,759	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
37800	1997	11,964	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
37800	1998	2,299	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
37800	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
37800	2000	3,137	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
37800	2001	8,486	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
37800	2002	75,966	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
37800	2003	56,121	0	192	(192)	-0.3%	-0.1%	-0.1%	-0.1%	-0.1%	-0.13%	-0.12%	-0.11%	-0.11%	-0.09%
37800	2004	480,187	0	11,927	(11,927)	-2.5%	-2.3%	-2.0%	-2.0%	-1.9%	-1.94%	-1.94%	-1.90%	-1.84%	-1.83%
37800	2005	413,841	7,954	2,384	5,570	1.3%	-0.7%	-0.7%	-0.6%	-0.6%	-0.63%	-0.63%	-0.63%	-0.62%	-0.61%
37800	2006	0	0	6,055	(6,055)	NA	-0.1%	-1.4%	-1.3%	-1.2%	-1.22%	-1.21%	-1.21%	-1.21%	-1.20%
37800	2007	0	0	7,472	(7,472)	NA	NA	-1.9%	-2.2%	-2.1%	-1.96%	-1.94%	-1.93%	-1.93%	-1.93%
37800	2008	235	0	3,813	(3,813)	-1621.0%	-4797.5%	-7371.4%	-2.8%	-2.6%	-2.51%	-2.33%	-2.31%	-2.30%	-2.30%
37800	2009	0	0	5,009	(5,009)	NA	-3750.5%	-6926.9%	-9500.8%	-4.1%	-3.21%	-3.04%	-2.82%	-2.79%	-2.78%
37800	2010	2,375	0	12,905	(12,905)	-543.4%	-754.4%	-832.5%	-1118.8%	-1350.8%	-7.13%	-4.64%	-4.39%	-4.06%	-4.03%
37800	2011	25,853	0	17,501	(17,501)	-67.7%	-107.7%	-125.5%	-137.8%	-164.1%	-185.34%	-10.67%	-6.41%	-6.06%	-5.62%
37800	2012	6,980	0	12,731	(12,731)	-182.4%	-92.1%	-122.5%	-136.7%	-146.6%	-167.68%	-184.76%	-13.34%	-7.73%	-7.31%
37800	2013	5,476	0	5,337	(5,337)	-97.5%	-145.1%	-92.8%	-119.1%	-131.5%	-140.02%	-158.28%	-173.08%	-14.35%	-8.25%
37800	2014	8,235	0	9,136	(9,136)	-110.9%	-105.6%	-131.5%	-96.0%	-117.8%	-128.00%	-135.15%	-150.35%	-162.67%	-16.07%
37800	2015	0	0	51,398	(51,398)	NA	-735.1%	-480.4%	-379.9%	-206.5%	-222.83%	-233.07%	-239.72%	-254.92%	-267.23%
37800	2016	0	0	1,542	(1,542)	NA	NA	-753.8%	-491.7%	-387.3%	-209.79%	-225.99%	-236.23%	-242.85%	-258.05%
37800	2017	2,124	0	8,093	(8,093)	-381.0%	-453.6%	-2873.2%	-677.4%	-476.8%	-386.74%	-217.26%	-232.44%	-242.25%	-248.57%
37800	2018	0	0	113	(113)	NA	-386.3%	-458.9%	-2878.5%	-678.4%	-477.53%	-387.24%	-217.49%	-232.66%	-242.47%
37800	2019	0	0	7	(7)	NA	NA	-386.6%	-459.2%	-2878.9%	-678.51%	-477.57%	-387.27%	-217.51%	-232.67%
37800	2020	200	0	420	(420)	-210.1%	-213.6%	-270.0%	-371.4%	-437.8%	-2649.21%	-669.64%	-474.23%	-385.73%	-217.48%
37800	2021	7,888	0	4,834	(4,834)	-61.3%	-65.0%	-65.0%	-66.4%	-131.9%	-146.97%	-650.27%	-409.51%	-338.08%	-302.91%
37800	2022	43,480	0	22,572	(22,572)	-51.9%	-53.4%	-54.0%	-54.0%	-54.2%	-67.12%	-69.99%	-165.72%	-158.43%	-153.48%
37800	2023	40,984	0	23,438	(23,438)	-57.2%	-54.5%	-55.1%	-55.4%	-55.4%	-55.52%	-62.82%	-64.45%	-118.74%	-118.11%
37800	2024	63,498	0	47,753	(47,753)	-75.2%	-68.1%	-63.4%	-63.3%	-63.5%	-63.46%	-63.53%	-67.79%	-68.77%	-101.26%
369 & 379C	1992	55,370	0	0	0	0.0%									
369 & 379C	1993	8,201	0	0	0	0.0%	0.0%								
369 & 379C	1994	17,200	0	0	0	0.0%	0.0%	0.0%							
369 & 379C	1995	5,725	0	0	0	0.0%	0.0%	0.0%	0.0%						
369 & 379C	1996	3,751	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
369 & 379C	1997	1,773	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
369 & 379C	1998	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
369 & 379C	1999	1,076	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
369 & 379C	2000	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
369 & 379C	2001	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
369 & 379C	2002	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
369 & 379C	2003	16,073	0	15,959	(15,959)	-99.3%	-99.3%	-99.3%	-99.3%	-93.1%	-93.06%	-84.34%	-70.39%	-56.20%	-35.00%
369 & 379C	2004	47,294	0	210	(210)	-0.4%	-25.5%	-25.5%	-25.5%	-25.5%	-25.09%	-25.09%	-24.42%	-23.11%	-21.36%
369 & 379C	2005	99,762	4,942	10,106	(5,163)	-5.2%	-3.7%	-13.1%	-13.1%	-13.1%	-13.08%	-12.99%	-12.99%	-12.85%	-12.57%

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Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
369 & 379C	2006	0	0	0	0	NA	-5.2%	-3.7%	-13.1%	-13.1%	-13.08%	-13.08%	-12.99%	-12.99%	-12.85%
369 & 379C	2007	3,372	0	878	(878)	-26.0%	-26.0%	-5.9%	-4.2%	-13.3%	-13.34%	-13.34%	-13.34%	-13.25%	-13.25%
369 & 379C	2008	1,169	0	214	(214)	-18.3%	-24.0%	-24.0%	-6.0%	-4.3%	-13.37%	-13.37%	-13.37%	-13.37%	-13.29%
369 & 379C	2009	214	0	0	0	0.0%	-15.5%	-23.0%	-23.0%	-6.0%	-4.26%	-13.36%	-13.36%	-13.36%	-13.36%
369 & 379C	2010	0	0	0	0	NA	0.0%	-15.5%	-23.0%	-23.0%	-5.99%	-4.26%	-13.36%	-13.36%	-13.36%
369 & 379C	2011	0	0	0	0	NA	NA	0.0%	-15.5%	-23.0%	-22.97%	-5.99%	-4.26%	-13.36%	-13.36%
369 & 379C	2012	0	0	0	0	NA	NA	NA	0.0%	-15.5%	-22.97%	-22.97%	-5.99%	-4.26%	-13.36%
369 & 379C	2013	0	0	278	(278)	NA	NA	NA	NA	-130.0%	-35.59%	-28.81%	-28.81%	-6.25%	-4.44%
369 & 379C	2014	0	0	0	0	NA	NA	NA	NA	NA	-130.03%	-35.59%	-28.81%	-28.81%	-6.25%
369 & 379C	2015	0	0	932	(932)	NA	NA	NA	NA	NA	NA	-565.98%	-102.99%	-48.42%	-48.42%
369 & 379C	2016	1,597	0	1,878	(1,878)	-117.6%	-176.0%	-176.0%	-193.4%	-193.4%	-193.36%	-193.36%	-170.53%	-110.82%	-65.81%
369 & 379C	2017	0	0	0	0	NA	-117.6%	-176.0%	-176.0%	-193.4%	-193.36%	-193.36%	-193.36%	-170.53%	-110.82%
369 & 379C	2018	1,175	0	941	(941)	-80.1%	-80.1%	-101.7%	-135.3%	-135.3%	-145.33%	-145.33%	-145.33%	-145.33%	-134.92%
369 & 379C	2019	5,894	0	1,013	(1,013)	-17.2%	-27.6%	-27.6%	-44.2%	-55.0%	-54.96%	-58.17%	-58.17%	-58.17%	-58.17%
369 & 379C	2020	5,434	0	6,234	(6,234)	-114.7%	-64.0%	-65.5%	-65.5%	-71.4%	-77.99%	-77.99%	-79.96%	-79.96%	-79.96%
369 & 379C	2021	58,730	0	19,774	(19,774)	-33.7%	-40.5%	-38.6%	-39.3%	-39.3%	-40.97%	-42.25%	-42.25%	-42.63%	-42.63%
369 & 379C	2022	19,193	0	9,719	(9,719)	-50.6%	-37.8%	-42.9%	-41.2%	-41.7%	-41.67%	-42.99%	-44.00%	-44.00%	-44.30%
369 & 379C	2023	0	0	(3)	3	NA	-50.6%	-37.8%	-42.9%	-41.2%	-41.67%	-41.67%	-42.98%	-44.00%	-44.00%
369 & 379C	2024	4,223	0	1,129	(1,129)	-26.7%	-26.7%	-46.3%	-37.3%	-42.1%	-40.51%	-41.00%	-41.00%	-42.27%	-43.24%
37900	1992	55,370	0	0	0	0.0%									
37900	1993	5,751	0	0	0	0.0%	0.0%								
37900	1994	17,200	0	0	0	0.0%	0.0%	0.0%							
37900	1995	5,725	0	0	0	0.0%	0.0%	0.0%	0.0%						
37900	1996	3,751	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
37900	1997	1,773	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
37900	1998	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
37900	1999	1,076	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
37900	2000	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
37900	2001	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
37900	2002	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
37900	2003	1,085	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
37900	2004	1,611	0	210	(210)	-13.0%	-7.8%	-7.8%	-7.8%	-7.8%	-5.57%	-5.57%	-3.79%	-2.26%	-1.40%
37900	2005	69,520	0	32	(32)	0.0%	-0.3%	-0.3%	-0.3%	-0.3%	-0.34%	-0.33%	-0.33%	-0.32%	-0.31%
37900	2006	0	0	0	0	NA	0.0%	-0.3%	-0.3%	-0.3%	-0.34%	-0.34%	-0.33%	-0.33%	-0.32%
37900	2007	3,372	0	878	(878)	-26.0%	-26.0%	-1.2%	-1.5%	-1.5%	-1.48%	-1.48%	-1.48%	-1.46%	-1.46%
37900	2008	1,169	0	214	(214)	-18.3%	-24.0%	-24.0%	-1.5%	-1.8%	-1.74%	-1.74%	-1.74%	-1.74%	-1.71%
37900	2009	214	0	0	0	0.0%	-15.5%	-23.0%	-23.0%	-1.5%	-1.76%	-1.73%	-1.73%	-1.73%	-1.73%
37900	2010	0	0	0	0	NA	0.0%	-15.5%	-23.0%	-23.0%	-1.51%	-1.76%	-1.73%	-1.73%	-1.73%
37900	2011	0	0	0	0	NA	NA	0.0%	-15.5%	-23.0%	-22.97%	-1.51%	-1.76%	-1.73%	-1.73%
37900	2012	0	0	0	0	NA	NA	NA	0.0%	-15.5%	-22.97%	-22.97%	-1.51%	-1.76%	-1.73%
37900	2013	0	0	0	0	NA	NA	NA	NA	0.0%	-15.48%	-22.97%	-22.97%	-1.51%	-1.76%
37900	2014	0	0	0	0	NA	NA	NA	NA	NA	0.00%	-15.48%	-22.97%	-22.97%	-1.51%
37900	2015	0	0	932	(932)	NA	NA	NA	NA	NA	NA	-435.94%	-82.89%	-42.57%	-42.57%

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37900	2016	274	0	1,878	(1,878)	-686.7%	-1027.4%	-1027.4%	-1027.4%	-1027.4%	-1027.42%	-1027.42%	-576.66%	-182.60%	-77.60%
37900	2017	0	0	0	0	NA	-686.7%	-1027.4%	-1027.4%	-1027.4%	-1027.42%	-1027.42%	-1027.42%	-576.66%	-182.60%
37900	2018	1,175	0	941	(941)	-80.1%	-80.1%	-194.6%	-258.9%	-258.9%	-258.90%	-258.90%	-258.90%	-258.90%	-225.61%
37900	2019	5,894	0	1,013	(1,013)	-17.2%	-27.6%	-27.6%	-52.2%	-64.9%	-64.87%	-64.87%	-64.87%	-64.87%	-64.87%
37900	2020	5,434	0	6,234	(6,234)	-114.7%	-64.0%	-65.5%	-65.5%	-78.8%	-86.07%	-86.07%	-86.07%	-86.07%	-86.07%
37900	2021	58,730	0	19,774	(19,774)	-33.7%	-40.5%	-38.6%	-39.3%	-39.3%	-41.73%	-43.03%	-43.03%	-43.03%	-43.03%
37900	2022	19,013	0	9,649	(9,649)	-50.7%	-37.8%	-42.9%	-41.2%	-41.7%	-41.68%	-43.62%	-44.65%	-44.65%	-44.65%
37900	2023	0	0	(3)	3	NA	-50.7%	-37.8%	-42.9%	-41.2%	-41.67%	-41.67%	-43.62%	-44.65%	-44.65%
37900	2024	4,223	0	1,129	(1,129)	-26.7%	-26.7%	-46.4%	-37.3%	-42.1%	-40.51%	-41.00%	-41.00%	-42.87%	-43.85%
38000	1992	66,030	0	944	(944)	-1.4%									
38000	1993	4,222	0	143	(143)	-3.4%	-1.5%								
38000	1994	25,694	0	349	(349)	-1.4%	-1.6%	-1.5%							
38000	1995	35,856	0	445	(445)	-1.2%	-1.3%	-1.4%	-1.4%						
38000	1996	58,997	0	512	(512)	-0.9%	-1.0%	-1.1%	-1.2%	-1.3%					
38000	1997	73,533	0	850	(850)	-1.2%	-1.0%	-1.1%	-1.1%	-1.2%	-1.2%				
38000	1998	67,061	964	2,253	(1,289)	-1.9%	-1.5%	-1.3%	-1.3%	-1.3%	-1.35%	-1.4%			
38000	1999	0	18,919	1,507	17,412	NA	24.0%	10.9%	7.4%	6.1%	5.35%	5.21%	3.9%		
38000	2000	167,766	0	0	0	0.0%	10.4%	6.9%	5.0%	4.0%	3.55%	3.26%	3.19%	2.6%	
38000	2001	141,681	0	5,518	(5,518)	-3.9%	-1.8%	3.8%	2.8%	2.2%	1.82%	1.61%	1.48%	1.44%	1.1%
38000	2002	385,690	0	4,066	(4,066)	-1.1%	-1.8%	-1.4%	1.1%	0.9%	0.68%	0.58%	0.51%	0.46%	0.44%
38000	2003	120,376	0	3,801	(3,801)	-3.2%	-1.6%	-2.1%	-1.6%	0.5%	0.31%	0.20%	0.14%	0.09%	0.05%
38000	2004	117,956	0	9,313	(9,313)	-7.9%	-5.5%	-2.8%	-3.0%	-2.4%	-0.57%	-0.66%	-0.69%	-0.70%	-0.72%
38000	2005	418,168	0	138,983	(138,983)	-33.2%	-27.7%	-23.2%	-15.0%	-13.7%	-11.96%	-10.67%	-10.26%	-9.81%	-9.47%
38000	2006	379,923	0	182,355	(182,355)	-48.0%	-40.3%	-36.1%	-32.3%	-23.8%	-22.00%	-19.87%	-18.86%	-18.23%	-17.56%
38000	2007	577,566	0	166,965	(166,965)	-28.9%	-36.5%	-35.5%	-33.3%	-31.1%	-25.28%	-23.86%	-22.13%	-21.38%	-20.83%
38000	2008	456,757	0	170,559	(170,559)	-37.3%	-32.6%	-36.8%	-36.0%	-34.3%	-32.45%	-27.52%	-26.23%	-24.64%	-24.01%
38000	2009	500,056	0	135,254	(135,254)	-27.0%	-32.0%	-30.8%	-34.2%	-34.0%	-32.79%	-31.40%	-27.44%	-26.36%	-25.01%
38000	2010	167,975	0	129,565	(129,565)	-77.1%	-39.6%	-38.7%	-35.4%	-37.7%	-36.94%	-35.63%	-34.20%	-30.11%	-28.98%
38000	2011	937,637	0	142,822	(142,822)	-15.2%	-24.6%	-25.4%	-28.0%	-28.2%	-30.71%	-31.02%	-30.25%	-29.37%	-26.68%
38000	2012	675,183	0	168,248	(168,248)	-24.9%	-19.3%	-24.7%	-25.2%	-27.3%	-27.55%	-29.65%	-30.02%	-29.40%	-28.68%
38000	2013	592,532	0	171,869	(171,869)	-29.0%	-26.8%	-21.9%	-25.8%	-26.0%	-27.58%	-27.77%	-29.56%	-29.89%	-29.35%
38000	2014	568,176	0	218,377	(218,377)	-38.4%	-33.6%	-30.4%	-25.3%	-28.2%	-28.07%	-29.16%	-29.13%	-30.60%	-30.81%
38000	2015	560,432	182	361,428	(361,246)	-64.5%	-51.4%	-43.7%	-38.4%	-31.9%	-34.04%	-33.17%	-33.60%	-33.06%	-34.11%
38000	2016	1,087,845	0	520,799	(520,799)	-47.9%	-53.5%	-49.6%	-45.3%	-41.3%	-35.81%	-37.32%	-36.31%	-36.40%	-35.69%
38000	2017	486,039	0	256,821	(256,821)	-52.8%	-49.4%	-53.4%	-50.2%	-46.4%	-42.75%	-37.49%	-38.81%	-37.75%	-37.72%
38000	2018	822,194	0	146,309	(146,309)	-17.8%	-30.8%	-38.6%	-43.5%	-42.7%	-40.69%	-38.47%	-34.67%	-35.88%	-35.19%
38000	2019	516,084	0	216,819	(216,819)	-42.0%	-27.1%	-34.0%	-39.2%	-43.3%	-42.58%	-40.84%	-38.81%	-35.27%	-36.37%
38000	2020	679,438	0	330,316	(330,316)	-48.6%	-45.8%	-34.4%	-38.0%	-41.0%	-44.13%	-43.44%	-41.83%	-39.93%	-36.58%
38000	2021	291,655	0	343,113	(343,113)	-117.6%	-69.3%	-59.9%	-44.9%	-46.3%	-46.72%	-48.96%	-47.76%	-45.78%	-43.54%
38000	2022	595,900	0	452,805	(452,805)	-76.0%	-89.7%	-71.9%	-64.5%	-51.3%	-51.49%	-50.61%	-52.15%	-50.76%	-48.68%
38000	2023	1,752,208	0	637,709	(637,709)	-36.4%	-46.4%	-54.3%	-53.1%	-51.6%	-45.67%	-46.35%	-46.61%	-48.09%	-47.34%
38000	2024	1,290,692	0	438,154	(438,154)	-33.9%	-35.4%	-42.0%	-47.6%	-47.8%	-47.19%	-43.13%	-43.86%	-44.44%	-45.83%

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38100	1992	203,647	0	0	0	0.0%									
38100	1993	205,065	0	0	0	0.0%	0.0%								
38100	1994	145,665	0	0	0	0.0%	0.0%	0.0%							
38100	1995	128,322	0	0	0	0.0%	0.0%	0.0%	0.0%						
38100	1996	160,599	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
38100	1997	111,912	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
38100	1998	42,691	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
38100	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
38100	2000	663	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
38100	2001	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
38100	2002	704	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38100	2003	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38100	2004	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38100	2005	643,987	0	19,960	(19,960)	-3.1%	-3.1%	-3.1%	-3.1%	-3.1%	-3.09%	-3.09%	-2.90%	-2.50%	-2.08%
38100	2006	0	0	29,123	(29,123)	NA	-7.6%	-7.6%	-7.6%	-7.6%	-7.61%	-7.61%	-7.61%	-7.13%	-6.14%
38100	2007	0	0	64	(64)	NA	NA	-7.6%	-7.6%	-7.6%	-7.62%	-7.62%	-7.62%	-7.62%	-7.14%
38100	2008	0	0	25,170	(25,170)	NA	NA	NA	-11.5%	-11.5%	-11.54%	-11.53%	-11.53%	-11.52%	-11.52%
38100	2009	0	0	57,391	(57,391)	NA	NA	NA	NA	-20.5%	-20.45%	-20.45%	-20.43%	-20.43%	-20.41%
38100	2010	272	0	14,833	(14,833)	-5450.1%	-26537.3%	-35785.6%	-35809.1%	-46509.8%	-22.75%	-22.75%	-22.75%	-22.72%	-22.72%
38100	2011	0	0	36,324	(36,324)	NA	-18796.7%	-39883.9%	-49132.1%	-49155.7%	-59856.36%	-28.38%	-28.38%	-28.38%	-28.35%
38100	2012	0	0	40,408	(40,408)	NA	NA	-33643.8%	-54731.1%	-63979.3%	-64002.82%	-74703.51%	-34.66%	-34.66%	-34.66%
38100	2013	30,896	0	62,159	(62,159)	-201.2%	-332.0%	-449.5%	-493.2%	-677.3%	-758.10%	-758.30%	-851.74%	-42.28%	-42.28%
38100	2014	158,541	0	202,808	(202,808)	-127.9%	-139.9%	-161.2%	-180.4%	-187.9%	-218.19%	-231.46%	-231.49%	-246.84%	-58.56%
38100	2015	148,551	0	78,102	(78,102)	-52.6%	-91.5%	-101.5%	-113.5%	-124.2%	-128.49%	-145.46%	-152.90%	-152.92%	-161.53%
38100	2016	132,596	0	59,283	(59,283)	-44.7%	-48.9%	-77.4%	-85.5%	-94.1%	-101.81%	-104.90%	-117.09%	-122.43%	-122.45%
38100	2017	203,389	0	19,783	(19,783)	-9.7%	-23.5%	-32.4%	-56.0%	-62.6%	-68.63%	-74.02%	-76.19%	-84.70%	-88.43%
38100	2018	386,684	4,545	15,832	(11,287)	-2.9%	-5.3%	-12.5%	-19.3%	-36.1%	-40.86%	-44.67%	-48.10%	-49.48%	-54.89%
38100	2019	820,720	(191)	27,474	(27,665)	-3.4%	-3.2%	-4.2%	-7.6%	-11.6%	-21.56%	-24.51%	-26.66%	-28.59%	-29.37%
38100	2020	270,814	0	15,203	(15,203)	-5.6%	-3.9%	-3.7%	-4.4%	-7.3%	-10.77%	-19.52%	-22.13%	-24.01%	-25.70%
38100	2021	278,734	0	4,042	(4,042)	-1.5%	-3.5%	-3.4%	-3.3%	-4.0%	-6.56%	-9.61%	-17.42%	-19.76%	-21.42%
38100	2022	780,840	0	25,447	(25,447)	-3.3%	-2.8%	-3.4%	-3.4%	-3.3%	-3.77%	-5.66%	-7.97%	-13.95%	-15.75%
38100	2023	1,873,743	0	13,574	(13,574)	-0.7%	-1.5%	-1.5%	-1.8%	-2.1%	-2.20%	-2.54%	-3.71%	-5.20%	-9.05%
38100	2024	536,507	0	12,342	(12,342)	-2.3%	-1.1%	-1.6%	-1.6%	-1.9%	-2.15%	-2.21%	-2.51%	-3.57%	-4.91%
38200	1992	5,364	0	0	0	0.0%									
38200	1993	124,775	0	0	0	0.0%	0.0%								
38200	1994	81,657	0	0	0	0.0%	0.0%	0.0%							
38200	1995	64,023	0	0	0	0.0%	0.0%	0.0%	0.0%						
38200	1996	83,609	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
38200	1997	78,087	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
38200	1998	14,530	0	1	(1)	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
38200	1999	3,519	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
38200	2000	307,960	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
38200	2001	108,580	0	179,251	(179,251)	-165.1%	-43.0%	-42.7%	-41.2%	-35.0%	-30.06%	-27.15%	-24.16%	-20.68%	-20.6%

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38200	2002	1,241,357	0	192,152	(192,152)	-15.5%	-27.5%	-22.4%	-22.4%	-22.2%	-21.17%	-20.21%	-19.53%	-18.73%	-17.62%
38200	2003	797,106	0	244,412	(244,412)	-30.7%	-21.4%	-28.7%	-25.1%	-25.0%	-24.90%	-24.14%	-23.37%	-22.82%	-22.15%
38200	2004	483,071	465	197,917	(197,452)	-40.9%	-34.5%	-25.1%	-30.9%	-27.7%	-27.65%	-27.51%	-26.80%	-26.08%	-25.56%
38200	2005	1,038,164	0	150,727	(150,727)	-14.5%	-22.9%	-25.6%	-22.0%	-26.3%	-24.24%	-24.22%	-24.13%	-23.67%	-23.20%
38200	2006	774,163	0	271,345	(271,345)	-35.1%	-23.3%	-27.0%	-27.9%	-24.4%	-27.81%	-26.00%	-25.99%	-25.91%	-25.49%
38200	2007	890,414	0	197,603	(197,603)	-22.2%	-28.2%	-22.9%	-25.6%	-26.7%	-24.00%	-26.87%	-25.40%	-25.39%	-25.32%
38200	2008	959,860	0	481,776	(481,776)	-50.2%	-36.7%	-36.2%	-30.1%	-31.3%	-31.22%	-28.06%	-30.43%	-29.01%	-28.99%
38200	2009	681,319	319	209,113	(208,794)	-30.6%	-42.1%	-35.1%	-35.1%	-30.2%	-31.23%	-31.15%	-28.32%	-30.45%	-29.16%
38200	2010	152,574	0	229,559	(229,559)	-150.5%	-52.6%	-51.3%	-41.6%	-40.2%	-34.24%	-34.89%	-34.30%	-30.97%	-33.02%
38200	2011	1,155,294	0	3,337	(3,337)	-0.3%	-17.8%	-22.2%	-31.3%	-29.2%	-30.18%	-27.30%	-28.37%	-28.64%	-26.64%
38200	2012	523,157	0	615,131	(615,131)	-117.6%	-36.8%	-46.3%	-42.1%	-44.3%	-39.80%	-39.08%	-34.95%	-35.38%	-34.88%
38200	2013	1,482,300	0	427,704	(427,704)	-28.9%	-52.0%	-33.1%	-38.5%	-37.2%	-39.69%	-37.02%	-36.79%	-33.77%	-34.19%
38200	2014	1,026,229	0	252,041	(252,041)	-24.6%	-27.1%	-42.7%	-31.0%	-35.2%	-34.59%	-37.09%	-35.16%	-35.15%	-32.68%
38200	2015	1,530,954	190	988,568	(988,378)	-64.6%	-48.5%	-41.3%	-50.0%	-40.0%	-42.86%	-41.59%	-42.69%	-40.52%	-40.06%
38200	2016	1,282,524	0	445,317	(445,317)	-34.7%	-51.0%	-43.9%	-39.7%	-46.7%	-39.02%	-41.40%	-40.47%	-41.53%	-39.75%
38200	2017	971,596	0	80,699	(80,699)	-8.3%	-23.3%	-40.0%	-36.7%	-34.9%	-41.21%	-35.28%	-37.44%	-36.92%	-38.22%
38200	2018	1,928,652	3,200	86,173	(82,973)	-4.3%	-5.6%	-14.6%	-28.0%	-27.4%	-27.69%	-33.07%	-29.25%	-31.09%	-31.06%
38200	2019	3,759,226	(109)	95,244	(95,353)	-2.5%	-3.1%	-3.9%	-8.9%	-17.9%	-18.52%	-19.80%	-23.89%	-21.90%	-23.32%
38200	2020	1,589,836	0	51,347	(51,347)	-3.2%	-2.7%	-3.2%	-3.8%	-7.9%	-15.77%	-16.51%	-17.86%	-21.56%	-19.95%
38200	2021	1,036,774	0	16,808	(16,808)	-1.6%	-2.6%	-2.6%	-3.0%	-3.5%	-7.31%	-14.55%	-15.34%	-16.71%	-20.19%
38200	2022	898,760	0	70,736	(70,736)	-7.9%	-4.5%	-3.9%	-3.2%	-3.4%	-3.91%	-7.35%	-14.09%	-14.86%	-16.20%
38200	2023	776,447	0	53,699	(53,699)	-6.9%	-7.4%	-5.2%	-4.5%	-3.6%	-3.71%	-4.12%	-7.33%	-13.69%	-14.44%
38200	2024	655,728	0	39,767	(39,767)	-6.1%	-6.5%	-7.0%	-5.4%	-4.7%	-3.76%	-3.86%	-4.23%	-7.26%	-13.34%
38300	1992	26,918	0	0	0	0.0%									
38300	1993	7,645	0	0	0	0.0%	0.0%								
38300	1994	13,895	0	0	0	0.0%	0.0%	0.0%							
38300	1995	147,566	0	0	0	0.0%	0.0%	0.0%	0.0%						
38300	1996	55,012	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
38300	1997	12,387	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
38300	1998	10,210	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
38300	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
38300	2000	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
38300	2001	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
38300	2002	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38300	2003	3,323	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38300	2004	0	0	975	(975)	NA	-29.3%	-29.3%	-29.3%	-29.3%	-29.35%	-7.21%	-3.76%	-1.20%	-0.43%
38300	2005	9,267	0	0	0	0.0%	-10.5%	-7.7%	-7.7%	-7.7%	-7.75%	-7.75%	-4.28%	-2.77%	-1.08%
38300	2006	0	0	0	0	NA	0.0%	-10.5%	-7.7%	-7.7%	-7.75%	-7.75%	-7.75%	-4.28%	-2.77%
38300	2007	0	0	1,208	(1,208)	NA	NA	-13.0%	-23.6%	-17.3%	-17.34%	-17.34%	-17.34%	-17.34%	-9.57%
38300	2008	0	0	(9)	9	NA	NA	NA	-12.9%	-23.5%	-17.27%	-17.27%	-17.27%	-17.27%	-17.27%
38300	2009	0	0	1,328	(1,328)	NA	NA	NA	NA	-27.3%	-37.79%	-27.82%	-27.82%	-27.82%	-27.82%
38300	2010	0	0	890	(890)	NA	NA	NA	NA	NA	-36.87%	-47.39%	-34.89%	-34.89%	-34.89%
38300	2011	0	0	1,751	(1,751)	NA	NA	NA	NA	NA	NA	-55.77%	-66.29%	-48.80%	-48.80%

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38300	2012	8,304	0	8,407	(8,407)	-101.2%	-122.3%	-133.0%	-149.0%	-148.9%	-163.48%	-163.48%	-77.26%	-82.81%	-69.64%
38300	2013	187	0	21,807	(21,807)	-11668.4%	-355.8%	-376.5%	-387.0%	-402.6%	-402.49%	-416.71%	-416.71%	-199.25%	-204.74%
38300	2014	364,962	0	17,499	(17,499)	-4.8%	-10.8%	-12.8%	-13.2%	-13.5%	-13.84%	-13.84%	-14.16%	-14.16%	-13.82%
38300	2015	830,444	5	30,721	(30,716)	-3.7%	-4.0%	-5.9%	-6.5%	-6.7%	-6.73%	-6.84%	-6.84%	-6.94%	-6.94%
38300	2016	343,974	0	14,306	(14,306)	-4.2%	-3.8%	-4.1%	-5.5%	-6.0%	-6.10%	-6.16%	-6.25%	-6.25%	-6.33%
38300	2017	753,702	0	13,756	(13,756)	-1.8%	-2.6%	-3.0%	-3.3%	-4.3%	-4.63%	-4.70%	-4.74%	-4.80%	-4.80%
38300	2018	949,534	911	13,080	(12,168)	-1.3%	-1.5%	-2.0%	-2.5%	-2.7%	-3.40%	-3.65%	-3.70%	-3.73%	-3.77%
38300	2019	62,397	0	10,405	(10,405)	-16.7%	-2.2%	-2.1%	-2.4%	-2.8%	-2.99%	-3.65%	-3.90%	-3.95%	-3.97%
38300	2020	216,607	0	14,765	(14,765)	-6.8%	-9.0%	-3.0%	-2.6%	-2.8%	-3.04%	-3.23%	-3.85%	-4.07%	-4.12%
38300	2021	8,991	0	647	(647)	-7.2%	-6.8%	-9.0%	-3.1%	-2.6%	-2.83%	-3.06%	-3.24%	-3.85%	-4.08%
38300	2022	11,687	0	657	(657)	-5.6%	-6.3%	-6.8%	-8.8%	-3.1%	-2.62%	-2.84%	-3.07%	-3.24%	-3.86%
38300	2023	12,571	0	559	(559)	-4.4%	-5.0%	-5.6%	-6.7%	-8.7%	-3.11%	-2.63%	-2.85%	-3.07%	-3.25%
38300	2024	9,360	0	690	(690)	-7.4%	-5.7%	-5.7%	-6.0%	-6.7%	-8.62%	-3.14%	-2.65%	-2.87%	-3.08%
38400	1992	0	0	0	0	NA									
38400	1993	0	0	0	0	NA	NA								
38400	1994	0	0	0	0	NA	NA	NA							
38400	1995	0	0	0	0	NA	NA	NA	NA						
38400	1996	0	0	0	0	NA	NA	NA	NA	NA					
38400	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
38400	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
38400	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
38400	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
38400	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2003	10,051	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2004	106	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2005	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2006	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2007	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2008	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2009	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
38400	2010	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
38400	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
38400	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
38400	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
38400	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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38400	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38400	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
382-384	1992	32,282	0	0	0	0.0%									
382-384	1993	132,420	0	0	0	0.0%	0.0%								
382-384	1994	95,552	0	0	0	0.0%	0.0%	0.0%							
382-384	1995	211,589	0	0	0	0.0%	0.0%	0.0%	0.0%						
382-384	1996	138,621	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
382-384	1997	90,474	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
382-384	1998	24,740	0	15	(15)	-0.1%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
382-384	1999	3,519	0	0	0	0.0%	-0.1%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
382-384	2000	307,960	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
382-384	2001	108,580	0	179,251	(179,251)	-165.1%	-43.0%	-42.7%	-40.3%	-33.5%	-26.60%	-20.24%	-18.27%	-16.10%	-15.6%
382-384	2002	1,241,357	0	192,152	(192,152)	-15.5%	-27.5%	-22.4%	-22.4%	-22.0%	-20.91%	-19.39%	-17.46%	-16.71%	-15.77%
382-384	2003	810,480	0	244,412	(244,412)	-30.2%	-21.3%	-28.5%	-24.9%	-24.9%	-24.67%	-23.80%	-22.59%	-20.97%	-20.31%
382-384	2004	483,177	465	198,892	(198,427)	-41.1%	-34.2%	-25.0%	-30.8%	-27.6%	-27.55%	-27.33%	-26.52%	-25.37%	-23.81%
382-384	2005	1,047,431	0	150,727	(150,727)	-14.4%	-22.8%	-25.4%	-21.9%	-26.1%	-24.13%	-24.11%	-23.96%	-23.43%	-22.67%
382-384	2006	774,163	0	271,345	(271,345)	-35.1%	-23.2%	-26.9%	-27.8%	-24.3%	-27.69%	-25.90%	-25.88%	-25.75%	-25.27%
382-384	2007	890,414	0	198,811	(198,811)	-22.3%	-28.2%	-22.9%	-25.6%	-26.6%	-23.93%	-26.80%	-25.34%	-25.32%	-25.21%
382-384	2008	959,860	0	481,767	(481,767)	-50.2%	-36.8%	-36.3%	-30.0%	-31.3%	-31.12%	-28.00%	-30.35%	-28.94%	-28.93%
382-384	2009	681,319	319	210,441	(210,122)	-30.8%	-42.2%	-35.2%	-35.2%	-30.2%	-31.25%	-31.09%	-28.28%	-30.40%	-29.12%
382-384	2010	152,574	0	230,449	(230,449)	-151.0%	-52.8%	-51.4%	-41.8%	-40.3%	-34.25%	-34.91%	-34.25%	-30.94%	-32.97%
382-384	2011	1,155,294	0	5,088	(5,088)	-0.4%	-18.0%	-22.4%	-31.4%	-29.3%	-30.29%	-27.35%	-28.43%	-28.63%	-26.64%
382-384	2012	531,461	0	623,538	(623,538)	-117.3%	-37.3%	-46.7%	-42.4%	-44.6%	-40.03%	-39.28%	-35.07%	-35.51%	-34.93%
382-384	2013	1,482,487	0	449,511	(449,511)	-30.3%	-53.3%	-34.0%	-39.4%	-37.9%	-40.31%	-37.57%	-37.28%	-34.15%	-34.56%
382-384	2014	1,391,192	0	269,540	(269,540)	-19.4%	-25.0%	-39.4%	-29.6%	-33.5%	-33.15%	-35.72%	-34.08%	-34.17%	-31.89%
382-384	2015	2,361,397	195	1,019,289	(1,019,094)	-43.2%	-34.3%	-33.2%	-41.0%	-34.2%	-36.71%	-36.20%	-37.74%	-36.31%	-36.22%
382-384	2016	1,626,498	0	459,623	(459,623)	-28.3%	-37.1%	-32.5%	-32.0%	-38.2%	-33.06%	-35.13%	-34.82%	-36.25%	-35.14%
382-384	2017	1,725,298	0	94,455	(94,455)	-5.5%	-16.5%	-27.5%	-25.9%	-26.7%	-31.98%	-28.43%	-30.22%	-30.26%	-31.85%
382-384	2018	2,878,186	4,112	99,253	(95,141)	-3.3%	-4.1%	-10.4%	-19.4%	-19.4%	-20.82%	-25.10%	-22.93%	-24.40%	-24.71%
382-384	2019	3,821,623	(109)	105,649	(105,758)	-2.8%	-3.0%	-3.5%	-7.5%	-14.3%	-14.80%	-16.31%	-19.70%	-18.39%	-19.57%
382-384	2020	1,806,443	0	66,112	(66,112)	-3.7%	-3.1%	-3.1%	-3.5%	-6.9%	-12.94%	-13.51%	-14.97%	-18.06%	-16.97%
382-384	2021	1,045,765	0	17,455	(17,455)	-1.7%	-2.9%	-2.8%	-3.0%	-3.4%	-6.50%	-12.17%	-12.77%	-14.21%	-17.14%
382-384	2022	910,447	0	71,393	(71,393)	-7.8%	-4.5%	-4.1%	-3.4%	-3.4%	-3.69%	-6.59%	-11.93%	-12.52%	-13.90%
382-384	2023	789,018	0	54,258	(54,258)	-6.9%	-7.4%	-5.2%	-4.6%	-3.8%	-3.65%	-3.89%	-6.60%	-11.69%	-12.27%
382-384	2024	665,088	0	40,458	(40,458)	-6.1%	-6.5%	-7.0%	-5.4%	-4.8%	-3.93%	-3.78%	-4.00%	-6.58%	-11.48%
38500	1992	173	0	0	0	0.0%									
38500	1993	8,541	0	0	0	0.0%	0.0%								
38500	1994	6,457	0	0	0	0.0%	0.0%	0.0%							
38500	1995	7,051	0	0	0	0.0%	0.0%	0.0%	0.0%						
38500	1996	11,784	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
38500	1997	9,671	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
38500	1998	1,763	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			

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38500	1999	3,519	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
38500	2000	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
38500	2001	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
38500	2002	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2003	13,584	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2004	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2005	838	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2006	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2007	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2008	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2009	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38500	2010	1,205	0	332	(332)	-27.6%	-27.6%	-27.6%	-27.6%	-27.6%	-16.26%	-16.26%	-2.13%	-2.13%	-2.13%
38500	2011	17,950	0	4,182	(4,182)	-23.3%	-23.6%	-23.6%	-23.6%	-23.6%	-23.57%	-22.58%	-22.58%	-13.44%	-13.44%
38500	2012	69,832	0	16,784	(16,784)	-24.0%	-23.9%	-23.9%	-23.9%	-23.9%	-23.93%	-23.93%	-23.71%	-23.71%	-20.60%
38500	2013	35,819	0	2,477	(2,477)	-6.9%	-18.2%	-19.0%	-19.0%	-19.0%	-19.05%	-19.05%	-19.05%	-18.92%	-18.92%
38500	2014	21,440	0	1,529	(1,529)	-7.1%	-7.0%	-16.4%	-17.2%	-17.3%	-17.30%	-17.30%	-17.30%	-17.30%	-17.20%
38500	2015	1,063	0	2,854	(2,854)	-268.6%	-19.5%	-11.8%	-18.5%	-19.0%	-19.12%	-19.12%	-19.12%	-19.12%	-19.12%
38500	2016	8	0	334	(334)	-4106.3%	-297.7%	-21.0%	-12.3%	-18.7%	-19.27%	-19.34%	-19.34%	-19.34%	-19.34%
38500	2017	29	0	517	(517)	-1800.3%	-2309.0%	-337.0%	-23.2%	-13.2%	-19.11%	-19.62%	-19.69%	-19.69%	-19.69%
38500	2018	0	0	0	0	NA	-1800.3%	-2309.0%	-337.0%	-23.2%	-13.21%	-19.11%	-19.62%	-19.69%	-19.69%
38500	2019	0	0	0	0	NA	NA	-1800.3%	-2309.0%	-337.0%	-23.22%	-13.21%	-19.11%	-19.62%	-19.69%
38500	2020	0	0	0	0	NA	NA	NA	-1800.3%	-2309.0%	-336.95%	-23.22%	-13.21%	-19.11%	-19.62%
38500	2021	0	0	0	0	NA	NA	NA	NA	-1800.3%	-2309.04%	-336.95%	-23.22%	-13.21%	-19.11%
38500	2022	10,418	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	-4.95%	-8.14%	-32.17%	-15.88%	-11.21%
38500	2023	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	-4.95%	-8.14%	-32.17%	-15.88%
38500	2024	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	-4.95%	-8.14%	-32.17%
38700	1992	0	0	0	0	NA									
38700	1993	673	0	0	0	0.0%	0.0%								
38700	1994	0	0	0	0	NA	0.0%	0.0%							
38700	1995	0	0	0	0	NA	NA	0.0%	0.0%						
38700	1996	0	0	0	0	NA	NA	NA	0.0%	0.0%					
38700	1997	0	0	0	0	NA	NA	NA	NA	0.0%	0.0%				
38700	1998	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.0%			
38700	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.0%		
38700	2000	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.0%	
38700	2001	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.0%
38700	2002	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
38700	2003	13,459	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38700	2004	7,649	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
38700	2005	2,702	956	1,886	(930)	-34.4%	-9.0%	-3.9%	-3.9%	-3.9%	-3.91%	-3.91%	-3.91%	-3.91%	-3.91%
38700	2006	0	0	0	0	NA	-34.4%	-9.0%	-3.9%	-3.9%	-3.91%	-3.91%	-3.91%	-3.91%	-3.91%
38700	2007	0	0	0	0	NA	NA	-34.4%	-9.0%	-3.9%	-3.91%	-3.91%	-3.91%	-3.91%	-3.91%
38700	2008	0	0	0	0	NA	NA	NA	-34.4%	-9.0%	-3.91%	-3.91%	-3.91%	-3.91%	-3.91%
38700	2009	0	0	0	0	NA	NA	NA	NA	-34.4%	-8.98%	-3.91%	-3.91%	-3.91%	-3.91%

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38700	2010	0	0	0	0	NA	NA	NA	NA	NA	-34.41%	-8.98%	-3.91%	-3.91%	-3.91%
38700	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	-34.41%	-8.98%	-3.91%	-3.91%
38700	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-34.41%	-8.98%	-3.91%
38700	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	-34.41%	-8.98%
38700	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	-34.41%
38700	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38700	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
38700	2017	3,242	0	23,707	(23,707)	-731.2%	-731.2%	-731.2%	-731.2%	-731.2%	-731.25%	-731.25%	-731.25%	-731.25%	-731.25%
38700	2018	0	0	0	0	NA	-731.2%	-731.2%	-731.2%	-731.2%	-731.25%	-731.25%	-731.25%	-731.25%	-731.25%
38700	2019	0	0	0	0	NA	NA	-731.2%	-731.2%	-731.2%	-731.25%	-731.25%	-731.25%	-731.25%	-731.25%
38700	2020	0	0	0	0	NA	NA	NA	-731.2%	-731.2%	-731.25%	-731.25%	-731.25%	-731.25%	-731.25%
38700	2021	0	0	0	0	NA	NA	NA	NA	-731.2%	-731.25%	-731.25%	-731.25%	-731.25%	-731.25%
38700	2022	0	0	0	0	NA	NA	NA	NA	NA	-731.25%	-731.25%	-731.25%	-731.25%	-731.25%
38700	2023	0	0	2,613	(2,613)	NA	NA	NA	NA	NA	NA	-811.83%	-811.83%	-811.83%	-811.83%
38700	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	-811.83%	-811.83%	-811.83%
39000	1992	44,799	0	0	0	0.0%									
39000	1993	27,863	0	0	0	0.0%	0.0%								
39000	1994	378	0	0	0	0.0%	0.0%	0.0%							
39000	1995	13,673	0	0	0	0.0%	0.0%	0.0%	0.0%						
39000	1996	12,585	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
39000	1997	3,049	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39000	1998	121,759	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39000	1999	448	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39000	2000	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39000	2001	117,454	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39000	2002	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39000	2003	261,920	0	25,703	(25,703)	-9.8%	-9.8%	-6.8%	-6.8%	-6.8%	-5.12%	-5.09%	-4.97%	-4.84%	-4.84%
39000	2004	391,553	0	3,847	(3,847)	-1.0%	-4.5%	-4.5%	-3.8%	-3.8%	-3.83%	-3.31%	-3.30%	-3.25%	-3.20%
39000	2005	648	357	510	(152)	-23.5%	-1.0%	-4.5%	-4.5%	-3.8%	-3.85%	-3.85%	-3.32%	-3.31%	-3.27%
39000	2006	211,676	0	0	0	0.0%	-0.1%	-0.7%	-3.4%	-3.4%	-3.02%	-3.02%	-3.02%	-2.69%	-2.68%
39000	2007	27,628	0	(18,598)	18,598	67.3%	7.8%	7.7%	2.3%	-1.2%	-1.24%	-1.10%	-1.10%	-1.10%	-0.98%
39000	2008	0	0	0	0	NA	67.3%	7.8%	7.7%	2.3%	-1.24%	-1.24%	-1.10%	-1.10%	-1.10%
39000	2009	0	0	0	0	NA	NA	67.3%	7.8%	7.7%	2.31%	-1.24%	-1.24%	-1.10%	-1.10%
39000	2010	0	0	131	(131)	NA	NA	NA	66.8%	7.7%	7.63%	2.29%	-1.26%	-1.26%	-1.11%
39000	2011	0	0	0	0	NA	NA	NA	NA	66.8%	7.72%	7.63%	2.29%	-1.26%	-1.26%
39000	2012	0	0	0	0	NA	NA	NA	NA	NA	66.84%	7.72%	7.63%	2.29%	-1.26%
39000	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	66.84%	7.72%	7.63%	2.29%
39000	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	66.84%	7.72%	7.63%
39000	2015	0	0	13,363	(13,363)	NA	NA	NA	NA	NA	NA	NA	NA	18.47%	2.13%
39000	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.47%
39000	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39000	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39000	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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39000	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39000	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39000	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39000	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39000	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39100	1992	33,986	0	0	0	0.0%									
39100	1993	12,755	0	0	0	0.0%	0.0%								
39100	1994	2,837	0	0	0	0.0%	0.0%	0.0%							
39100	1995	86,357	0	0	0	0.0%	0.0%	0.0%	0.0%						
39100	1996	23,910	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
39100	1997	4,636	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39100	1998	1,010	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39100	1999	14,134	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39100	2000	878,319	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39100	2001	31,670	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39100	2002	51,357	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2003	214,597	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2004	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2005	6,524	24	48	(24)	-0.4%	-0.4%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2006	257,731	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2007	190,389	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2008	12,033	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2009	4,337	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	-0.01%	0.00%	0.00%	0.00%	0.00%
39100	2010	3,274	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	-0.01%	-0.01%	0.00%	0.00%	0.00%
39100	2011	1,760	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	-0.01%	-0.01%	0.00%	0.00%
39100	2012	8,239	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2013	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2014	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2015	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2016	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2017	20,396	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2018	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2019	1,427	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2020	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2021	218,856	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2022	28,567	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2023	15,649	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2024	39,312	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39200	1992	107,761	7,545	0	7,545	7.0%									
39200	1993	0	0	0	0	NA	7.0%								
39200	1994	0	0	0	0	NA	NA	7.0%							
39200	1995	53,481	1,972	0	1,972	3.7%	3.7%	3.7%	5.9%						

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39200	1996	237,008	15,435	0	15,435	6.5%	6.0%	6.0%	6.0%	6.3%					
39200	1997	256,291	71,193	0	71,193	27.8%	17.6%	16.2%	16.2%	16.2%	14.7%				
39200	1998	281,993	13,636	0	13,636	4.8%	15.8%	12.9%	12.3%	12.3%	12.34%	11.7%			
39200	1999	218,438	22,910	0	22,910	10.5%	7.3%	14.2%	12.4%	12.0%	11.95%	11.95%	11.5%		
39200	2000	1,181,629	37,146	0	37,146	3.1%	4.3%	4.4%	7.5%	7.4%	7.28%	7.28%	7.28%	7.3%	
39200	2001	396,470	67,485	0	67,485	17.0%	6.6%	7.1%	6.8%	9.1%	8.86%	8.75%	8.75%	8.75%	8.7%
39200	2002	819,018	60,320	0	60,320	7.4%	10.5%	6.9%	7.2%	7.0%	8.65%	8.50%	8.42%	8.42%	8.42%
39200	2003	633,574	1,719	(53,955)	55,674	8.8%	8.0%	9.9%	7.3%	7.5%	7.28%	8.67%	8.54%	8.48%	8.48%
39200	2004	230,184	29,480	(1,964)	31,444	13.7%	10.1%	8.8%	10.3%	7.7%	7.90%	7.67%	8.96%	8.82%	8.76%
39200	2005	106,510	602	1,148	(546)	-0.5%	9.2%	8.9%	8.2%	9.8%	7.47%	7.65%	7.45%	8.71%	8.59%
39200	2006	126,467	0	0	0	0.0%	-0.2%	6.7%	7.9%	7.7%	9.27%	7.20%	7.39%	7.21%	8.45%
39200	2007	34,135	2,400.00	0	2,400	7.0%	1.5%	0.7%	6.7%	7.9%	7.66%	9.24%	7.20%	7.39%	7.21%
39200	2008	139,388	1,320.50	0	1,321	0.9%	2.1%	1.2%	0.8%	5.4%	7.11%	7.21%	8.77%	6.96%	7.16%
39200	2009	18,888	2,000.00	(17,267)	19,267	102.0%	13.0%	11.9%	7.2%	5.3%	8.22%	8.50%	8.06%	9.48%	7.45%
39200	2010	4,575	47,168.42	(46,063)	93,231	2037.8%	479.5%	69.9%	59.0%	35.9%	26.90%	22.29%	15.68%	12.45%	13.18%
39200	2011	71	0	0	0	0.0%	2006.7%	478.0%	69.9%	59.0%	35.92%	26.90%	22.28%	15.67%	12.45%
39200	2012	0	0	0	0	NA	0.0%	2006.7%	478.0%	69.9%	58.98%	35.92%	26.90%	22.28%	15.67%
39200	2013	14,503	3,019	0	3,019	20.8%	20.8%	20.7%	502.6%	303.7%	65.85%	56.36%	35.27%	26.70%	22.25%
39200	2014	242,733	0	0	0	0.0%	1.2%	1.2%	1.2%	36.8%	41.14%	27.81%	26.25%	20.53%	17.27%
39200	2015	2,035	0	0	0	0.0%	0.0%	1.2%	1.2%	1.2%	36.47%	40.85%	27.67%	26.13%	20.46%
39200	2016	990	1,953	0	1,953	197.3%	64.6%	0.8%	1.9%	1.9%	1.91%	37.07%	41.39%	28.07%	26.50%
39200	2017	31,372	0	0	0	0.0%	6.0%	5.7%	0.7%	1.7%	1.70%	1.70%	33.15%	37.27%	26.13%
39200	2018	54,028	6,852	0	6,852	12.7%	8.0%	10.2%	10.0%	2.7%	3.42%	3.42%	3.42%	29.99%	33.67%
39200	2019	6,923	0	0	0	0.0%	11.2%	7.4%	9.4%	9.2%	2.60%	3.35%	3.35%	3.35%	29.41%
39200	2020	25,371	6,220	0	6,220	24.5%	19.3%	15.1%	11.1%	12.7%	12.45%	4.13%	4.77%	4.77%	4.77%
39200	2021	21,638	0	0	0	0.0%	13.2%	11.5%	12.1%	9.4%	10.71%	10.55%	3.90%	4.52%	4.52%
39200	2022	71,602	9,118	0	9,118	12.7%	9.8%	12.9%	12.2%	12.4%	10.52%	11.39%	11.28%	5.29%	5.76%
39200	2023	0	0	0	0	NA	12.7%	9.8%	12.9%	12.2%	12.36%	10.52%	11.39%	11.28%	5.29%
39200	2024	61,990	0	0	0	0.0%	0.0%	6.8%	5.9%	8.5%	8.18%	9.19%	8.13%	8.81%	8.75%
39300	1992	0	0	0	0	NA									
39300	1993	0	0	0	0	NA	NA								
39300	1994	0	0	0	0	NA	NA	NA							
39300	1995	0	0	0	0	NA	NA	NA	NA						
39300	1996	0	0	0	0	NA	NA	NA	NA	NA					
39300	1997	0	0	0	0	NA	NA	NA	NA	NA	NA				
39300	1998	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
39300	1999	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA		
39300	2000	21,832	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39300	2001	4,926	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39300	2002	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2003	2,489	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2004	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2005	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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39300	2006	16,581	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2007	0	0		0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2008	768	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2009	0	0		0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2010	3,084	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2011	0	0		0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2012	0	0		0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2013	0	0		0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2014	0	0		0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2015	0	0		0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2016	0	0		0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39300	2017	0	0		0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39300	2018	0	0		0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39300	2019	0	0		0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
39300	2020	639	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2021	0	0		0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2022	0	0		0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2023	669	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39300	2024	0	0		0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	1992	26,669	0		0	0	0.0%									
39400	1993	1,570	0		0	0	0.0%	0.0%								
39400	1994	9,216	0		0	0	0.0%	0.0%	0.0%							
39400	1995	3,798	0		0	0	0.0%	0.0%	0.0%	0.0%						
39400	1996	17,885	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
39400	1997	15,972	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39400	1998	2,617	85		0	85	3.2%	0.5%	0.2%	0.2%	0.2%	0.17%	0.1%			
39400	1999	0	0		0	0	NA	3.2%	0.5%	0.2%	0.2%	0.17%	0.17%	0.1%		
39400	2000	425,835	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.02%	0.02%	0.02%	0.0%	
39400	2001	19,504	215		0	215	1.1%	0.0%	0.0%	0.1%	0.1%	0.06%	0.06%	0.06%	0.06%	0.1%
39400	2002	288,368	0		0	0	0.0%	0.1%	0.0%	0.0%	0.0%	0.04%	0.04%	0.04%	0.04%	0.04%
39400	2003	37,175	0		0	0	0.0%	0.0%	0.1%	0.0%	0.0%	0.04%	0.04%	0.04%	0.04%	0.04%
39400	2004	17,639	0		0	0	0.0%	0.0%	0.0%	0.1%	0.0%	0.03%	0.04%	0.04%	0.04%	0.04%
39400	2005	35,666	385		758	(374)	-1.0%	-0.7%	-0.4%	-0.1%	0.0%	-0.02%	-0.02%	-0.01%	-0.01%	-0.01%
39400	2006	44,049	0		0	0	0.0%	-0.5%	-0.4%	-0.3%	-0.1%	-0.04%	-0.02%	-0.02%	-0.01%	-0.01%
39400	2007	7,935	0		630	(630)	-7.9%	-1.2%	-1.1%	-1.0%	-0.7%	-0.23%	-0.18%	-0.09%	-0.09%	-0.08%
39400	2008	848	0		339	(339)	-40.0%	-11.0%	-1.8%	-1.5%	-1.3%	-0.94%	-0.31%	-0.25%	-0.13%	-0.13%
39400	2009	112,524	0		275	(275)	-0.2%	-0.5%	-1.0%	-0.8%	-0.8%	-0.74%	-0.63%	-0.30%	-0.25%	-0.14%
39400	2010	53,641	0		129	(129)	-0.2%	-0.2%	-0.4%	-0.8%	-0.6%	-0.69%	-0.64%	-0.56%	-0.29%	-0.25%
39400	2011	57,266	0		0	0	0.0%	-0.1%	-0.2%	-0.3%	-0.6%	-0.50%	-0.56%	-0.53%	-0.48%	-0.27%
39400	2012	100,169	0		0	0	0.0%	0.0%	-0.1%	-0.1%	-0.2%	-0.41%	-0.36%	-0.42%	-0.41%	-0.37%
39400	2013	239,790	0		0	0	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.13%	-0.24%	-0.22%	-0.27%	-0.26%
39400	2014	4,772	0		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	-0.07%	-0.13%	-0.24%	-0.22%	-0.27%

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39400	2015	20,725	6,545	553	5,992	28.9%	23.5%	2.3%	1.6%	1.4%	1.23%	0.95%	0.89%	0.77%	0.72%
39400	2016	81,222	0	(21.25)	21	0.0%	5.9%	5.6%	1.7%	1.3%	1.19%	1.06%	0.84%	0.79%	0.68%
39400	2017	345,151	0	0	0	0.0%	0.0%	1.3%	1.3%	0.9%	0.76%	0.71%	0.65%	0.55%	0.52%
39400	2018	0	0	0	0	NA	0.0%	0.0%	1.3%	1.3%	0.87%	0.76%	0.71%	0.65%	0.55%
39400	2019	137,388	0	0	0	0.0%	0.0%	0.0%	0.0%	1.0%	1.02%	0.73%	0.65%	0.61%	0.57%
39400	2020	21,150	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.99%	0.99%	0.71%	0.63%	0.60%
39400	2021	691	0	132	(132)	-19.0%	-0.6%	-0.1%	-0.1%	0.0%	-0.02%	0.97%	0.96%	0.69%	0.62%
39400	2022	2,534	912	0	912	36.0%	24.2%	3.2%	0.5%	0.5%	0.15%	0.14%	1.12%	1.11%	0.80%
39400	2023	0	8,500	0	8,500	NA	371.5%	287.8%	38.1%	5.7%	5.74%	1.83%	1.58%	2.51%	2.49%
39400	2024	0	0	0	0	NA	NA	371.5%	287.8%	38.1%	5.74%	5.74%	1.83%	1.58%	2.51%
39500	1992	3,027	0	0	0	0.0%									
39500	1993	0	0	0	0	NA	0.0%								
39500	1994	0	0	0	0	NA	NA	0.0%							
39500	1995	0	0	0	0	NA	NA	NA	0.0%						
39500	1996	0	0	0	0	NA	NA	NA	NA	0.0%					
39500	1997	0	0	0	0	NA	NA	NA	NA	NA	0.0%				
39500	1998	405	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39500	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39500	2000	18,369	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39500	2001	793	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39500	2002	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2003	72,494	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2004	1,355	0	(2,824)	2,824	208.5%	3.8%	3.8%	3.8%	3.0%	3.04%	3.02%	3.02%	3.02%	3.02%
39500	2005	5,949	0	0	0	0.0%	38.7%	3.5%	3.5%	3.5%	2.85%	2.85%	2.84%	2.84%	2.84%
39500	2006	4,847	0	0	0	0.0%	0.0%	23.2%	3.3%	3.3%	3.31%	2.72%	2.72%	2.71%	2.71%
39500	2007	0	0	0	0	NA	0.0%	0.0%	23.2%	3.3%	3.34%	3.31%	2.72%	2.72%	2.71%
39500	2008	1,092	0	0	0	0.0%	0.0%	0.0%	0.0%	21.3%	3.29%	3.29%	3.26%	2.69%	2.69%
39500	2009	1,567	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	19.07%	3.23%	3.23%	3.21%	2.65%
39500	2010	1,799	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	17.00%	3.17%	3.17%	3.14%
39500	2011	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	17.00%	3.17%	3.17%
39500	2012	4,109	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	13.63%	3.03%
39500	2013	1,124	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	12.93%
39500	2014	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2015	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2016	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2017	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2018	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39500	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39500	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39500	2022	12,933	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2023	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39500	2024	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39600	1992	115,309	8,073	0	8,073	7.0%									
39600	1993	5,890	5,127	0	5,127	87.0%	10.9%								
39600	1994	81,782	13,850	0	13,850	16.9%	21.6%	13.3%							
39600	1995	69,471	2,561	0	2,561	3.7%	10.9%	13.7%	10.9%						
39600	1996	92,020	5,993	0	5,993	6.5%	5.3%	9.2%	11.0%	9.8%					
39600	1997	57,243	15,901	0	15,901	27.8%	14.7%	11.2%	12.7%	14.2%	12.2%				
39600	1998	7,726	1,200	0	1,200	15.5%	26.3%	14.7%	11.3%	12.8%	14.21%	12.3%			
39600	1999	81,308	0	0	0	0.0%	1.3%	11.7%	9.7%	8.3%	10.14%	11.29%	10.3%		
39600	2000	408,371	0	0	0	0.0%	0.0%	0.2%	3.1%	3.6%	3.58%	4.95%	5.55%	5.7%	
39600	2001	61,444	11,074	0	11,074	18.0%	2.4%	2.0%	2.2%	4.6%	4.83%	4.72%	5.89%	6.44%	6.5%
39600	2002	369,871	0	0	0	0.0%	2.6%	1.3%	1.2%	1.3%	2.86%	3.17%	3.20%	4.11%	4.51%
39600	2003	316,052	7,000	2,169	4,832	1.5%	0.7%	2.1%	1.4%	1.3%	1.37%	2.54%	2.80%	2.84%	3.59%
39600	2004	100,423	2,400	(10,261)	12,661	12.6%	4.2%	2.2%	3.4%	2.3%	2.14%	2.21%	3.26%	3.46%	3.47%
39600	2005	27,493	0	573	(573)	-2.1%	9.4%	3.8%	2.1%	3.2%	2.18%	2.05%	2.13%	3.15%	3.36%
39600	2006	108,994	0	0	0	0.0%	-0.4%	5.1%	3.1%	1.8%	2.84%	2.01%	1.90%	1.97%	2.93%
39600	2007	77,418	2,000	(3,928)	5,928	7.7%	3.2%	2.5%	5.7%	3.6%	2.28%	3.20%	2.31%	2.19%	2.25%
39600	2008	3,757	2,420	(901)	3,321	88.4%	11.4%	4.9%	4.0%	6.7%	4.13%	2.61%	3.50%	2.53%	2.39%
39600	2009	43,283	0	0	0	0.0%	7.1%	7.4%	4.0%	3.3%	5.90%	3.86%	2.50%	3.36%	2.45%
39600	2010	4,875	15,378	0	15,378	315.4%	31.9%	36.0%	19.0%	10.3%	9.05%	10.02%	6.09%	3.95%	4.73%
39600	2011	5,794	0	0	0	0.0%	144.1%	28.5%	32.4%	18.2%	10.09%	8.86%	9.87%	6.04%	3.93%
39600	2012	245,782	0	0	0	0.0%	0.0%	6.0%	5.1%	6.2%	6.47%	5.03%	4.65%	5.94%	4.45%
39600	2013	5,019	0	0	0	0.0%	0.0%	0.0%	5.9%	5.0%	6.06%	6.38%	4.98%	4.60%	5.89%
39600	2014	652,936	0	0	0	0.0%	0.0%	0.0%	0.0%	1.7%	1.61%	1.94%	2.37%	2.15%	2.05%
39600	2015	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	1.68%	1.61%	1.94%	2.37%	2.15%
39600	2016	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	1.68%	1.61%	1.94%	2.37%
39600	2017	5,895		0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	1.67%	1.60%	1.93%
39600	2018	35,633	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	1.61%	1.54%
39600	2019	10,547	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	1.59%
39600	2020	8,052	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39600	2021	0	12,618	0	12,618	NA	156.7%	67.8%	23.3%	21.0%	20.98%	20.98%	1.77%	1.76%	1.31%
39600	2022	0	19,500	0	19,500	NA	NA	398.9%	172.7%	59.2%	53.42%	53.42%	53.42%	4.50%	4.47%
39600	2023	0	0	0	0	NA	NA	NA	398.9%	172.7%	59.22%	53.42%	53.42%	53.42%	4.50%
39600	2024	0	0	0	0	NA	NA	NA	NA	398.9%	172.69%	59.22%	53.42%	53.42%	53.42%
39603	2007	42,865	0	(3,928)	3,928	9.2%									
39603	2008	0	0	0	0	NA	9.2%								
39603	2009	0	0	0	0	NA	NA	9.2%							
39603	2010	4,875	2,978.00	0	2,978	61.1%	61.1%	61.1%	14.5%						
39603	2011	0	0	0	0	NA	61.1%	61.1%	61.1%	14.5%					
39603	2012	41,262	0	0	0	0.0%	0.0%	6.5%	6.5%	6.5%	7.8%				
39603	2013	0	0	0	0	NA	0.0%	0.0%	6.5%	6.5%	6.45%	7.8%			

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39603	2014	137,934	0	0	0	0.0%	0.0%	0.0%	0.0%	1.6%	1.62%	1.62%	3.0%		
39603	2015	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	1.62%	1.62%	1.62%	3.0%	
39603	2016	11,814	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	1.52%	1.52%	1.52%	2.9%
39603	2017	0	16,181	0	16,181	NA	137.0%	137.0%	10.8%	10.8%	8.47%	8.47%	9.78%	9.78%	9.78%
39603	2018	0	0	0	0	NA	NA	137.0%	137.0%	10.8%	10.81%	8.47%	8.47%	9.78%	9.78%
39603	2019	0	0	0	0	NA	NA	NA	137.0%	137.0%	10.81%	10.81%	8.47%	8.47%	9.78%
39603	2020	0	0	0	0	NA	NA	NA	NA	137.0%	136.96%	10.81%	10.81%	8.47%	8.47%
39603	2021	0	0	0	0	NA	NA	NA	NA	NA	136.96%	136.96%	10.81%	10.81%	8.47%
39603	2022	0	12,005	0	12,005	NA	NA	NA	NA	NA	NA	238.57%	238.57%	18.82%	18.82%
39603	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	238.57%	238.57%	18.82%
39603	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	238.57%	238.57%
39604	2007	0	0	0	0	NA									
39604	2008	3,757	2,420.00	(901)	3,321	88.4%	88.4%								
39604	2009	5,019	0	0	0	0.0%	37.8%	37.8%							
39604	2010	0	12,400.00	0	12,400	NA	247.1%	179.1%	179.1%						
39604	2011	0	0	0	0	NA	NA	247.1%	179.1%	179.1%					
39604	2012	32,286	0	0	0	0.0%	0.0%	38.4%	33.2%	38.3%	38.3%				
39604	2013	0	0	0	0	NA	0.0%	0.0%	38.4%	33.2%	38.29%	38.3%			
39604	2014	190,676	0	0	0	0.0%	0.0%	0.0%	0.0%	5.6%	5.44%	6.78%	6.8%		
39604	2015	0	20,724	570	20,155	NA	10.6%	10.6%	9.0%	9.0%	14.60%	14.28%	15.48%	15.5%	
39604	2016	0	0	0	0	NA	NA	10.6%	10.6%	9.0%	9.04%	14.60%	14.28%	15.48%	15.5%
39604	2017	0	0	0	0	NA	NA	NA	10.6%	10.6%	9.04%	9.04%	14.60%	14.28%	15.48%
39604	2018	0	0	0	0	NA	NA	NA	NA	10.6%	10.57%	9.04%	9.04%	14.60%	14.28%
39604	2019	0	0	0	0	NA	NA	NA	NA	NA	10.57%	10.57%	9.04%	9.04%	14.60%
39604	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	10.57%	10.57%	9.04%	9.04%
39604	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	10.57%	10.57%	9.04%
39604	2022	0	34,866	0	34,866	NA	NA	NA	NA	NA	NA	NA	NA	28.86%	28.86%
39604	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.86%
39604	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
396C	1992	115,309	8,073	0	8,073	7.0%									
396C	1993	5,890	5,127	0	5,127	87.0%	10.9%								
396C	1994	81,782	13,850	0	13,850	16.9%	21.6%	13.3%							
396C	1995	69,471	2,561	0	2,561	3.7%	10.9%	13.7%	10.9%						
396C	1996	92,020	5,993	0	5,993	6.5%	5.3%	9.2%	11.0%	9.8%					
396C	1997	57,243	15,901	0	15,901	27.8%	14.7%	11.2%	12.7%	14.2%	12.2%				
396C	1998	7,726	1,200	0	1,200	15.5%	26.3%	14.7%	11.3%	12.8%	14.21%	12.3%			
396C	1999	81,308	0	0	0	0.0%	1.3%	11.7%	9.7%	8.3%	10.14%	11.29%	10.3%		
396C	2000	408,371	0	0	0	0.0%	0.0%	0.2%	3.1%	3.6%	3.58%	4.95%	5.55%	5.7%	
396C	2001	61,444	11,074	0	11,074	18.0%	2.4%	2.0%	2.2%	4.6%	4.83%	4.72%	5.89%	6.44%	6.5%
396C	2002	369,871	0	0	0	0.0%	2.6%	1.3%	1.2%	1.3%	2.86%	3.17%	3.20%	4.11%	4.51%
396C	2003	316,052	7,000	2,169	4,832	1.5%	0.7%	2.1%	1.4%	1.3%	1.37%	2.54%	2.80%	2.84%	3.59%
396C	2004	100,423	2,400	(10,261)	12,661	12.6%	4.2%	2.2%	3.4%	2.3%	2.14%	2.21%	3.26%	3.46%	3.47%

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Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
396C	2005	27,493	0	573	(573)	-2.1%	9.4%	3.8%	2.1%	3.2%	2.18%	2.05%	2.13%	3.15%	3.36%
396C	2006	108,994	0	0	0	0.0%	-0.4%	5.1%	3.1%	1.8%	2.84%	2.01%	1.90%	1.97%	2.93%
396C	2007	77,418	2,000	(3,928)	5,928	7.7%	3.2%	2.5%	5.7%	3.6%	2.28%	3.20%	2.31%	2.19%	2.25%
396C	2008	3,757	2,420	(901)	3,321	88.4%	11.4%	4.9%	4.0%	6.7%	4.13%	2.61%	3.50%	2.53%	2.39%
396C	2009	43,283	0	0	0	0.0%	7.1%	7.4%	4.0%	3.3%	5.90%	3.86%	2.50%	3.36%	2.45%
396C	2010	4,875	15,378	0	15,378	315.5%	31.9%	36.0%	19.0%	10.3%	9.05%	10.02%	6.09%	3.95%	4.73%
396C	2011	5,794	0	0	0	0.0%	144.1%	28.5%	32.4%	18.2%	10.09%	8.86%	9.87%	6.04%	3.93%
396C	2012	319,330	0	0	0	0.0%	0.0%	4.7%	4.1%	5.0%	5.42%	4.37%	4.07%	5.31%	4.12%
396C	2013	5,019	0	0	0	0.0%	0.0%	0.0%	4.6%	4.1%	4.89%	5.36%	4.33%	4.04%	5.27%
396C	2014	981,546	0	0	0	0.0%	0.0%	0.0%	0.0%	1.2%	1.13%	1.37%	1.71%	1.59%	1.52%
396C	2015	0	20,724	570	20,154	NA	2.1%	2.0%	1.5%	1.5%	2.70%	2.61%	2.85%	3.11%	2.89%
396C	2016	11,814	0	0	0	0.0%	170.6%	2.0%	2.0%	1.5%	1.52%	2.67%	2.59%	2.82%	3.08%
396C	2017	5,895	16,181	0	16,181	274.5%	91.4%	205.2%	3.6%	3.6%	2.75%	2.73%	3.88%	3.75%	3.98%
396C	2018	35,633	0	0	0	0.0%	39.0%	30.3%	68.1%	3.5%	3.49%	2.67%	2.66%	3.77%	3.66%
396C	2019	10,547	0	0	0	0.0%	0.0%	31.1%	25.3%	56.9%	3.48%	3.46%	2.65%	2.64%	3.75%
396C	2020	8,052	0	0	0	0.0%	0.0%	0.0%	26.9%	22.5%	50.51%	3.45%	3.43%	2.64%	2.63%
396C	2021	0	12,618	0	12,618	NA	156.7%	67.8%	23.3%	47.9%	40.03%	68.05%	4.65%	4.62%	3.55%
396C	2022	0	66,371	0	66,371	NA	NA	981.0%	424.7%	145.6%	158.28%	132.29%	160.30%	10.95%	10.89%
396C	2023	0	0	0	0	NA	NA	NA	981.0%	424.7%	145.65%	158.28%	132.29%	160.30%	10.95%
396C	2024	0	0	0	0	NA	NA	NA	NA	981.0%	424.70%	145.65%	158.28%	132.29%	160.30%
39700	1992	8,803	0	0	0	0.0%									
39700	1993	5,533	0	0	0	0.0%	0.0%								
39700	1994	229	0	0	0	0.0%	0.0%	0.0%							
39700	1995	14,224	0	0	0	0.0%	0.0%	0.0%	0.0%						
39700	1996	38,178	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
39700	1997	18,652	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39700	1998	2,146	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39700	1999	2,678	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39700	2000	262,951	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39700	2001	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39700	2002	138,008	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2003	17,436	0	400	(400)	-2.3%	-0.3%	-0.3%	-0.1%	-0.1%	-0.09%	-0.09%	-0.08%	-0.08%	-0.08%
39700	2004	327	0	0	0	0.0%	-2.3%	-0.3%	-0.3%	-0.1%	-0.10%	-0.09%	-0.09%	-0.08%	-0.08%
39700	2005	5,162	41	81	(40)	-0.8%	-0.7%	-1.9%	-0.3%	-0.3%	-0.10%	-0.10%	-0.10%	-0.10%	-0.09%
39700	2006	0	0	0	0	NA	-0.8%	-0.7%	-1.9%	-0.3%	-0.27%	-0.10%	-0.10%	-0.10%	-0.10%
39700	2007	246,922	0	0	0	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.11%	-0.11%	-0.07%	-0.07%	-0.07%
39700	2008	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	-0.16%	-0.11%	-0.11%	-0.07%	-0.07%
39700	2009	7,863	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	-0.02%	-0.16%	-0.11%	-0.11%	-0.06%
39700	2010	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	-0.02%	-0.02%	-0.16%	-0.11%	-0.11%
39700	2011	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	-0.02%	-0.02%	-0.16%	-0.11%
39700	2012	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	-0.02%	-0.02%	-0.16%
39700	2013	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	-0.02%	-0.02%
39700	2014	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	-0.02%

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39700	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39700	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39700	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39700	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
39700	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39700	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39700	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39700	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39700	2023	251,407	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2024	41,271	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39701	2007	55,802	0	0	0	0.0%									
39701	2008	0	0	0	0	NA	0.0%								
39701	2009	1,156	0	0	0	0.0%	0.0%	0.0%							
39701	2010	0	0	0	0	NA	0.0%	0.0%	0.0%						
39701	2011	0	0	0	0	NA	NA	0.0%	0.0%	0.0%					
39701	2012	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.0%				
39701	2013	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.0%			
39701	2014	7,902	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39701	2015	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39701	2016	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39701	2017	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39701	2018	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39701	2019	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39701	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39701	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39701	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39701	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
39701	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2007	34,731	0	0	0	0.0%									
39702	2008	0	0	0	0	NA	0.0%								
39702	2009	0	0	0	0	NA	NA	0.0%							
39702	2010	0	0	0	0	NA	NA	NA	0.0%						
39702	2011	0	0	0	0	NA	NA	NA	NA	0.0%					
39702	2012	0	0	0	0	NA	NA	NA	NA	NA	0.0%				
39702	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	0.0%			
39702	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.0%		
39702	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.0%	
39702	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0%
39702	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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39702	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39702	2024	6,065	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
397C	2007	337,455	0	0	0	0.0%									
397C	2008	0	0	0	0	NA	0.0%								
397C	2009	9,019	0	0	0	0.0%	0.0%	0.0%							
397C	2010	0	0	0	0	NA	0.0%	0.0%	0.0%						
397C	2011	0	0	0	0	NA	NA	0.0%	0.0%	0.0%					
397C	2012	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.0%				
397C	2013	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.0%			
397C	2014	7,902	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
397C	2015	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
397C	2016	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
397C	2017	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
397C	2018	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
397C	2019	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
397C	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
397C	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
397C	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
397C	2023	251,407	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
397C	2024	47,335	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	1992	1,061	0	0	0	0.0%									
39800	1993	1,166	0	0	0	0.0%	0.0%								
39800	1994	221	0	0	0	0.0%	0.0%	0.0%							
39800	1995	1,063	0	0	0	0.0%	0.0%	0.0%	0.0%						
39800	1996	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%					
39800	1997	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.0%				
39800	1998	218	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39800	1999	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39800	2000	19,423	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39800	2001	13,422	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39800	2002	18,401	144	0	144	0.8%	0.5%	0.3%	0.3%	0.3%	0.28%	0.28%	0.27%	0.27%	0.27%
39800	2003	53,061	0	0	0	0.0%	0.2%	0.2%	0.1%	0.1%	0.14%	0.14%	0.14%	0.14%	0.14%
39800	2004	4,646	0	(496)	496	10.7%	0.9%	0.8%	0.7%	0.6%	0.59%	0.59%	0.59%	0.59%	0.58%
39800	2005	210	0	0	0	0.0%	10.2%	0.9%	0.8%	0.7%	0.59%	0.59%	0.59%	0.59%	0.59%
39800	2006	0	0	0	0	NA	0.0%	10.2%	0.9%	0.8%	0.71%	0.59%	0.59%	0.59%	0.59%
39800	2007	0	0	112	(112)	NA	NA	-53.5%	7.9%	0.7%	0.69%	0.59%	0.48%	0.48%	0.48%
39800	2008	10,891	0	(0)	0	0.0%	-1.0%	-1.0%	-1.0%	2.4%	0.56%	0.61%	0.52%	0.44%	0.44%
39800	2009	5,203	0	270	(270)	-5.2%	-1.7%	-2.4%	-2.4%	-2.3%	0.54%	0.15%	0.28%	0.24%	0.21%
39800	2010	0	0	0	0	NA	-5.2%	-1.7%	-2.4%	-2.4%	-2.34%	0.54%	0.15%	0.28%	0.24%
39800	2011	12,533	0	0	0	0.0%	0.0%	-1.5%	-0.9%	-1.3%	-1.33%	-1.33%	0.34%	0.13%	0.25%
39800	2012	0	0	0	0	NA	0.0%	0.0%	-1.5%	-0.9%	-1.33%	-1.33%	-1.33%	0.34%	0.13%

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39800	2013	0	0	0	0	NA	NA	0.0%	0.0%	-1.5%	-0.94%	-1.33%	-1.33%	-1.33%	0.34%
39800	2014	0	0	0	0	NA	NA	NA	0.0%	0.0%	-1.52%	-0.94%	-1.33%	-1.33%	-1.33%
39800	2015	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	-1.52%	-0.94%	-1.33%	-1.33%
39800	2016	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	-1.52%	-0.94%	-1.33%
39800	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	-1.52%	-0.94%
39800	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	-1.52%
39800	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39800	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
39800	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39800	2022	1,193	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2023	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2024	8,051	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	1992	5,616	0	0	0	0.0%									
39900	1993	874	0	0	0	0.0%	0.0%								
39900	1994		0	0	0	NA	0.0%	0.0%							
39900	1995	19,412	0	0	0	0.0%	0.0%	0.0%	0.0%						
39900	1996	2,964	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
39900	1997	2,340	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39900	1998	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39900	1999	10,102	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39900	2000	2,675,249	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39900	2001	25,456	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39900	2002	4,954	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2003	1,025,969	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2004	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2005	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2006	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2007	5,409	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2008	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2009	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2010	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2011	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2012	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39900	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39900	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39900	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
39900	2017	4,108	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2018	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2019	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2020	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2021	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2022	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39900	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%

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39900	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39901	2007	14,916	0	0	0	0.0%									
39901	2008	0	0	0	0	NA	0.0%								
39901	2009	0	0	0	0	NA	NA	0.0%							
39901	2010	0	0	0	0	NA	NA	NA	0.0%						
39901	2011	0	0	0	0	NA	NA	NA	NA	0.0%					
39901	2012	0	0	0	0	NA	NA	NA	NA	NA	0.0%				
39901	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	0.0%			
39901	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.0%		
39901	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.0%	
39901	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0%
39901	2017	25,349	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2018	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2019	13,469	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2020	3,145	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2021	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2022	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2023	20,731	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2024	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2007	24,392	0	0	0	0.0%									
39902	2008	0	0	0	0	NA	0.0%								
39902	2009	0	0	0	0	NA	NA	0.0%							
39902	2010	0	0	0	0	NA	NA	NA	0.0%						
39902	2011	0	0	0	0	NA	NA	NA	NA	0.0%					
39902	2012	0	0	0	0	NA	NA	NA	NA	NA	0.0%				
39902	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	0.0%			
39902	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.0%		
39902	2015	63,702	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39902	2016	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39902	2017	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2018	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2019	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2020	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39902	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39902	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39902	2024	15,235	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2007	0	0	0	0	NA									
39903	2008	0	0	0	0	NA	NA								
39903	2009	0	0	0	0	NA	NA	NA							

ATMOS ENERGY - KANSAS DIVISION
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39903	2010	0	0	0	0	NA	NA	NA	NA						
39903	2011	0	0	0	0	NA	NA	NA	NA	NA					
39903	2012	17,031	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39903	2013	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39903	2014	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39903	2015	104,261	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39903	2016	30,237	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39903	2017	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2018	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2019	65,342	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2020	7,873	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2021	70,908	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2022	134,320	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2023	44,726	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2024	128,129	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2007	455,906	0	0	0	0.0%									
39906	2008	0	0	0	0	NA	0.0%								
39906	2009	333,839	0	0	0	0.0%	0.0%	0.0%							
39906	2010	0	0	0	0	NA	0.0%	0.0%	0.0%						
39906	2011	2,185	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%					
39906	2012	379,264	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
39906	2013	149,540	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%			
39906	2014	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.0%		
39906	2015	66,121	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39906	2016	143,894	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39906	2017	226,650	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2018	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2019	80,172	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2020	614,162	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2021	138,115	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2022	152,055	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2023	140,577	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2024	96,592	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2007	28,389	0	0	0	0.0%									
39907	2008	0	0	0	0	NA	0.0%								
39907	2009	0	0	0	0	NA	NA	0.0%							
39907	2010	0	0	0	0	NA	NA	NA	0.0%						
39907	2011	0	0	0	0	NA	NA	NA	NA	0.0%					
39907	2012	0	0	0	0	NA	NA	NA	NA	NA	0.0%				
39907	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	0.0%			
39907	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.0%		
39907	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.0%	

ATMOS ENERGY - KANSAS DIVISION
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	TY	Retirements	Salvage	COR	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39907	2016	55,965	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39907	2017	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2018	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2019	14,249	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2020	26,557	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2021	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2022	13,416	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2023	17,104	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2024	2,038	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2007	66,004	0	0	0	0.0%									
39908	2008	0	0	0	0	NA	0.0%								
39908	2009	84,375	0	0	0	0.0%	0.0%	0.0%							
39908	2010	0	0	0	0	NA	0.0%	0.0%	0.0%						
39908	2011	0	0	0	0	NA	NA	0.0%	0.0%	0.0%					
39908	2012	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.0%				
39908	2013	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.0%			
39908	2014	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.0%		
39908	2015	129,925	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.0%	
39908	2016	83,520	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.0%
39908	2017	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2018	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2019	736,830	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2020	0	0	0	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2021	0	0	0	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2022	0	0	0	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2023	0	0	0	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39908	2024	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%

ATMOS ENERGY CORPORATION

COLORADO KANSAS GENERAL OFFICE

DEPRECIATION RATE STUDY

As of September 30, 2024

http://www.utilityalliance.com

ATMOS ENERGY CORPORATION
COLORADO KANSAS GENERAL OFFICE DIVISION
DEPRECIATION RATE STUDY
EXECUTIVE SUMMARY

Atmos Energy Corporation ("Atmos" or "Company") engaged Alliance Consulting Group to conduct a depreciation study of the Company's Colorado Kansas General Office ("COKS General Office") depreciable assets as of fiscal year end September 30, 2024. COKS General Office provides support to Atmos Energy Corporation's regulated utility divisions, which at the year ended September 30, 2024, were:

- Colorado; and
- Kansas

The existing depreciation rates were based on the straight-line method, equal life group ("ELG") procedure, and remaining-life technique. The same method, procedure, and technique are retained in this study. This study recommends a decrease of approximately $17 thousand in annual depreciation expense when compared to the depreciation rates currently in effect. This study results in an annual depreciation expense accrual of approximately $51 thousand when applied to depreciable plant balances as of September 30, 2024. There were no changes to the life or net salvage.

The depreciation study conducted, analyzed, and developed depreciation recommendations at an account level, resulting in annual depreciation accrual amounts and depreciation rates also at the account level. Appendix A demonstrates the calculation of annual depreciation expense.

ATMOS ENERGY CORPORATION
COLORADO KANSAS GENERAL OFFICE PROPERTY
DEPRECIATION RATE STUDY
As of September 30, 2024
Table of Contents

PURPOSE

The purpose of this study is to develop depreciation rates for the depreciable property as recorded on COKS General Office's books at September 30, 2024. The account-based depreciation rates were designed to recover the total remaining undepreciated investment, adjusted for net salvage, over the remaining life of property on a straight-line basis. Intangible and non-depreciable property were excluded from this study.

COKS General Office is a division of Atmos dedicated to providing various support services to its regulated gas utility service areas in the states of Colorado and Kansas. COKS General Office serves over 240,000 customers across these states.

STUDY RESULTS

The existing and current study annual depreciation expense result from the use of Iowa Curve dispersion patterns with average service life, the equal life group ("ELG") procedure and remaining-life technique, and consideration of net salvage in the development of the study recommended depreciation rates. Detailed information for each of these factors will follow in this report.

Overall depreciation rates for COKS General Office depreciable property are shown in Appendix A. These rates translate into an annual depreciation accrual of $51 thousand based on depreciable investment at September 30, 2024. The annual equivalent depreciation expense calculated by the same method using the currently approved rates is $68 thousand. The primary driver for the decrease in the annual depreciation expense when compared to the existing is related to a net increase in lives and a change in the reserve position.

Appendix A presents a comparison of the composite existing rates versus the recommended study rates. Appendix B presents the development of the depreciation rates and annual accruals. Appendix C presents the mortality and net salvage parameters by account. Appendix D shows net salvage history by plant account.

GENERAL DISCUSSION

Definition

The term "depreciation" as used in this study is considered in the accounting sense; that is, a system of accounting that distributes the cost of assets, less net salvage (if any), over the estimated useful life of the assets in a systematic and rational manner. It is a process of allocation, not valuation. This expense is systematically allocated to accounting periods over the life of the properties. The amount allocated to any one accounting period does not necessarily represent the loss or decrease in value that will occur during that particular period. The Company accrues depreciation on the basis of the original cost of all depreciable property included in each functional property group. On retirement the full cost of depreciable property, less the net salvage value, is charged to the depreciation reserve.

Basis of Depreciation Estimates

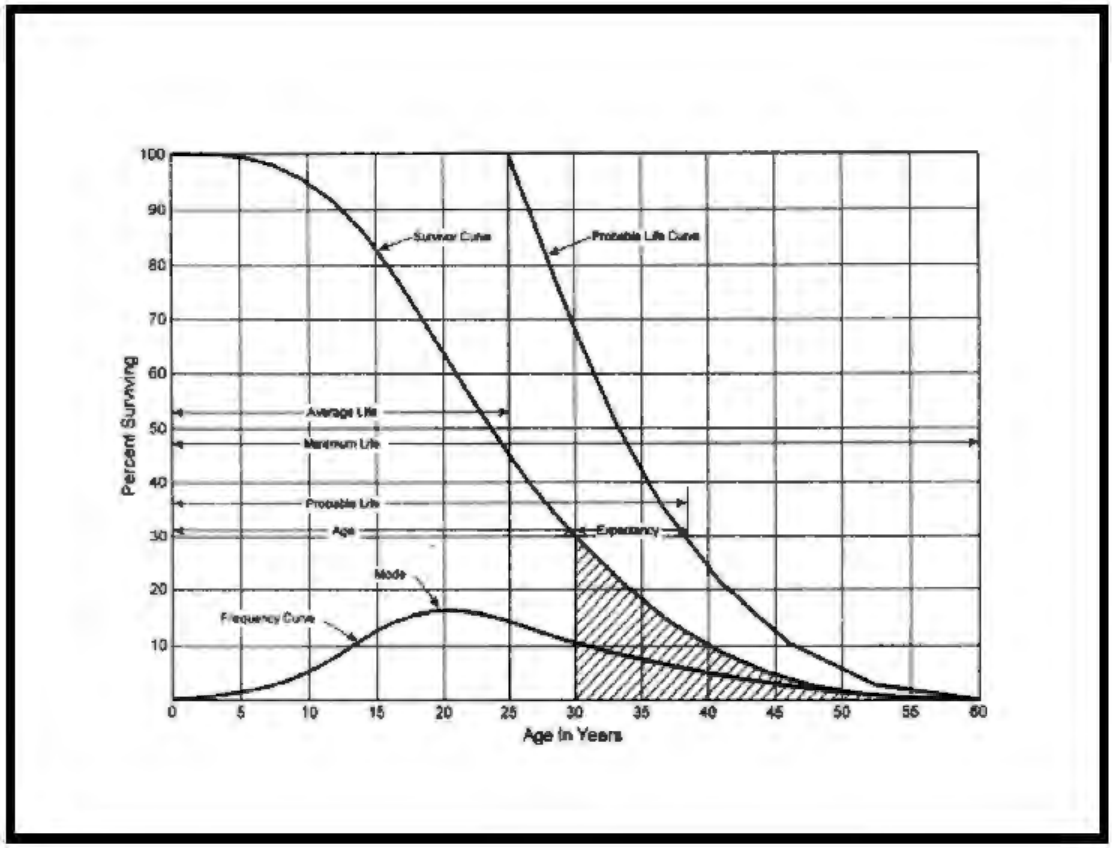
The straight-line, ELG, remaining-life depreciation system was employed to calculate annual and accrued depreciation in this study. In this system, the annual depreciation expense for each group is computed by dividing the original cost of the asset less allocated depreciation reserve less estimated net salvage by its respective ELG remaining life. The resulting annual accrual amounts of all depreciable property within a function were accumulated, and the total was divided by the original cost of all functional depreciable property to determine the depreciation rate. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group. The computations of the annual depreciation rates are shown in Appendix B and remaining life calculations are provided in the workpapers.

Actuarial analysis was used with each account within a function where

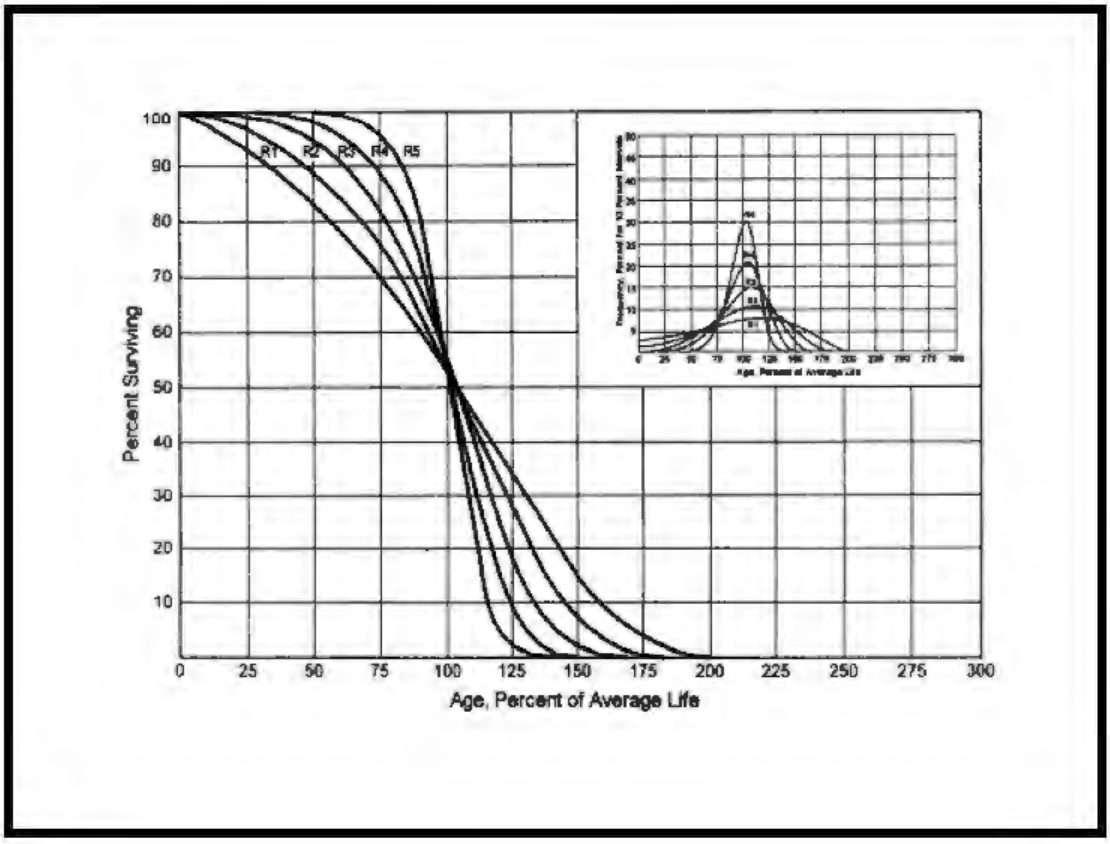
sufficient data was available, and judgment was used to some degree on all accounts.

Survivor Curves

To fully understand depreciation projections in a regulated utility setting, there must be a basic understanding of survivor curves. Individual property units within a group do not normally have identical lives or investment amounts. The average life of a group can be determined by first constructing a survivor curve, which is plotted as a percentage of the units surviving at each age. A survivor curve represents the percentage of property remaining in service at various age intervals. The Iowa Curves are the result of an extensive investigation of life characteristics of physical property made at Iowa State College Engineering Experiment Station in the first half of the prior century. Through common usage, revalidation, and regulatory acceptance, these curves have become a descriptive standard for the life characteristics of industrial property. An example of an Iowa Curve is shown below.



There are four families in the Iowa Curves that are distinguished by the relation of the age at the retirement mode (largest annual retirement frequency) and the average life. For distributions with the mode age greater than the average life, an "R" designation (i.e., Right modal) is used. The family of “R” moded curves is shown below.



Similarly, an "S" designation (i.e., Symmetric modal) is used for the family whose mode age is symmetric about the average life. An "L" designation (i.e., Left modal) is used for the family whose mode age is less than the average life. A special case of left modal dispersion is the "O" or origin modal curve family. Within each curve family, numerical designations are used to describe the relative magnitude of the retirement frequencies at the mode. A "6" indicates that the retirements are not greatly dispersed from the mode (i.e., high mode frequency) while a "1" indicates a large dispersion about the mode (i.e., low mode frequency). For example, a curve with an average life of 30 years and an "L3" dispersion is a moderately dispersed, left modal curve that can be designated as a 30 L3 Curve. An SQ, or square, survivor curve occurs where no dispersion is present (i.e., units of common age retire simultaneously).

Most property groups can be closely fitted to one Iowa Curve with a unique average service life. The blending of judgment concerning current conditions and future trends along with the matching of historical data permits the depreciation analyst to make an informed selection of an account's average life and retirement dispersion pattern.

Actuarial Analysis

Actuarial analysis (retirement rate method) was used in evaluating historical asset retirement experience where vintage data were available and sufficient retirement activity was present. In actuarial analysis, interval exposures (total property subject to retirement at the beginning of the age interval, regardless of vintage) and age interval retirements are calculated. The complement of the ratio of interval retirements to interval exposures establishes a survivor ratio. The survivor ratio is the fraction of property surviving to the end of the selected age interval, given that it has survived to the beginning of that age interval. Survivor ratios for all of the available age intervals were chained by successive multiplications to establish a series of survivor factors, collectively known as an observed life table. The observed life table shows the experienced mortality characteristic of the account and may be compared to standard mortality curves such as the Iowa Curves. Where data were available, accounts were analyzed using this method. Placement bands were used to illustrate the composite history over a specific era, and experience bands were used to focus on retirement history for all vintages during a set period. The results from these analyses for those accounts that had data sufficient to be analyzed using this method are shown in the Life Analysis section of this report.

Judgment

Any depreciation study requires informed judgment by the analyst conducting the study. A knowledge of the property being studied, company policies and procedures, general trends in technology and industry practice, and a sound basis of understanding depreciation theory are needed to apply this informed judgment. Judgment was used in areas such as survivor curve modeling and selection, depreciation method selection, simulated plant record method analysis, and actuarial analysis.

Judgment is not defined as being used in cases where there are specific, significant pieces of information that influence the choice of a life or curve. Those cases would simply reflect specific facts into the analysis. Where there are multiple factors, activities, actions, property characteristics, statistical inconsistencies, implications of applying certain curves, property mix in accounts, or a multitude of other considerations that impact the analysis (potentially in various directions), judgment is used to take all of these factors and synthesize them into a general direction or understanding of the characteristics of the property. Individually, no one factor in these cases may have a substantial impact on the analysis, but overall, may shed light on the utilization and characteristics of assets. Judgment may also be defined as deduction, inference, wisdom, common sense, or the ability to make sensible decisions. There is no single correct result from statistical analysis; hence, there is no answer absent judgment. At the very least, for example, any analysis requires choosing which bands to place more emphasis.

The establishment of appropriate average service lives and retirement dispersions for COKS General Office's accounts requires judgment to incorporate the understanding of the operation of the system with the available accounting information analyzed using the Retirement Rate actuarial methods. The appropriateness of lives and curves depends not only on statistical analyses, but also on how well future retirement patterns will match past retirements.

Current applications and trends in use of the equipment also need to be factored into life and survivor curve choices in order for appropriate mortality characteristics to be chosen.

Equal Life Group Depreciation

Atmos agreed that the continued use of the ELG depreciation procedure was appropriate. This study uses the ELG depreciation procedure to group the assets within each account. After an average service life and dispersion were selected for each account, these parameters were used to estimate what portion of the surviving investment of each vintage was expected to retire. The depreciation of the group continues until all investment in the vintage group is retired. ELG groups are defined by their respective account dispersion, life, and net salvage estimates. A straight-line rate for each ELG group is computed and accumulated across each vintage. The resulting rate for each ELG group is designed to recover all retirements less net salvage as each vintage retires. The ELG procedure recovers net book cost over the life of each ELG group rather than averaging many components. It also closely matches the concept of component or item accounting found in almost all accounting textbooks.

Theoretical Depreciation Reserve

The Company's book depreciation reserves were reallocated based on the theoretical reserves for each account. This study used a reserve model that relied on a prospective concept relating future retirement and accrual patterns for property, given current life and salvage estimates. The theoretical reserve of a group is developed from the estimated remaining life, total life of the property group, and estimated net salvage. The theoretical reserve represents the portion of the group cost that would have been accrued if current forecasts were used throughout the life of the group for future depreciation accruals. The computation involves multiplying the vintage balances within the group by the theoretical

reserve ratio for each vintage. The equal life group method requires an estimate of dispersion and service life to establish how much of each vintage is expected to be retired in each year until all property within the vintage is retired. Estimated average service lives and dispersion determine the amount within each equal life group. The equal life group-remaining-life theoretical reserve ratio (RRELG) is calculated as:

$$RRELG = 1 - \frac{(ELG\ Remaining\ Life)}{(ELG\ Life)} * (1 - Net\ Salvage\ Ratio)$$

DETAILED DISCUSSION

Depreciation Study Process

This depreciation study encompassed four distinct phases. The first phase involved data collection and field interviews. The second phase was where the initial data analysis occurred. The third phase was where the information and analysis were evaluated. Once the first three stages were complete, the fourth phase began. This phase involved the calculation of deprecation rates and documentation of the corresponding recommendations.

During the Phase 1 data collection process, historical data were compiled from continuing property records and general ledger systems. Data were validated for accuracy by extracting and comparing to multiple financial system sources. Audit of this data was validated against historical data from prior periods, historical general ledger sources, and field personnel discussions. This data was reviewed extensively to put in the proper format for a depreciation study. Further discussion on data review and adjustment is found in the Salvage Considerations Section of this study. Also, as part of the Phase 1 data collection process, numerous discussions were conducted with Company engineers and field operations personnel to obtain information that would assist in formulating life and salvage recommendations in this study. One of the most important elements of performing a proper depreciation study is to understand how the Company uses assets and the environment of those assets. Interviews with engineering and operations personnel are important tools that allow the analyst to obtain information that is beneficial when evaluating the output from the life and net salvage programs in relation to the Company's actual asset utilization and environment. Information that was gleaned from these discussions is found both in the Detailed Discussion of this study in the life analysis and salvage analysis sections and also in workpapers.

Phase 2 is where the actuarial analysis is performed. Phases 2 and 3 overlap to a significant degree. The detailed property records information is used in Phase 2 to develop observed life tables for life analysis. These tables are visually compared to industry standard tables to determine historical life characteristics. It is possible that the analyst would cycle back to this phase based on the evaluation process performed in Phase 3. Net salvage analysis consists of compiling historical salvage and removal data by functional group to determine values and trends in gross salvage and removal cost. This information was then carried forward into Phase 3 for the evaluation process.

Phase 3 is the evaluation process, which synthesizes analysis, interviews, and operational characteristics into a final selection of asset lives and net salvage parameters. The historical analysis from Phase 2 is further enhanced by the incorporation of recent or future changes in the characteristics or operations of assets that were revealed in Phase 1. Phases 2 and 3 allow the depreciation analyst to validate the asset characteristics as seen in the accounting transactions with actual Company operational experience.

Finally, Phase 4 involved the calculation of accrual rates, making recommendations, and documenting the conclusions in a final report. The calculation of accrual rates is found in Appendix B. Recommendations for the various accounts are contained within the Detailed Discussion of this report. The depreciation study flow diagram shown as Figure 1[1] documents the steps used in conducting this study. Depreciation Systems, page 289, documents the same basic processes in performing a depreciation study, which are: statistical analyses, evaluation of statistical analysis, discussions with management, forecast assumptions, write logic supporting forecasts and estimation, and write final report.

[1] Public Utility Finance & Accounting, A Reader.

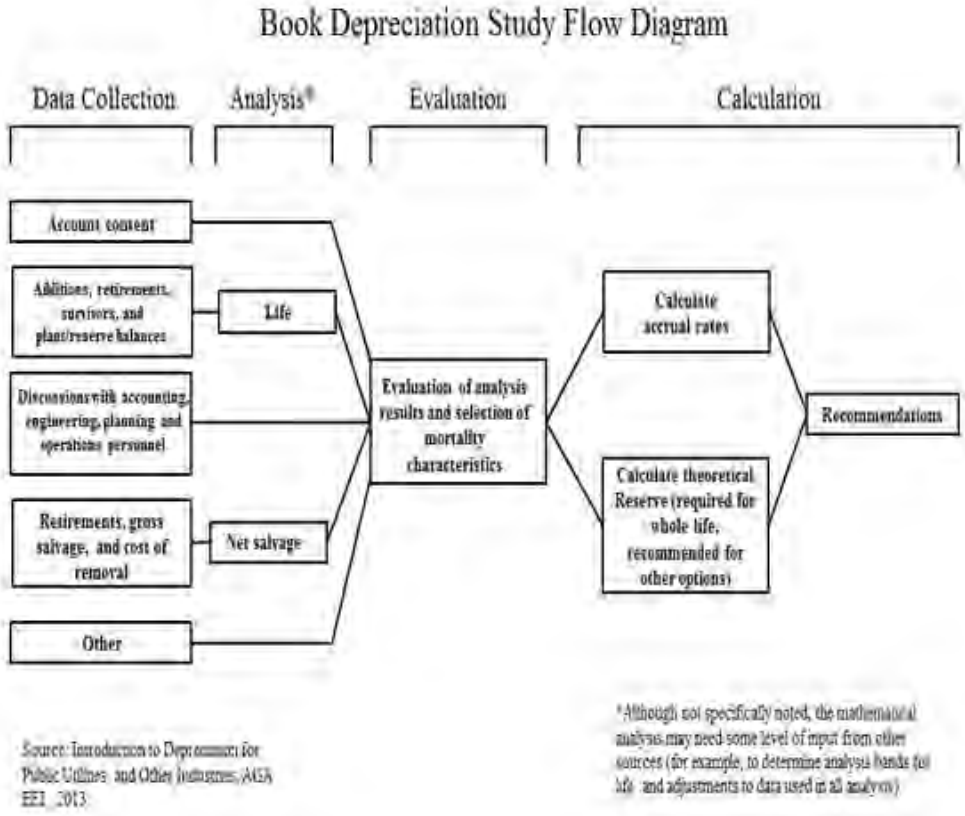


Figure 1

ATMOS COKS GENERAL OFFICE DEPRECIATION STUDY PROCESS

Depreciation Rate Calculation

Annual depreciation expense amounts for the depreciable property accounts of COKS General Office were calculated by the straight line, ELG, and remaining-life system. After an average service life and dispersion were selected for each account, those parameters were used to estimate what portion of the surviving investment of each vintage was expected to retire. The depreciation of the group continues until all investment in the vintage group is retired. ELG groups are defined by its account dispersion, life, and net salvage estimates. A straight-line rate for each ELG group is computed and accumulated across each vintage. The rate for each ELG group is designed to recover all retirements less net salvage as each vintage retires. The ELG procedure recovers net book cost over the life of each ELG group rather than averaging many components. It closely matches the concept of component or item accounting found in accounting textbooks. These calculations are shown in Appendix B.

Remaining Life Calculation

The establishment of appropriate average service lives and dispersions for each account, within a functional group, was based on judgment that incorporated available accounting information analyzed using the actuarial method. After establishment of appropriate average service lives and retirement dispersions, remaining lives were computed for each account. The theoretical depreciation reserve with zero net salvage (used in calculating remaining life) was calculated using theoretical reserve ratios, as defined in the general discussion section. The difference between plant balance and theoretical reserve was then spread over the ELG depreciation accruals. After accumulating the ELG accruals across each vintage, the annual accrual was divided into the net balance to compute remaining life. Details of the theoretical reserve computations, ELG accruals, and remaining life are found by account within each division in the study workpapers.

Calculation Process

Annual depreciation expense amounts for all accounts were calculated by the straight line, remaining life procedure.

In a whole life representation, the annual accrual rate is computed by the following equation,

$$\text{Annual Accrual Rate} = \frac{(100\% - \text{Net Salvage Percent})}{\text{Average Service Life}}$$

Use of the remaining life depreciation system adds a self-correcting mechanism, which accounts for any differences between theoretical and book depreciation reserve over the remaining life of the group. With the straight line, remaining life, equal life group system using Iowa Curves, composite remaining lives were calculated according to standard equal life group expectancy techniques, noted in the formula below:

$$\text{Composite Remaining Life} = \frac{\sum \text{Original Cost} - \text{Theoretical Reserve}}{\sum \text{Whole Life Annual Accrual}}$$

For each plant account, the difference between the surviving investment, adjusted for estimated net salvage, and the allocated book depreciation reserve, was divided by the composite remaining life to yield the annual depreciation expense as noted in this equation where the net salvage percent represents future net salvage.

$$\text{Annual Depreciation Expense} = \frac{\text{Original Cost} - \text{Book Reserve} - (\text{Original Cost}) * (1 - \text{Net Salvage \%})}{\text{Composite Remaining Life}}$$

Within a group, the sum of the group annual depreciation expense amounts, as a percentage of the depreciable original cost investment summed, gives the annual depreciation rate as shown below:

$$\text{Annual Depreciation Rate} = \frac{\sum \text{Annual Depreciation Expense}}{\sum \text{Original Cost}}$$

These calculations are shown in Appendix B. The calculations of the

theoretical depreciation reserve values and the corresponding remaining life calculations are shown in workpapers. Book depreciation reserves were allocated to individual accounts and the theoretical reserve computation was used to compute a composite remaining life for each account.

LIFE AND NET SALVAGE

The actuarial life analysis method was applied to all accounts for COKS General Office where sufficient data exists. For each account, an actuarial analysis was made with placement and experience bands of varying width. The historical observed life table was plotted and compared with various Iowa Curves to obtain the most appropriate match. A selected curve for each account is shown in the Life Analysis Section of this report. The observed life tables for all analyzed placement and experience bands are provided in workpapers.

For the overall band (i.e., placement from earliest vintage year, which varied for each account, through 2024) for each account, various dispersion curves were plotted. Frequently, visual matching would confirm one specific dispersion pattern (e.g., L, S, or R) as a better match than others. The next step would be to determine the most appropriate life using that dispersion pattern. Then, after looking at the overall experience band, different experience bands were plotted and analyzed, for instance 2000-2024, 2005-2024, etc. Next, placement bands of varying width were plotted with each experience band discussed above. Repeated matching usually pointed to a focus on one dispersion family and small range of service lives. The goal of visual matching was to minimize the differential between the observed life table and Iowa Curve in top and mid-range of the plots. These results are used in conjunction with all other factors that may influence asset lives.

NET SALVAGE CONSIDERATIONS

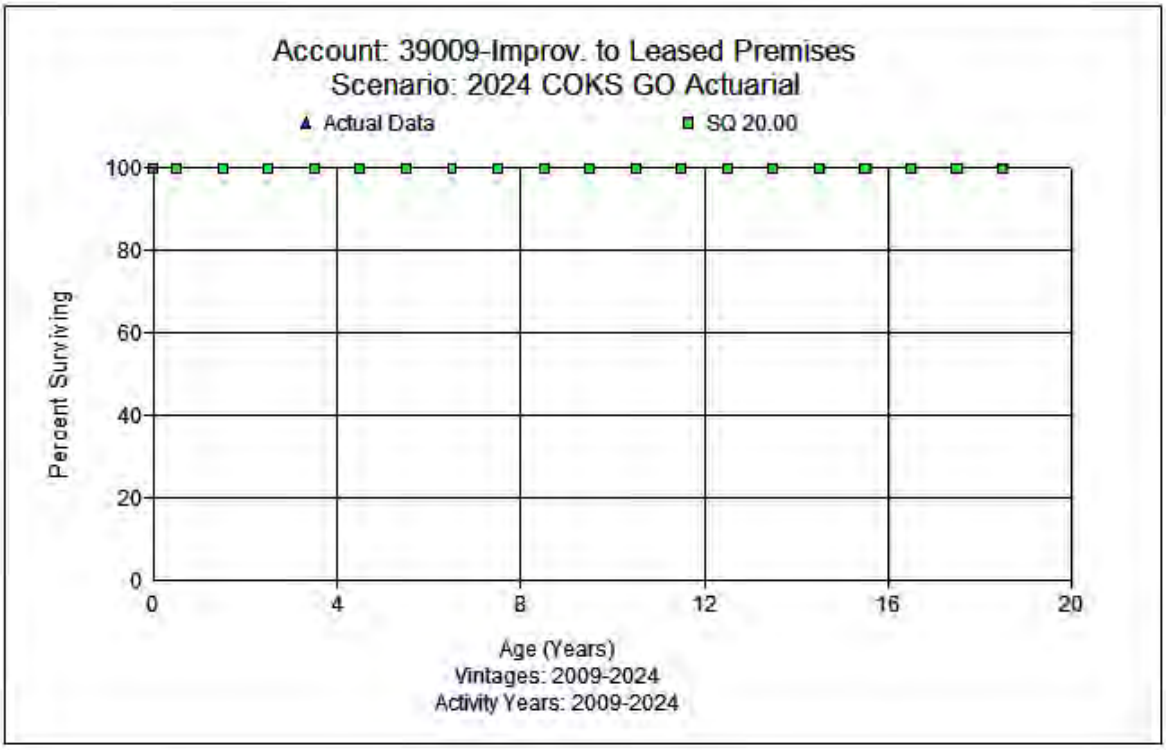
When a capital asset is retired, physically removed from service, and finally disposed of, terminal retirement is said to have occurred. The residual value of a terminal retirement is called gross salvage. Net salvage is the difference between the gross salvage (what the asset was sold for) and the removal cost (cost to remove and dispose of the asset).

The net salvage analysis for each account is shown in Appendix D. Moving averages for intervals are also included in Appendix D. The assets of COKS General Office historically do not incur cost of removal, and salvage has declined over the years. In this study a zero percent net salvage is recommended for each account.

ACCOUNT LIFE AND NET SALVAGE ANALYSIS

39009 – Improvements to Leased Premises (20 SQ)

This account includes the cost of improvements to leased premises. The balance is $283 thousand. The current life and curve are 20 SQ. Assets in this account are tied to the lease term, which has a renewal option. The Company has already renewed the lease once. Renewal options remain a consideration. Due to the remaining time on the current lease term and expectations of renewal, it is reasonable to retain the 20 years and retain the SQ curve. The 20 SQ dispersion pattern is recommended. A representative graph of the life of the account is shown in the curve below.



Retention of the existing zero percent net salvage is recommended for this account.

39100 & 39103 – Office Furniture, Equipment & Office Machines (20 R1.5)

These accounts consist of modular furniture, desks, chairs, bookcases, credenzas, file cabinets, office machines, and other miscellaneous equipment. The balance is $450 thousand. The current life and curve are 20 R1.5.

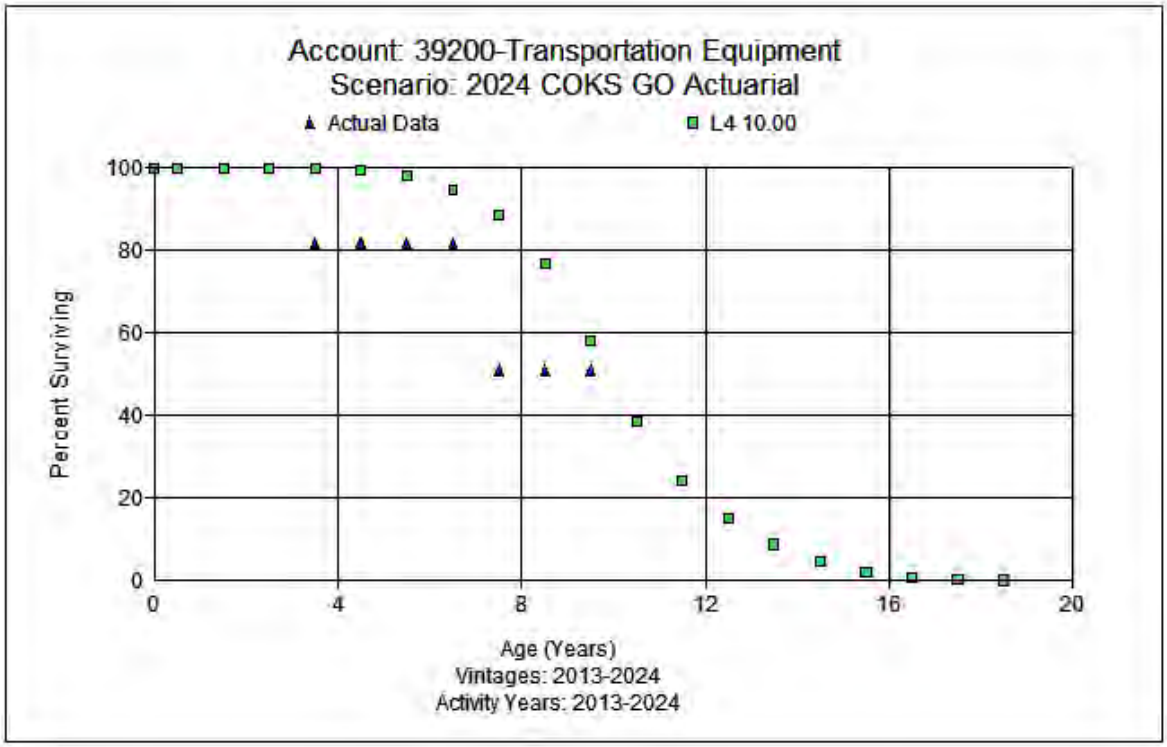
An expected life range for the assets in these accounts is generally 10 to 25 years. The life analysis indicates a shorter life and steeper dispersion. However, discussions with Company personnel indicated its expectation for furniture and equipment is 15-20 years. This study recommends retaining the 20 R1.5. A graph of the observed life table and the recommended life and curve are shown below.

Retention of the existing zero percent net salvage is recommended for these accounts.

39200 – Transportation Equipment (10 L4)

This account generally consists of transportation assets. Vehicles are currently leased, but there is a drive cam unit that is recorded in this account. The balance is approximately $9 thousand in this account. The existing life and curve are 10 L4.

Discussions with Company personnel indicated nearly all transportation assets are currently leased, and they plan to continue that approach. There is limited activity, but based on the age, type of assets, and discussions with Company personnel, this study recommends retaining the 10 L4 at this time. A graph of the observed life table and the recommended life and curve are shown below.

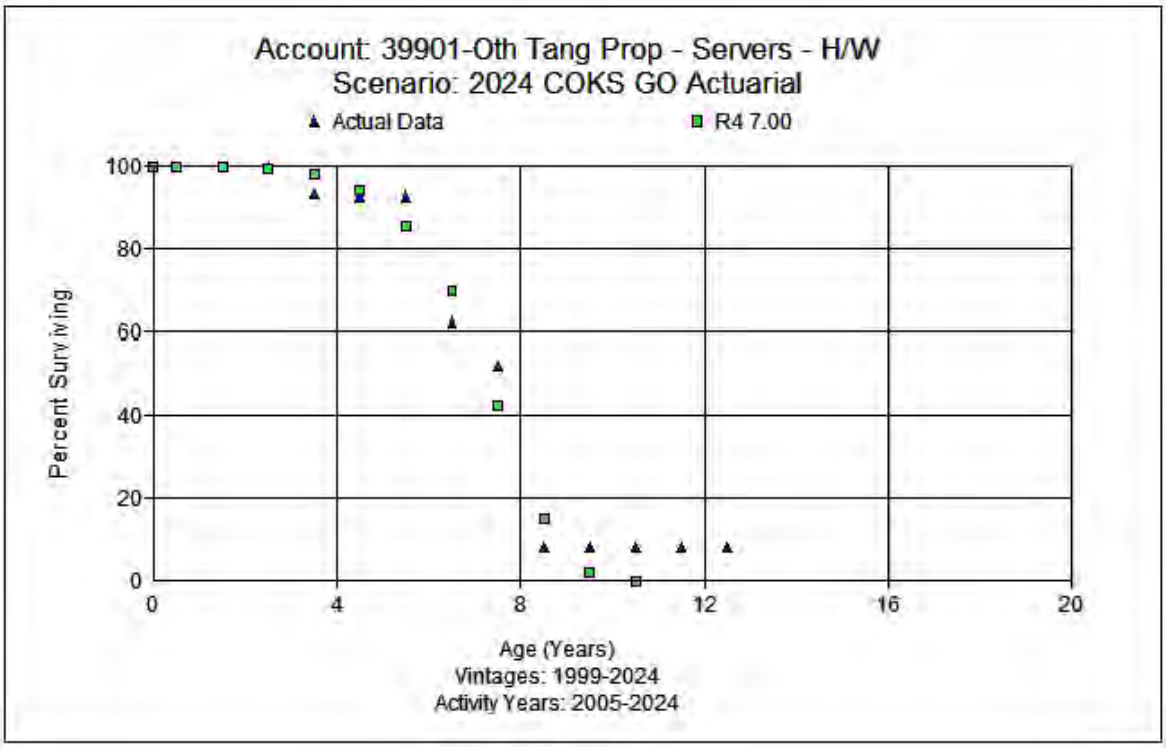


The asset is not a vehicle and is not expected to have any salvage. This study recommends retention of the zero percent net salvage for this account.

Account 39901 – Servers Hardware (7 R4)

This account consists of assets various server hardware and equipment. The balance is approximately $39 thousand. The current life and curve are 7 R4.

Discussions with Company personnel indicated that the existing life is consistent with current expectations. The study recommends retention of the existing 7 R4 for this account. A graph of the observed life table and the recommended life and curve are shown below.

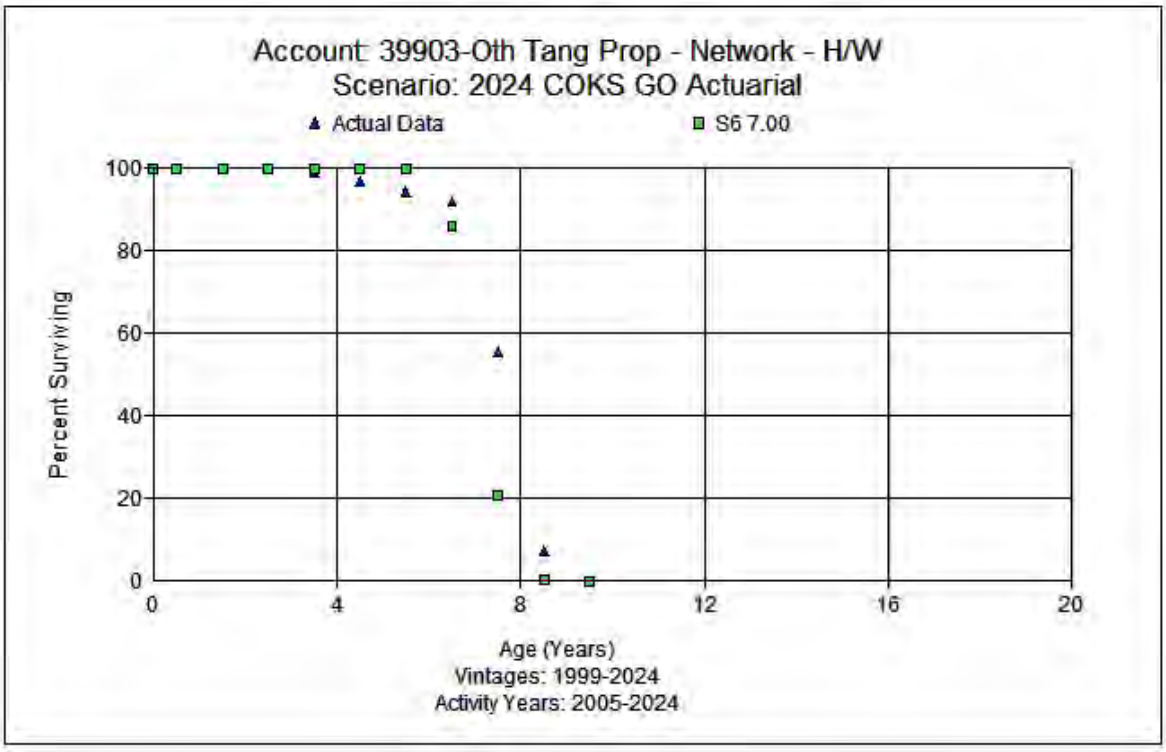


No salvage or cost of removal has been recorded and none is expected. The existing zero percent net salvage rate is retained for this account.

Account 39903 – Network Hardware (7 S6)

This account consists of assets related to networking activities such as routers, switches, and miscellaneous networking equipment. The balance is $81 thousand. The current life is 7 S6.

Discussions with Company personnel indicated this equipment continues to experience the same life cycle. The fits are consistent with the existing 7 year life. Considering the discussions with Company personnel, the analysis indications, type of assets, and judgment, this study recommends retaining the 7 S6. A graph of the observed life table and the recommended life and curve are shown below.

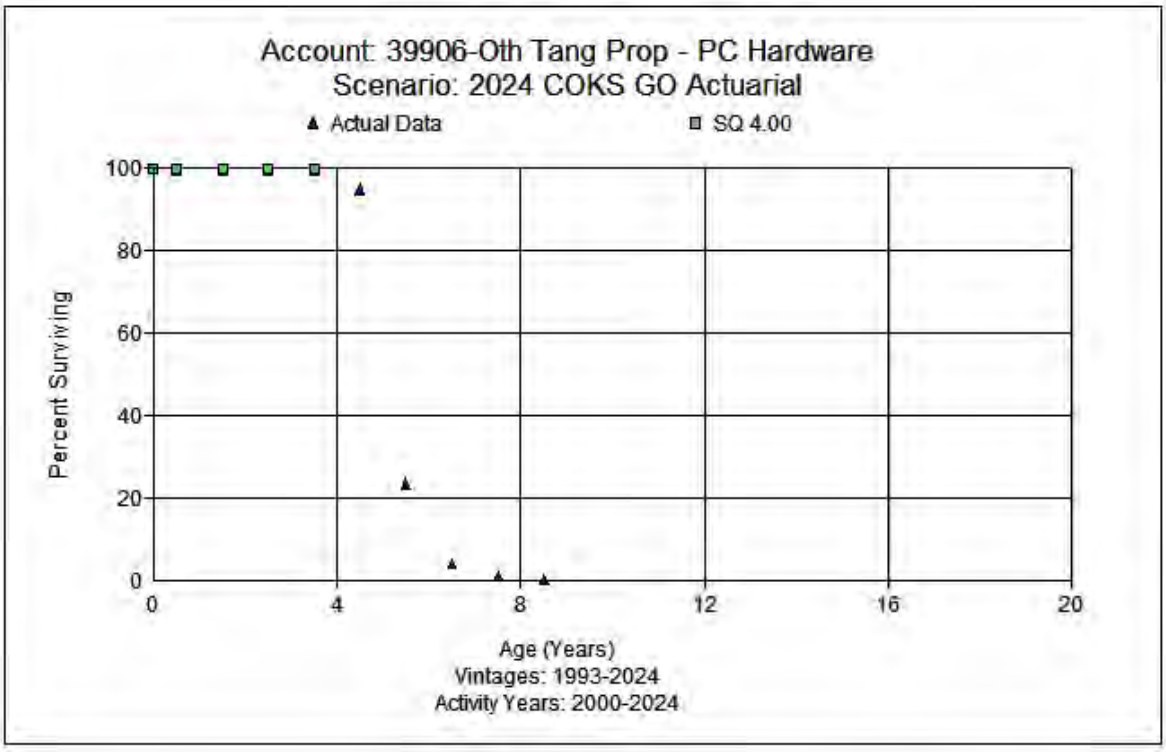


No salvage or cost of removal has been recorded and none is expected. The existing zero percent net salvage rate is retained for this account.

Account 39906 – PC Hardware (4 SQ)

This account consists of costs for computer hardware, desktop and laptop computers, monitors, and printers. The balance is $97 thousand. The existing life is 4 SQ.

Discussions with Company personnel indicated that the COKS General Office assets should be consistent with a 4 year refresh cycle but there can be some PCs that are held longer and used as a spare when needed. Based on the discussions with Company personnel, analysis and judgment, this study recommends retaining the 4 SQ. A graph of the observed life table and the recommended life and curve are shown below.

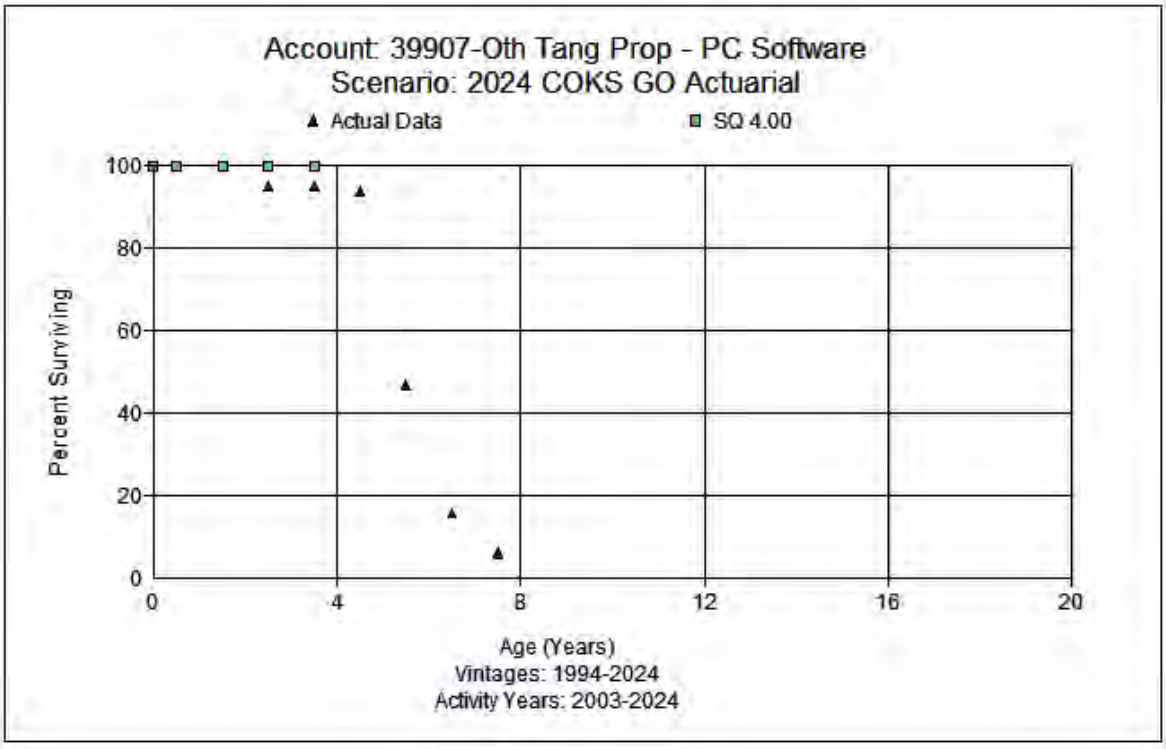


This study recommends retention of the existing zero percent net salvage rate for this account.

Account 39907 – PC Software (4 SQ)

The PC software account holds investment for software assets including operating system software such as Windows, Microsoft Office, and other related application software. The balance is $42 thousand. The existing life and dispersion are 4 SQ.

Discussions with Company personnel indicated that, in the past, software was maintained longer, but it now follows the hardware refresh cycle. Some engineering and tech software is loaded with new computer equipment and the software license is often upgraded on an annual basis. The analysis indicates a slightly longer life than what is expected going forward. Based on the type of assets, its link to hardware, and judgment, this study recommends retaining the 4 SQ life and dispersion.



This study recommends retention of the existing zero percent net salvage rate for this account.

APPENDIX A Comparison of Annual Rate and Accrual

Atmos Energy - Colorado Kansas General Office
Depreciation Study as of September 30, 2024
Comparison of Annual Depreciation Rates and Accruals - ELG

			Existing Accrual		Proposed Accrual		Change in
Account	Description	Plant Balance	Rate %	Amount $	Rate %	Amount $	Depreciation Expense
(a)	(b)	(c)	(d)	(e)	(f)	(g)	[h]
39009	Improvements to Leased Premises	$ 283,026	3.54%	$ 10,019	2.15%	$ 6,085	$ (3,934)
39100	Office Furniture and Equipment	450,254	3.65%	16,434	3.30%	14,858	(1,576)
39200	Transportation Equipment	8,611	3.94%	339	10.11%	871	531
39901	Servers Hardware	38,760	5.85%	2,267	10.22%	3,961	1,694
39903	Network Hardware	80,784	10.61%	8,571	12.89%	10,413	1,842
39906	PC Hardware	96,719	20.50%	19,827	7.21%	6,973	(12,854)
39907	PC Software	41,745	24.14%	10,077	18.34%	7,656	(2,421)
	Total Depreciable Plant in Study	**$ 999,898**	**6.75%**	**$ 67,536**	**5.08%**	**$ 50,818**	**$ (16,718)**

Note: Accounts below have zero balance. Recommend the following whole life (1-NS%/ASL) rates for new additions.

39400	Tools, Shop and Garage Equipment	10.00%
39500	Laboratory Equipment	10.00%
39700	Communication Equipment	8.33%
39800	Miscellaneous Equipment	12.50%

APPENDIX B Annual Accrual Rate Calculations

Atmos Energy - Colorado Kansas General Office
Depreciation Study as of September 30, 2024
Calculation of Depreciation Accrual Remaining Life - ELG
With Reserve Reallocation

Account	Description	Plant Balance	Allocated Book Reserve	Net Salvage %	Net Salvage Amount	Unaccrued Balance	Composite Remaining Life	Annual Accrual Amount $	Annual Accrual Rate %
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
39009	Improvements to Leased Premises	$ 283,026	$ 245,761	0%	$ -	$ 37,265	6.13	$ 6,076	2.15%
39100	Office Furniture and Equipment All	450,254	310,983	0%	-	139,270	9.37	14,869	3.30%
39200	Transportation Equipment	8,611	1,717	0%	-	6,894	7.92	870	10.11%
39901	Servers Hardware	38,760	37,227	0%	-	1,533	0.39	3,962	10.22%
39903	Network Hardware	80,784	50,426	0%	-	30,358	2.92	10,409	12.89%
39906	PC Hardware	96,719	93,230	0%	-	3,489	0.50	6,978	7.21%
39907	PC Software	41,745	18,481	0%	-	23,264	3.04	7,658	18.34%
	Total Depreciable Plant	**$ 999,898**	**$ 757,824**		**$ -**	**$ 242,074**		**$ 50,821**	**5.08%**

Note: Accounts below have zero balance. Recommend the following whole life (1-NS%/ASL) rates for new additions.

39400	Tools, Shop and Garage Equipment	10.00%
39500	Laboratory Equipment	10.00%
39700	Communication Equipment	8.33%
39800	Miscellaneous Equipment	12.50%

APPENDIX C Comparison of Mortality Characteristics

Atmos Energy - Colorado Kansas General Office
Depreciation Study as of September 30, 2024
Comparison of Parameters

Account	Description	Existing Parameters					Proposed Parameters				
		ASL	Curve	Salvage	COR	NS%	ASL	Curve	Salvage	COR	NS %
39009	Improvements to Leased Premises	20	SQ	0%	0%	0%	20	SQ	0%	0%	0%
39100	Office Furniture & Equipment	20	R1.5	0%	0%	0%	20	R1.5	0%	0%	0%
39103	Office Machines	20	R1.5	0%	0%	0%	20	R1.5	0%	0%	0%
39200	Transportation Equipment	10	L4	0%	0%	0%	10	L4	0%	0%	0%
39400	Tools, Shop, & Garage Equipment	10	S5	0%	0%	0%	10	S5	0%	0%	0%
39500	Laboratory Equipment	10	S5	0%	0%	0%	10	S5	0%	0%	0%
39700	Communication Equipment	12	S5	0%	0%	0%	12	S5	0%	0%	0%
39800	Miscellaneous Equipment	8	L5	0%	0%	0%	8	L5	0%	0%	0%
39901	Servers - Hardware	7	R4	0%	0%	0%	7	R4	0%	0%	0%
39902	Servers - Software	7	R4	0%	0%	0%	7	R4	0%	0%	0%
39903	Network - Hardware	7	S6	0%	0%	0%	7	S6	0%	0%	0%
39906	PC Hardware	4	SQ	0%	0%	0%	4	SQ	0%	0%	0%
39907	PC Software	4	SQ	0%	0%	0%	4	SQ	0%	0%	0%

APPENDIX D Net Salvage Analysis

Atmos Colorado Kansas General Office
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	Year	Retirements	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39100	2000	331,706	0	0	0	0.00%									
39100	2001	0	0	0	0	NA	0.00%								
39100	2002	0	0	0	0	NA	NA	0.00%							
39100	2003	18,738	0	0	0	0.00%	0.00%	0.00%	0.00%						
39100	2004	2,035	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%					
39100	2005	135,792	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
39100	2006	50,507	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39100	2007		0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39100	2008	106,287	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39100	2009	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2010	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2011	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2012	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2013	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39100	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39100	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39100	2017	5,169	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2018	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2019	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2020	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2021	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2022	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39100	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39100	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39200	2015	0	0	0	0	NA									
39200	2016	0	0	0	0	NA	NA								
39200	2017	0	0	0	0	NA	NA	NA							
39200	2018	0	0	0	0	NA	NA	NA	NA						
39200	2019	2,142	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%					
39200	2020	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				
39200	2021	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
39200	2022	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%		
39200	2023	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	
39200	2024	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%

Atmos Colorado Kansas General Office
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	Year	Retirements	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39400	2000	0	0	0	0	NA									
39400	2001	0	0	0	0	NA	NA								
39400	2002	0	0	0	0	NA	NA	NA							
39400	2003	0	0	0	0	NA	NA	NA	NA						
39400	2004	0	0	0	0	NA	NA	NA	NA	NA					
39400	2005	0	0	0	0	NA	NA	NA	NA	NA	NA				
39400	2006	14,990	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39400	2007	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39400	2008	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39400	2009	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2010	20,541	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2011	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2012	186,620	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2013	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2014	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2015	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2016	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2017	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39400	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39400	2020	68,988	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2021	4,069	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2022	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2023	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39400	2024	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2000	14,051	0	0	0	0.00%									
39700	2001	2,136	0	0	0	0.00%	0.00%								
39700	2002	0	0	0	0	NA	0.00%	0.00%							
39700	2003	0	0	0	0	NA	NA	0.00%	0.00%						
39700	2004	0	0	0	0	NA	NA	NA	0.00%	0.00%					
39700	2005	75,677	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
39700	2006	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39700	2007	391,995	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39700	2008	0	0	1,209	(1,209)	NA	-0.31%	-0.31%	-0.26%	-0.26%	-0.26%	-0.26%	-0.26%	-0.25%	
39700	2009	248,392	0	0	0	0.00%	-0.49%	-0.19%	-0.19%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%
39700	2010	0	0	0	0	NA	0.00%	-0.49%	-0.19%	-0.19%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%
39700	2011	16,713	0	0	0	0.00%	0.00%	0.00%	-0.46%	-0.18%	-0.18%	-0.17%	-0.17%	-0.17%	-0.17%

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39700	2012	41,498	0	0	0	0.00%	0.00%	0.00%	0.00%	-0.39%	-0.17%	-0.17%	-0.16%	-0.16%	-0.16%
39700	2013	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	-0.39%	-0.17%	-0.17%	-0.16%	-0.16%
39700	2014	11,586	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.38%	-0.17%	-0.17%	-0.15%
39700	2015	97,099	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.29%	-0.15%	-0.15%
39700	2016	61,116	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.25%	-0.14%
39700	2017	14,895	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.25%
39700	2018	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2019	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2020	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2021	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2022	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39700	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39700	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39800	2000	0	0	0	0	NA									
39800	2001	0	0	0	0	NA	NA								
39800	2002	0	0	0	0	NA	NA	NA							
39800	2003	0	0	0	0	NA	NA	NA	NA						
39800	2004	0	0	0	0	NA	NA	NA	NA	NA					
39800	2005	53,964	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
39800	2006	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39800	2007	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39800	2008	48,943	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39800	2009	19,774	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2010	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2011	242,386	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2012	137,217	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2013	43,136	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2014	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2015	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2016	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2017	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2018	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39800	2020	40,575	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2021	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2022	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2023	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39800	2024	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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39901	2000	0	0	0	0	NA									
39901	2001	0	0	0	0	NA	NA								
39901	2002	0	0	0	0	NA	NA	NA							
39901	2003	0	0	0	0	NA	NA	NA	NA						
39901	2004	0	0	0	0	NA	NA	NA	NA	NA					
39901	2005	120,692	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
39901	2006	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39901	2007	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39901	2008	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39901	2009	96,220	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2010	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2011	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2012	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2013	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2014	12,094	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2015	50,298	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2016	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2017	272,055	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2018	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2019	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2020	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2021	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2022	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39901	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39901	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39902	2000	0	0	0	0	NA									
39902	2001	0	0	0	0	NA	NA								
39902	2002	0	0	0	0	NA	NA	NA							
39902	2003	0	0	0	0	NA	NA	NA	NA						
39902	2004	0	0	0	0	NA	NA	NA	NA	NA					
39902	2005	13,400	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
39902	2006	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39902	2007	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39902	2008	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

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39902	2009	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2010	0	0	0	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39902	2011	0	0	0	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39902	2012	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
39902	2013	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
39902	2014	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
39902	2015	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2016	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2017	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2018	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2019	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2020	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2021	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2022	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2023	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39902	2024	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39903	2000	0	0	0	0	NA									
39903	2001	0	0	0	0	NA	NA								
39903	2002	0	0	0	0	NA	NA	NA							
39903	2003	0	0	0	0	NA	NA	NA	NA						
39903	2004	0	0	0	0	NA	NA	NA	NA	NA					
39903	2005	0	0	0	0	NA	NA	NA	NA	NA	NA				
39903	2006	0	0	0	0	NA	NA	NA	NA	NA	NA	NA			
39903	2007	463,486	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39903	2008	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39903	2009	9,641	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2010	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2011	9,587	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2012	16,174	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2013	26,414	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2014	15,369	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2015	312,821	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2016	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2017	18,201	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2018	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2019	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2020	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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39903	2021	16,063	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2022	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2023	16,063	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39903	2024	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2000	0	0	0	0	NA									
39906	2001	9,904	0	0	0	0.00%	0.00%								
39906	2002	167,492	0	0	0	0.00%	0.00%	0.00%							
39906	2003	61,151	0	0	0	0.00%	0.00%	0.00%	0.00%						
39906	2004	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%					
39906	2005	124,538	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
39906	2006	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			
39906	2007	715,300	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39906	2008	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39906	2009	337,109	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2010	7,945	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2011	494,243	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2012	488,902	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2013	410,050	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2014	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2015	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2016	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2017	24,651	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2018	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2019	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2020	16,226	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2021	20,232	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2022	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2023	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39906	2024	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2000	0	0	0	0	NA									
39907	2001	0	0	0	0	NA	NA								
39907	2002	0	0	0	0	NA	NA	NA							
39907	2003	80,908	0	0	0	0.00%	0.00%	0.00%	0.00%						
39907	2004	14,837	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%					
39907	2005	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%				

Atmos Colorado Kansas General Office
Depreciation Study as of September 30, 2024
Net Salvage Analysis

Account	Year	Retirements	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39907	2006	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%			
39907	2007	8,248	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
39907	2008	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39907	2009	75,692	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2010	12,077	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2011	18,586	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2012	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2013	21,370	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2014	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2015	60,850	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2016	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2017	24,425	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2018	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2019	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2020	24,930	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2021	0	0	0	0	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2022	0	0	0	0	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2023	0	0	0	0	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39907	2024	0	0	0	0	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

ATMOS ENERGY CORPORATION

SHARED SERVICES UNIT

DEPRECIATION RATE STUDY

As of September 30, 2022

ALLIANCE CONSULTING GROUP

http://www.utilityalliance.com

ATMOS ENERGY CORPORATION - SHARED SERVICES UNIT
DEPRECIATION RATE STUDY
EXECUTIVE SUMMARY

Atmos Energy Corporation ("Atmos" or "Company") engaged Alliance Consulting Group to conduct a depreciation study of the Company's Shared Services Unit ("SSU" or "Shared Services") operations depreciable assets as of fiscal year end September 30, 2022. SSU provides support to Atmos' regulated utility divisions.

The regulated natural gas utility divisions during the year ended September 30, 2022 were:

- Atmos Colorado-Kansas Division
- Atmos Louisiana Division
- Atmos Kentucky Mid-States (Kentucky, Tennessee, and Virginia) Division
- Atmos Mississippi Division
- Atmos Mid-Tex Division
- Atmos West Texas Division
- Atmos Pipeline Texas Division

The depreciation rates are based on the straight-line method, equal life group ("ELG") procedure, and remaining-life technique. This study results in an annual depreciation expense accrual of $28.9 million when applied to depreciable plant balances as of September 30, 2022.

The depreciation study we conducted analyzed and developed depreciation recommendations at an account level. The resulting annual depreciation accrual amount and depreciation rates contained in this study are at the account level. The Company will accrue depreciation expense based on the account level depreciation rates developed in this study. Appendix A provides the annual depreciation expense. Appendix B provides the calculation of annual depreciation accrual expense and rates. Appendix C provides the proposed depreciation parameters. Appendix D provides the net salvage analysis.

ATMOS ENERGY CORPORATION
SHARED SERVICES UNIT
DEPRECIATION RATE STUDY
As of September 30, 2022
Table of Contents

PURPOSE

The purpose of this study is to develop depreciation rates for the depreciable property as recorded on Shared Services' books at September 30, 2022. The account based depreciation rates were designed to recover the total remaining undepreciated investment, adjusted for net salvage, over the remaining life of Shared Services' property on a straight-line basis. Non-depreciable property and property that is amortized, such as intangibles, were excluded from this study.

Shared Services is a division of Atmos Corporation dedicated to providing various support services to its operating companies. Shared Services consists of two Divisions, Division 02 – General Office and Division 12 – Customer Support. For purposes of this study, Division 02 and Division 12 were combined for analysis and rate calculations. As of the study date, Shared Services supported regulated gas utility divisions operating in eight different states.

STUDY RESULTS

The current study's annual depreciation expense results from the use of Iowa Curve dispersion patterns with average service lives over a straight-line basis as well as the equal life group ("ELG") procedure and remaining-life technique. Consideration was given to appropriate net salvage factors in the development of the study recommended depreciation rates. Detailed information for each of these factors will follow in this report.

Overall depreciation rates for Shared Services depreciable property are shown in Appendix A. These rates translate into an annual depreciation accrual of $28.9 million based on Shared Services' depreciable investment at September 30, 2022.

The recommended annual depreciation accrual rates and expense are shown in Appendix A. Appendix B presents the development of the depreciation rates and annual accruals. Appendix C presents the recommended study mortality and net salvage parameters by account. Appendix D shows net salvage history by plant account.

GENERAL DISCUSSION

Definition

The term "depreciation" as used in this study is considered in the accounting sense, that is, a system of accounting that distributes the cost of assets, less net salvage (if any), over the estimated useful life of the assets in a systematic and rational manner. It is a process of allocation, not valuation. This expense is systematically allocated to accounting periods over the life of the properties. The amount allocated to any one accounting period does not necessarily represent the loss or decrease in value that will occur during a particular period. The Company accrues depreciation based on original cost of all depreciable property included in each functional property group. On retirement the full cost of depreciable property, less the net salvage value, is charged to the depreciation reserve.

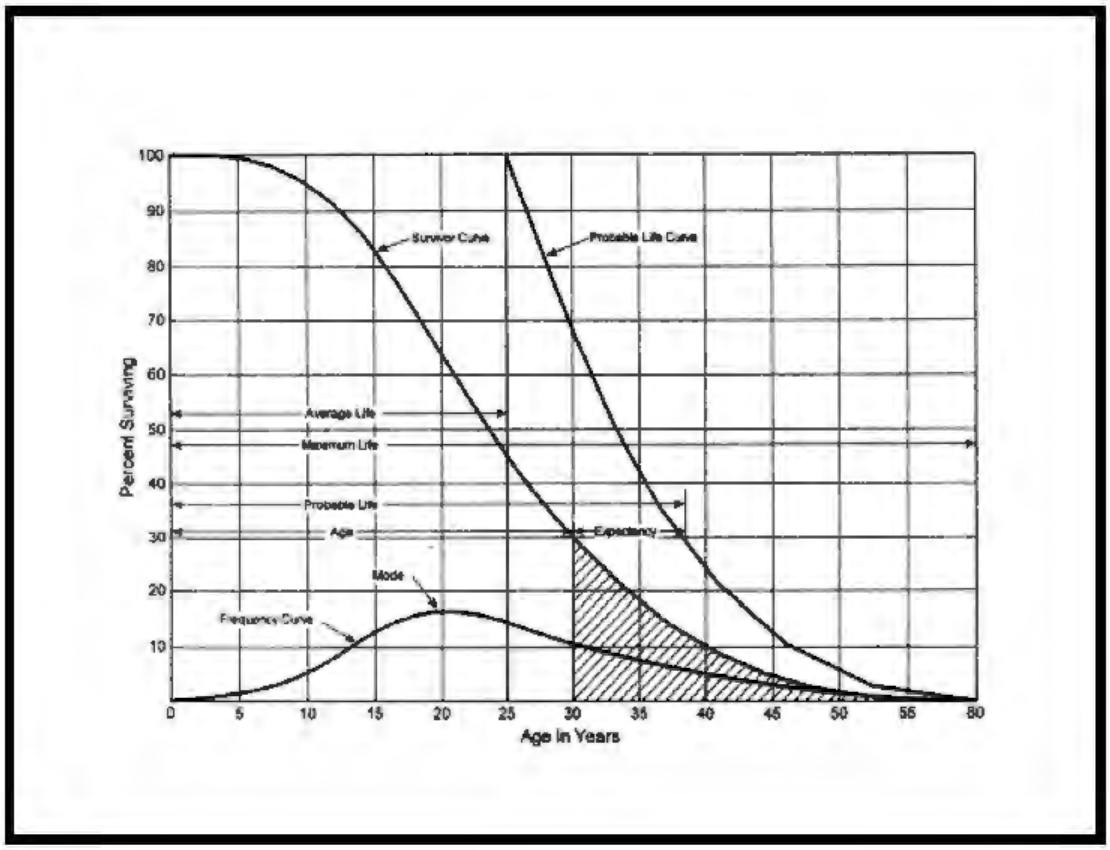
Basis of Depreciation Estimates

The straight-line, ELG, remaining-life depreciation system was employed to calculate annual and accrued depreciation in this study. In this system, the annual depreciation expense for each group is computed by dividing the original cost of the asset less allocated depreciation reserve less estimated net salvage by its respective equal life group remaining life. The resulting annual accrual amounts of all depreciable property within a function were accumulated, and the total was divided by the original cost of all functional depreciable property to determine the depreciation rate. The calculated remaining lives and annual depreciation accrual rates were based on attained ages of plant in service and the estimated service life and salvage characteristics of each depreciable group. The computations of the annual depreciation rates are shown in Appendix B and remaining life calculations are provided in the workpapers.

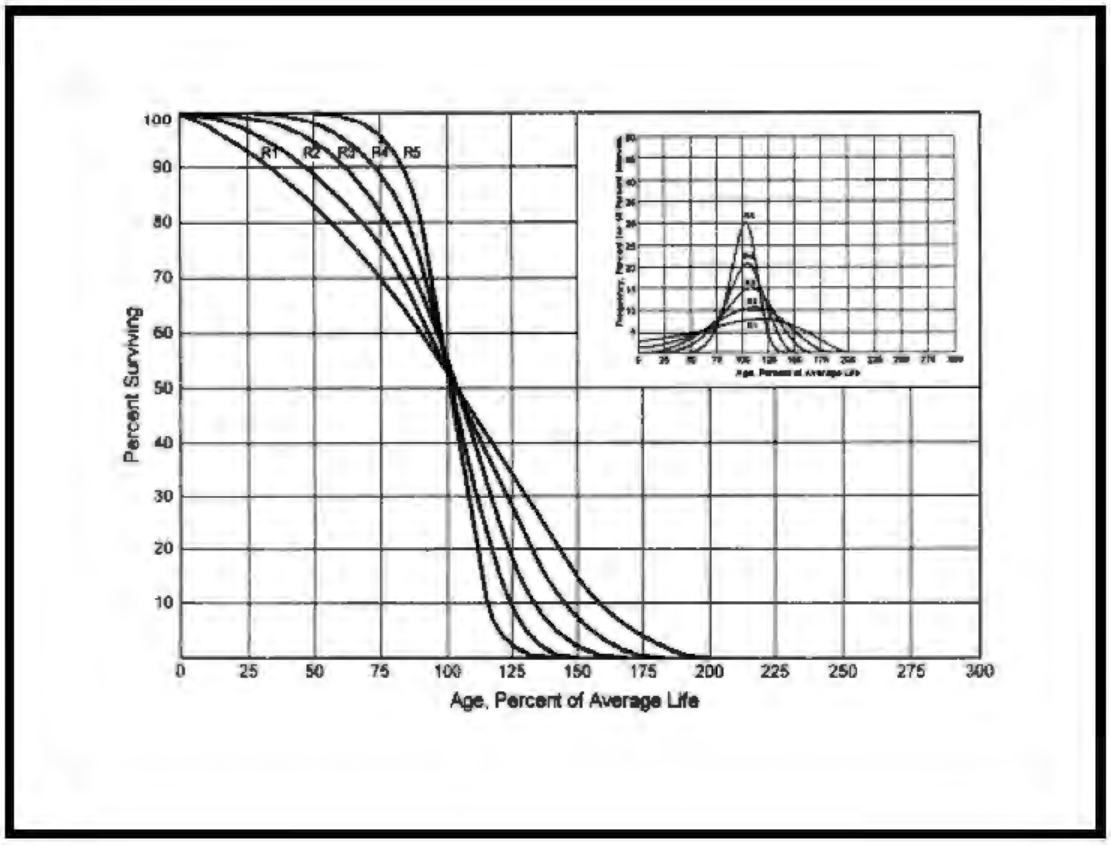
Actuarial analysis was used with each account within a function, where sufficient data was available, and judgment was used to some degree on all accounts.

Survivor Curves

To fully understand depreciation projections in a regulated utility setting, there must be a basic understanding of survivor curves. Individual property units within a group do not normally have identical lives or investment amounts. The average life of a group can be determined by first constructing a survivor curve which is plotted as a percentage of the units surviving at each age. A survivor curve represents the percentage of property remaining in service at various age intervals. The Iowa Curves are the result of an extensive investigation of life characteristics of physical property made at Iowa State College Engineering Experiment Station in the first half of the prior century. Through common usage, revalidation and regulatory acceptance, these curves have become a descriptive standard for the life characteristics of industrial property. An example of an Iowa Curve is shown below.



There are four families in the Iowa Curves that are distinguished by the relation of the age at the retirement mode (largest annual retirement frequency) and the average life. For distributions with the mode age greater than the average life, an "R" designation (i.e., Right modal) is used. The family of “R” moded curves is shown below.



Similarly, an "S" designation (i.e., Symmetric modal) is used for the family whose mode age is symmetric about the average life. An "L" designation (i.e., Left modal) is used for the family whose mode age is less than the average life. A special case of left modal dispersion is the "O" or origin modal curve family. Within each curve family, numerical designations are used to describe the relative magnitude of the retirement frequencies at the mode. A "6" indicates that the retirements are not greatly dispersed from the mode (i.e., high mode frequency) while a "1" indicates a large dispersion about the mode (i.e., low mode frequency). For example, a curve with an average life of 30 years and an

"L3" dispersion is a moderately dispersed, left modal curve that can be designated as a 30 L3 Curve. An SQ, or square, survivor curve occurs where no dispersion is present (i.e., units of common age retire simultaneously).

Most property groups can be closely fitted to one Iowa Curve with a unique average service life. The blending of judgment concerning current conditions and future trends along with the matching of historical data permits the depreciation analyst to make an informed selection of an account's average life and retirement dispersion pattern.

Actuarial Analysis

Actuarial analysis (retirement rate method) was used in evaluating historical asset retirement experience where vintage data were available and sufficient retirement activity was present. In actuarial analysis, interval exposures (total property subject to retirement at the beginning of the age interval, regardless of vintage) and age interval retirements are calculated. The complement of the ratio of interval retirements to interval exposures establishes a survivor ratio. The survivor ratio is the fraction of property surviving to the end of the selected age interval, given that it has survived to the beginning of that age interval. Survivor ratios for all of the available age intervals were chained by successive multiplications to establish a series of survivor factors, collectively known as an observed life table. The observed life table shows the experienced mortality characteristic of the account and may be compared to standard mortality curves such as the Iowa Curves. Where data was available, accounts were analyzed using this method. Placement bands were used to illustrate the composite history over a specific era, and experience bands were used to focus on retirement history for all vintages during a set period. The results from these analyses for those accounts which had data sufficient to be analyzed using this method are shown in the Life Analysis section of this report.

Judgment

Any depreciation study requires informed judgment by the analyst conducting the study. A knowledge of the property being studied, company policies and procedures, general trends in technology and industry practice, and a sound basis of understanding depreciation theory are needed to apply this informed judgment. Judgment was used in areas such as survivor curve modeling and selection, depreciation method selection, simulated plant record method analysis, and actuarial analysis.

Judgment is not defined as being used in cases where there are specific, significant pieces of information that influence the choice of a life or curve. Those cases would simply be a reflection of specific facts into the analysis. Where there are multiple factors, activities, actions, property characteristics, statistical inconsistencies, implications of applying certain curves, property mix in accounts or a multitude of other considerations that impact the analysis (potentially in various directions), judgment is used to take all of these factors and synthesize them into a general direction or understanding of the characteristics of the property. Individually, no one factor in these cases may have a substantial impact on the analysis, but overall, may shed light on the utilization and characteristics of assets. Judgment may also be defined as deduction, inference, wisdom, common sense, or the ability to make sensible decisions. There is no single correct result from statistical analysis; hence, there is no answer absent judgment. At the very least for example, any analysis requires choosing which bands to place more emphasis.

The establishment of appropriate average service lives and retirement dispersions for Shared Services' accounts requires judgment to incorporate the understanding of the operation of the system with the available accounting information analyzed using the Retirement Rate actuarial methods. The appropriateness of lives and curves depends not only on statistical analyses, but also on how well future retirement patterns will match past retirements.

Current applications and trends in use of the equipment also need to be factored into life and survivor curve choices in order for appropriate mortality characteristics to be chosen.

Equal Life Group Depreciation

Atmos agreed that the continued use of the ELG depreciation procedure was appropriate. This study uses the ELG depreciation procedure to group the assets within each account. After an average service life and dispersion were selected for each account, those parameters were used to estimate what portion of the surviving investment of each vintage was expected to retire. The depreciation of the group continues until all investment in the vintage group is retired. ELG groups are defined by their respective account dispersion, life, and net salvage estimates. A straight-line rate for each ELG group is computed and accumulated across each vintage. The resulting rate for each ELG group is designed to recover all retirements less net salvage as each vintage retires. The ELG procedure recovers net book cost over the life of each ELG group rather than averaging many components. It also closely matches the concept of component or item accounting found in all accounting textbooks.

Theoretical Depreciation Reserve

The Company's book depreciation reserves were reallocated based on the theoretical reserves for each account. This study used a reserve model that relied on a prospective concept relating future retirement and accrual patterns for property, given current life and salvage estimates. The theoretical reserve of a group is developed from the estimated remaining life, total life of the property group, and estimated net salvage. The theoretical reserve represents the portion of the group cost that would have been accrued if current forecasts were used throughout the life of the group for future depreciation accruals. The computation involves multiplying the vintage balances within the group by the theoretical

reserve ratio for each vintage. The equal life group method requires an estimate of dispersion and service life to establish how much of each vintage is expected to be retired in each year until all property within the vintage is retired. Estimated average service lives and dispersion determine the amount within each equal life group. The equal life group-remaining-life theoretical reserve ratio (RRELG) is calculated as:

$$RRELG = 1 - \frac{(ELG\ Remaining\ Life)}{(ELG\ Life)} * (1 - Net\ Salvage\ Ratio)$$

DETAILED DISCUSSION

Depreciation Study Process

This depreciation study encompassed four distinct phases. The first phase involved data collection and field interviews. The second phase was where the initial data analysis occurred. The third phase was where the information and analysis was evaluated. Once the first three stages were complete, the fourth phase began. This phase involved the calculation of deprecation rates and documenting the corresponding recommendations.

During the Phase 1 data collection process, historical data was compiled from continuing property records and general ledger systems. Data was validated for accuracy by extracting and comparing to multiple financial system sources. Audit of this data was validated against historical data from prior periods, historical general ledger sources, and field personnel discussions. This data was reviewed extensively to put in the proper format for a depreciation study. Further discussion on data review and adjustment is found in the Salvage Considerations Section of this study. Also as part of the Phase 1 data collection process, numerous discussions were conducted with engineers and field operations personnel to obtain information that would assist in formulating life and salvage recommendations in this study. One of the most important elements of performing a proper depreciation study is to understand how the Company utilizes assets and the environment of those assets. Interviews with engineering and operations personnel are important ways to allow the analyst to obtain information that is beneficial when evaluating the output from the life and net salvage programs in relation to the Company's actual asset utilization and environment. Information that was gleaned in these discussions is found both in the Detailed Discussion of this study in the life analysis and salvage analysis sections and also in workpapers.

Phase 2 is where the actuarial analysis is performed. Phases 2 and 3 overlap to a significant degree. The detailed property records information is used in Phase 2 to develop observed life tables for life analysis. These tables are visually compared to industry standard tables to determine historical life characteristics. It is possible that the analyst would cycle back to this phase based on the evaluation process performed in Phase 3. Net salvage analysis consists of compiling historical salvage and removal data by functional group to determine values and trends in gross salvage and removal cost. This information was then carried forward into Phase 3 for the evaluation process.

Phase 3 is the evaluation process which synthesizes analysis, interviews, and operational characteristics into a final selection of asset lives and net salvage parameters. The historical analysis from Phase 2 is further enhanced by the incorporation of recent or future changes in the characteristics or operations of assets that were revealed in Phase 1. Phases 2 and 3 allow the depreciation analyst to validate the asset characteristics as seen in the accounting transactions with actual Company operational experience.

Finally, Phase 4 involved calculating accrual rates, making recommendations, and documenting the conclusions in a final report. The calculation of accrual rates is found in Appendix B. Recommendations for the various accounts are contained within the Detailed Discussion of this report. The depreciation study flow diagram shown as Figure 1[1] documents the steps used in conducting this study. Depreciation Systems, page 289 documents the same basic processes in performing a depreciation study which are: statistical analyses, evaluation of statistical analysis, discussions with management, forecast assumptions, write logic supporting forecasts and estimation, and write final report.

[1] Public Utility Finance & Accounting, A Reader

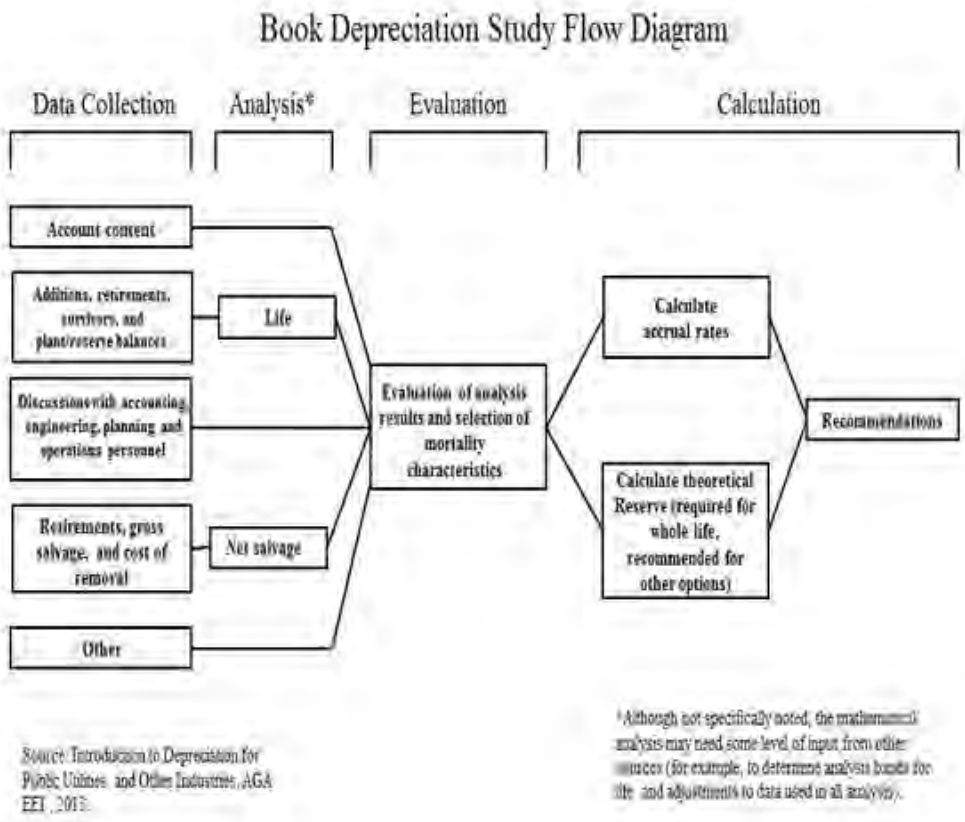


Figure 1

SHARED SERVICES DEPRECIATION STUDY PROCESS

Depreciation Rate Calculation

Annual depreciation expense amounts for the depreciable property accounts of Shared Services were calculated by the straight line, equal life group, and remaining-life system. With this approach, remaining lives were calculated according to standard ELG group expectancy techniques, using the Iowa Curves noted in the calculation. For each plant account, the difference between the surviving investment, adjusted for estimated net salvage and the allocated book depreciation reserve, was divided by the average remaining life to yield the annual depreciation expense. These calculations are shown in Appendix B.

Remaining Life Calculation

The establishment of appropriate average service lives and retirement dispersions for each account within a functional group was based on engineering judgment that incorporated available accounting information analyzed using the actuarial methods. After establishment of appropriate average service lives and retirement dispersions, remaining lives were computed for each account. The theoretical depreciation reserve with zero net salvage (used in calculating remaining life) was calculated using theoretical reserve ratios as defined in the theoretical reserve portion of the general discussion section. The difference between plant balance and theoretical reserve was then spread over the ELG depreciation accruals. After accumulating the ELG accruals across each vintage, the annual accrual was divided into the net balance to compute remaining life. Details of the theoretical reserve computations, ELG accruals, and remaining life are found by account in the study workpapers.

LIFE ANALYSIS

The retirement rate ("actuarial") analysis method was applied to all accounts for Shared Services. For each account, an actuarial analysis was made with placement and experience bands of varying width. The historical observed life table was plotted and compared with various Iowa Curves to obtain the most appropriate match. A selected curve for each account is shown in the Life Analysis Section of this report. The observed life tables for all analyzed placement and experience bands are provided in workpapers.

For the overall band (i.e., placement from earliest vintage year, which varied for each account, through 2022) for each account, various dispersion curves were plotted. Frequently, visual matching would confirm one specific dispersion pattern (i.e., L, S, or R) as a better match than others. The next step would be to determine the most appropriate life using that dispersion pattern. Then, after looking at the overall experience band, different experience bands were plotted and analyzed, for instance 1988-2022, 2003-2022, 2008-2022, etc. Next, placement bands of varying width were plotted with each experience band discussed above. Repeated matching usually pointed to a focus on one dispersion family and small range of service lives. The goal of visual matching was to minimize the differential between the observed life table and Iowa Curve in top- and mid-range of the plots. These results are used in conjunction with all other factors that may influence asset lives.

Due to the nature of the Shared Services Division and the allocation of costs among numerous entities and across various state regulatory jurisdictions, the study does not make a comparison of approved to proposed depreciation rates, due to timing differences and the possibility of changes from the various regulatory agencies approving rates. Instead, we will provide the proposed parameters for the current study (2022) in the account discussions below.

NET SALVAGE CONSIDERATIONS

When a capital asset is retired, physically removed from service and finally disposed of, terminal retirement is said to have occurred. The residual value of a terminal retirement is called gross salvage. Net salvage is the difference between the gross salvage (what the asset was sold for) and the removal cost (cost to remove and dispose of the asset).

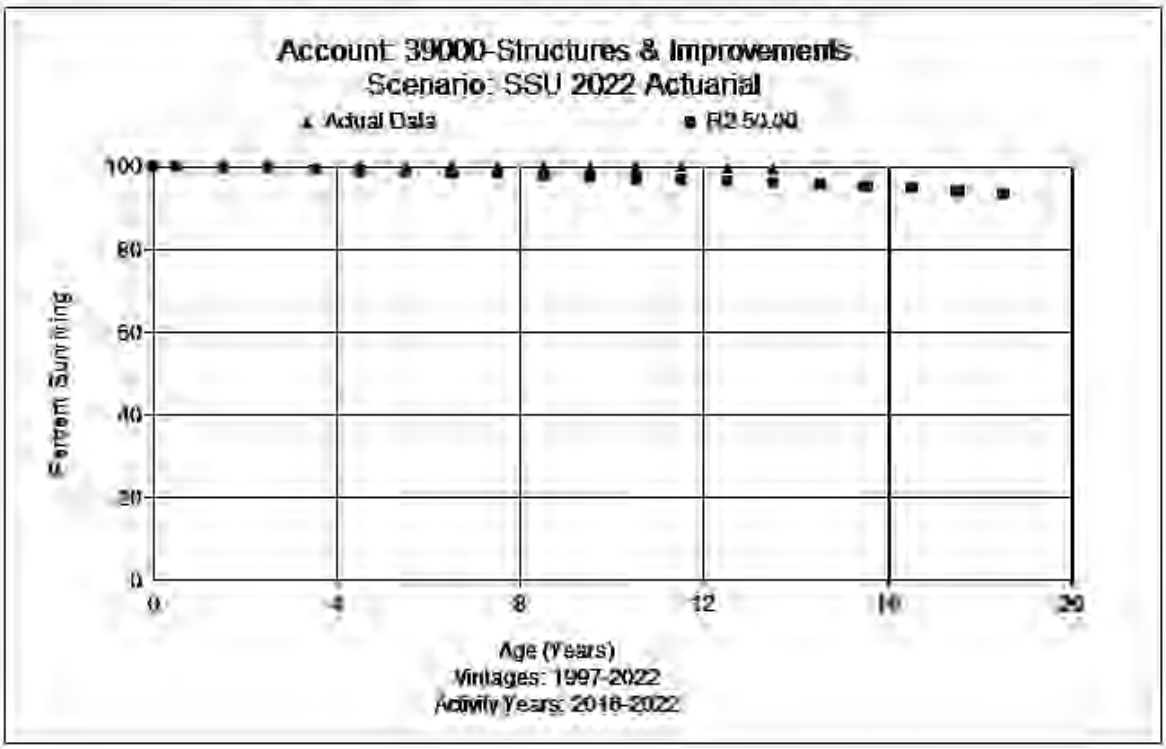
Net Salvage Characteristics

The net salvage analysis for each account is shown in Appendix D. Moving averages for intervals are also included in Appendix D. The assets of Shared Services generally do not incur cost of removal, and salvage has declined in recent years. In this study a zero percent net salvage is recommended for each account, with the exception of Account 392, Transportation Equipment.

Account Life and Net Salvage Analysis

Account 39000 – Structures & Improvements

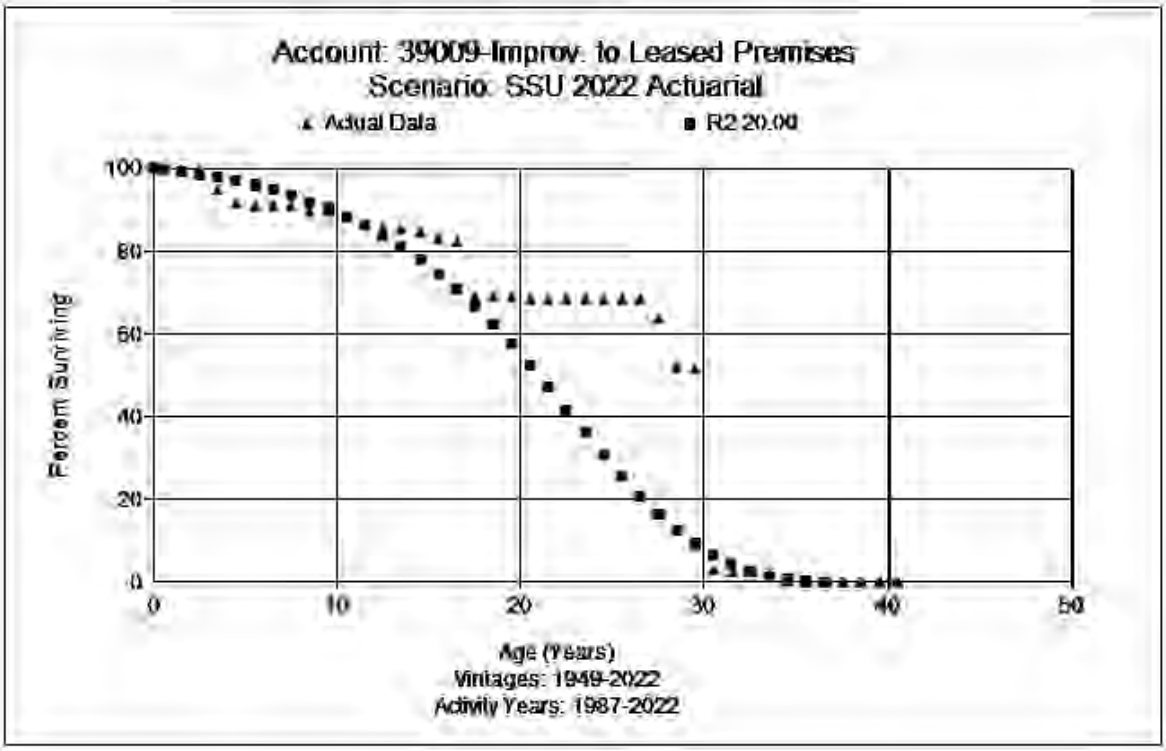
This account includes the cost of buildings and improvements including the Greenville operations center, the Charles K. Vaughn training center, and the call center in Waco. The account balance is approximately $46.1 million. The current average age of investment is 9.83 years. There have been some retirements recorded, but they are in recent years. The current mix of assets is weighted to the longer-lived buildings. Based on judgment and type of assets, this study recommends a 50 year life with the R2 dispersion pattern. A graph of the observed life table and the recommended life and curve are shown below.



Little to no salvage is expected. Some cost of removal is expected at the end of life for some of the assets, but none has been recorded. Therefore, a zero percent net salvage is recommended at this time.

Account 39009 – Improvements to Leased Premises

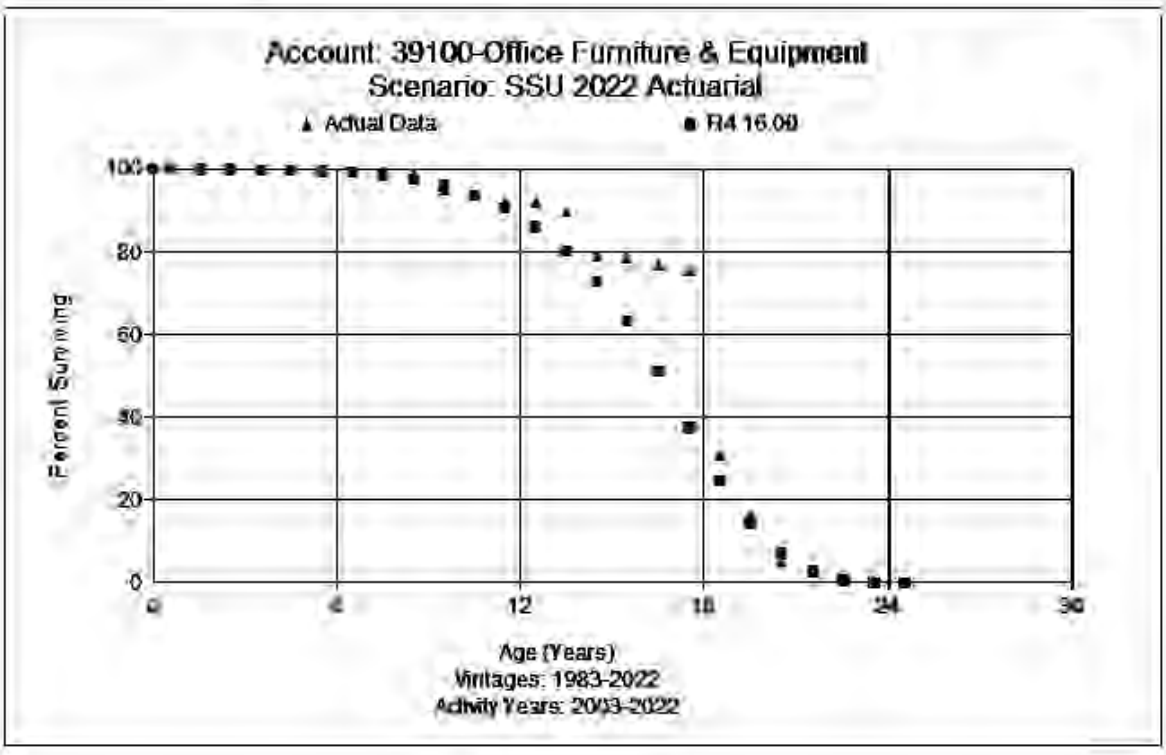
This account includes the cost of improvements to leased premises such as the Dallas office and call centers. The balance is approximately $12.9 million. Assets in this account are tied to their lease term, which is 20 years with renewal options. This study recommends the 20 R2 at this time. A graph of the observed life table and the recommended life and curve are shown below.



No salvage or removal cost has been recorded and none is expected in the future. Therefore, a zero percent net salvage is recommended for this account.

Account 39100 – Office Furniture and Equipment

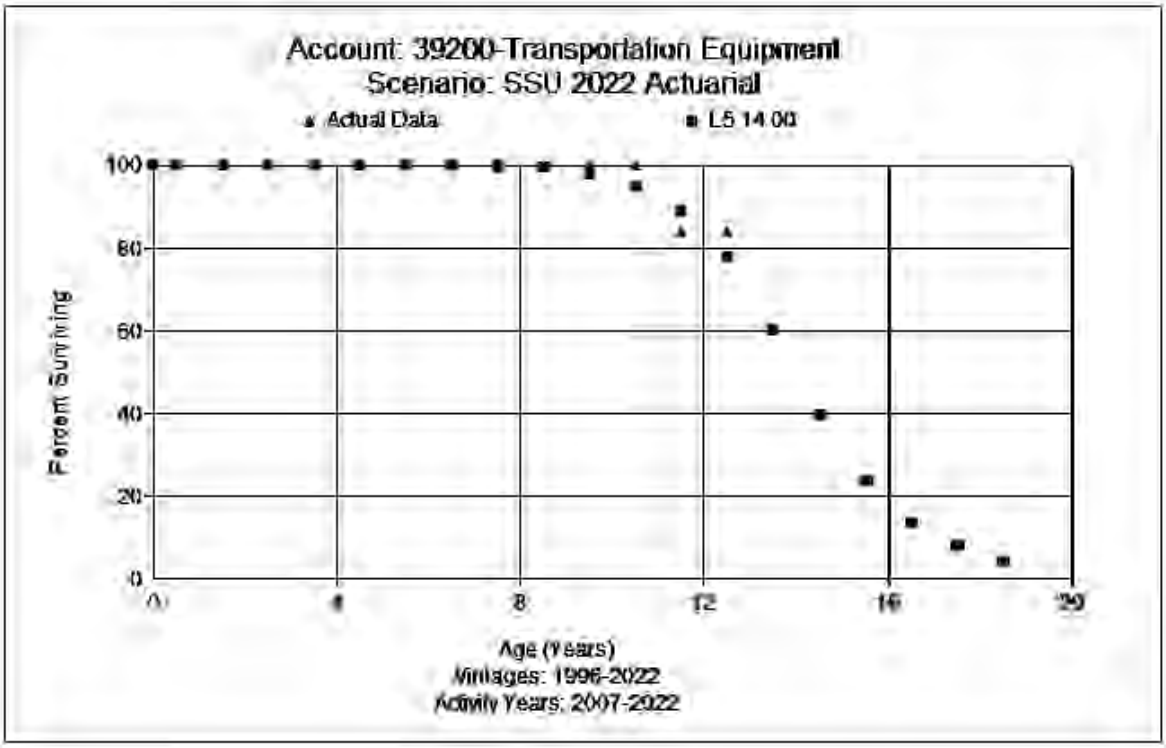
This account consists of modular furniture, desks, chairs, bookcases, credenzas, file cabinets, office machines, and other miscellaneous equipment located at the various locations. The balance is $9.7 million. An expected life range for the assets in this account is 15 to 20 years or longer. The analysis indicates that the assets are experiencing a life of approximately 16-17 years and that the average age of retirements is 17.42 years. Approximately $4.6 million has been retired between 2017 and 2022. Company personnel indicate that some offices were renovated and that more retirements have occurred than in the past. Based on the analysis and future expectations, this study recommends a 16 R4 dispersion pattern. A graph of the observed life table and the recommended life and curve are shown below.



There is no cost of removal, and no salvage has been recorded since 1997. No salvage is expected at retirement in the future. A zero percent net salvage rate is recommended for this account.

Account 39200 – Transportation Equipment

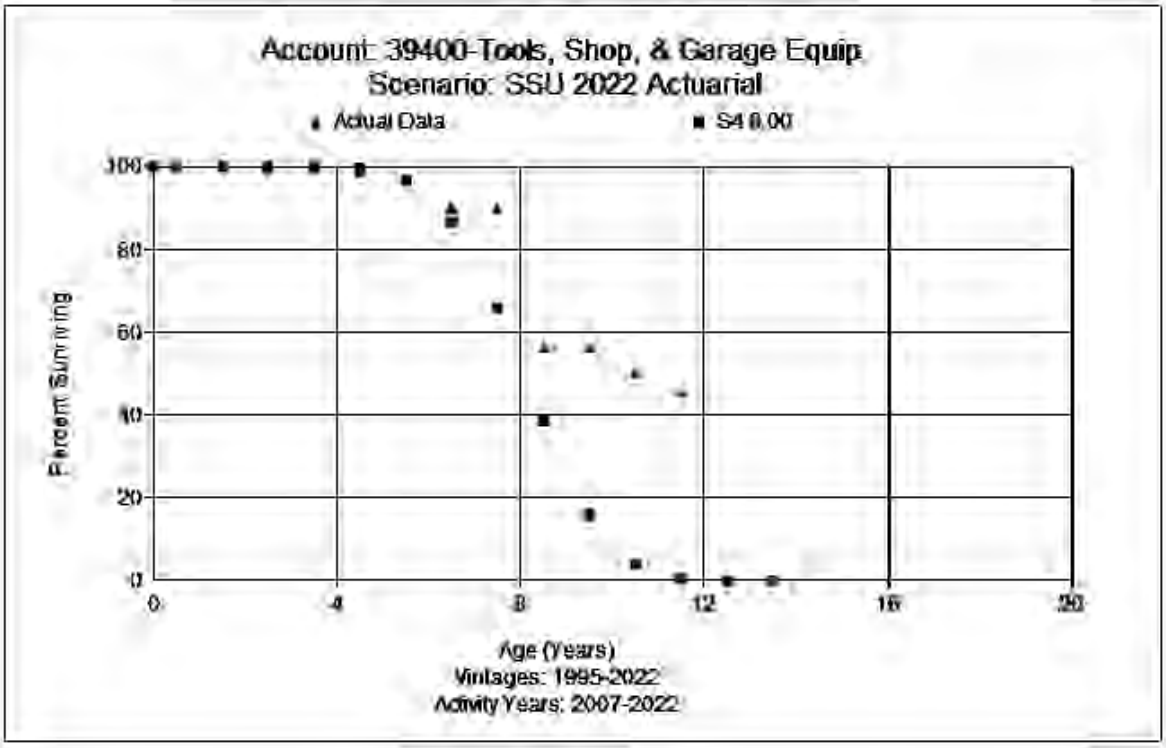
This account consists of all transportation equipment. The balance is $412 thousand. Depending on the type and mix of assets, this account can range from 5-15 years. The current average age of investment is 4.97 years. Only one retirement has been recorded in 2007. The Company leases most of its vehicles and surviving assets are golf carts, a trailer, and other miscellaneous equipment. Based on the surviving assets, this study recommends a 14 L5. A graph of the observed life table and the recommended life and curve are shown below.



No cost of removal has been recorded and none is expected. There has been no salvage recorded over the 2007-2022 historical experience. However, some salvage is expected at end of life for some of the assets. This study recommends a positive 10 percent net salvage rate.

Account 39400 – Tools, Shop & Garage Equipment

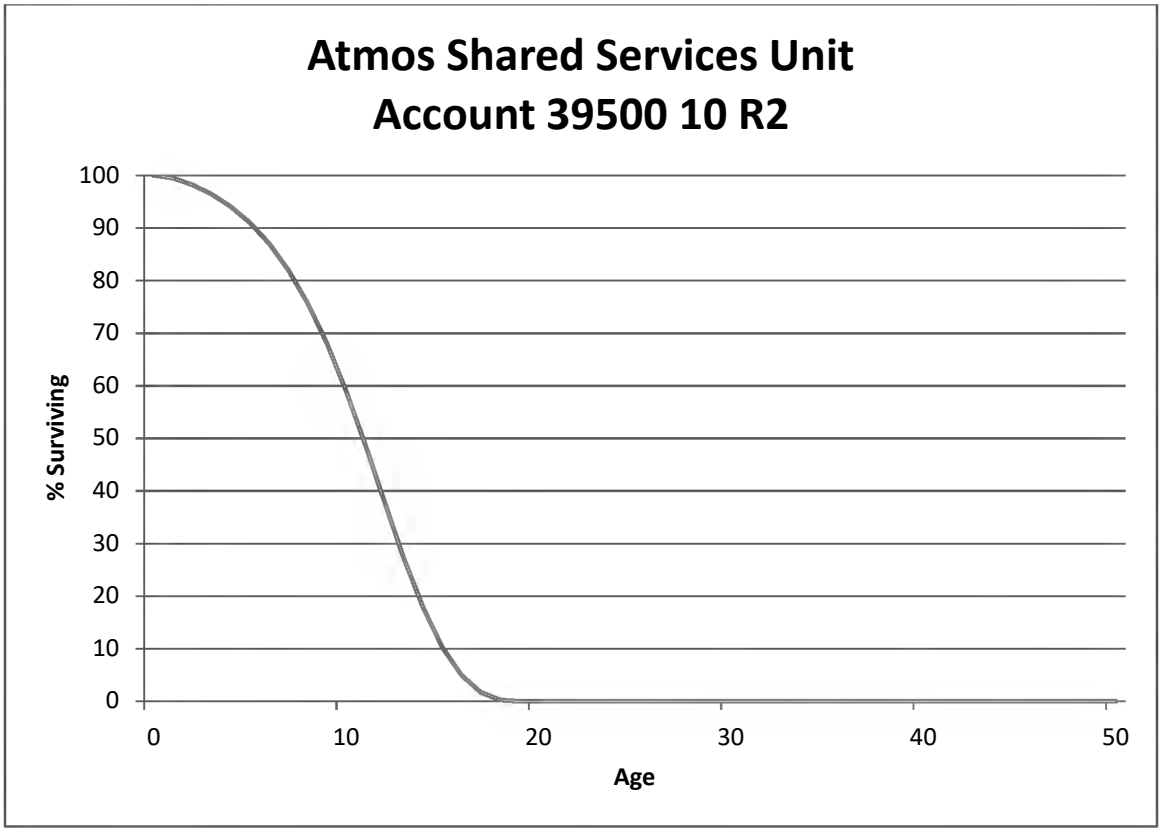
This account consists of various small tools and equipment used at the various locations. The balance is $717 thousand in this account. The average age of investment is 4.26 years. The average age of retirement is 7.81 years. Based on the analysis, and the type and use of the assets, this study recommends the 8 S4 life and dispersion pattern. A graph of the observed life table and the recommended life and curve are shown below.



No salvage or cost of removal has been recorded over the analysis 2007-2022 historical experience. There is no cost of removal expected and minimal or no salvage expected at the time of retirement. This study recommends a zero percent net salvage rate for this account.

Account 39500 – Laboratory Equipment

This account consists of laboratory equipment. It currently has no balance. Based on the type and use of the assets, a 10 year life is recommended with an R2 dispersion curve if future additions are recorded. A representative graph of the life of the account is shown in the curve below.



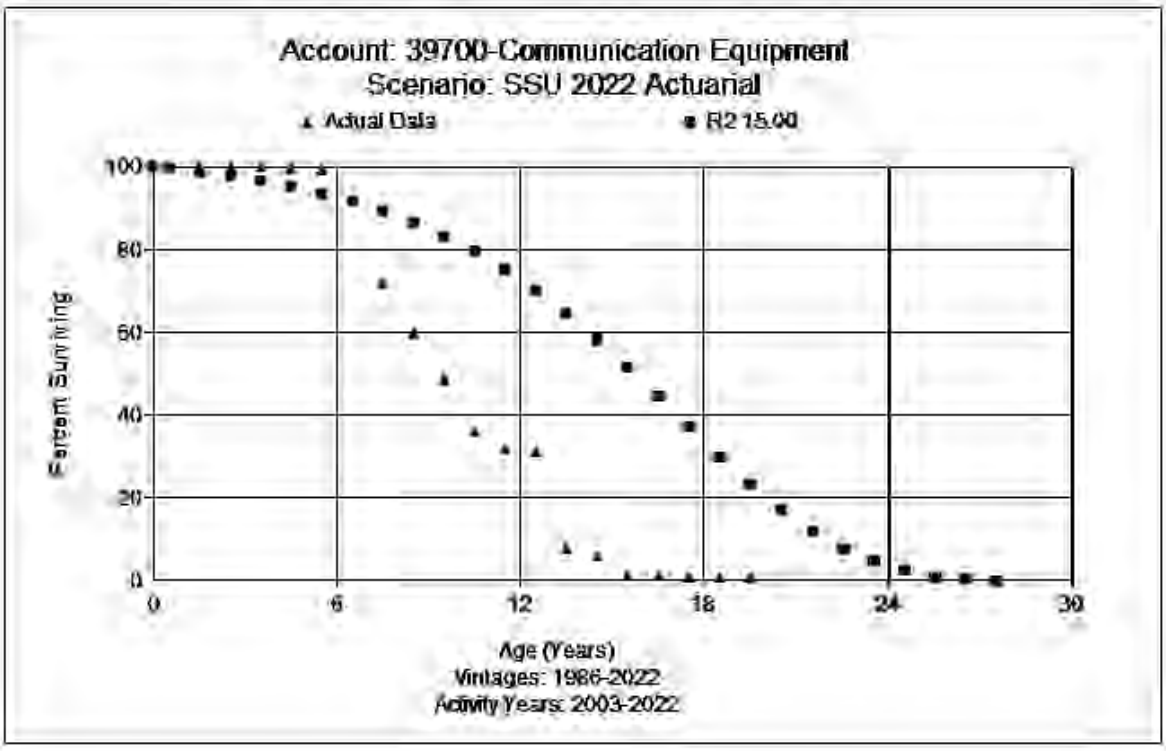
No salvage or cost of removal has been recorded and none is expected at time of retirement. This study recommends a zero percent net salvage rate for this account.

Account 39700 – Communications Equipment

The communications equipment account includes communication, computer hardware, telephone, and radio equipment used at the various locations. The balance is $2.8 million in this account.

Discussions with Company personnel indicated that around 2009, there was a contact center built in Amarillo, at which the communication assets are still in service. Many of the assets in this account are PBX related assets. The average age of the assets is around 11.46 years old. The Company indicated that there is no specific plan to replace significant portions of the communications infrastructure at this point.

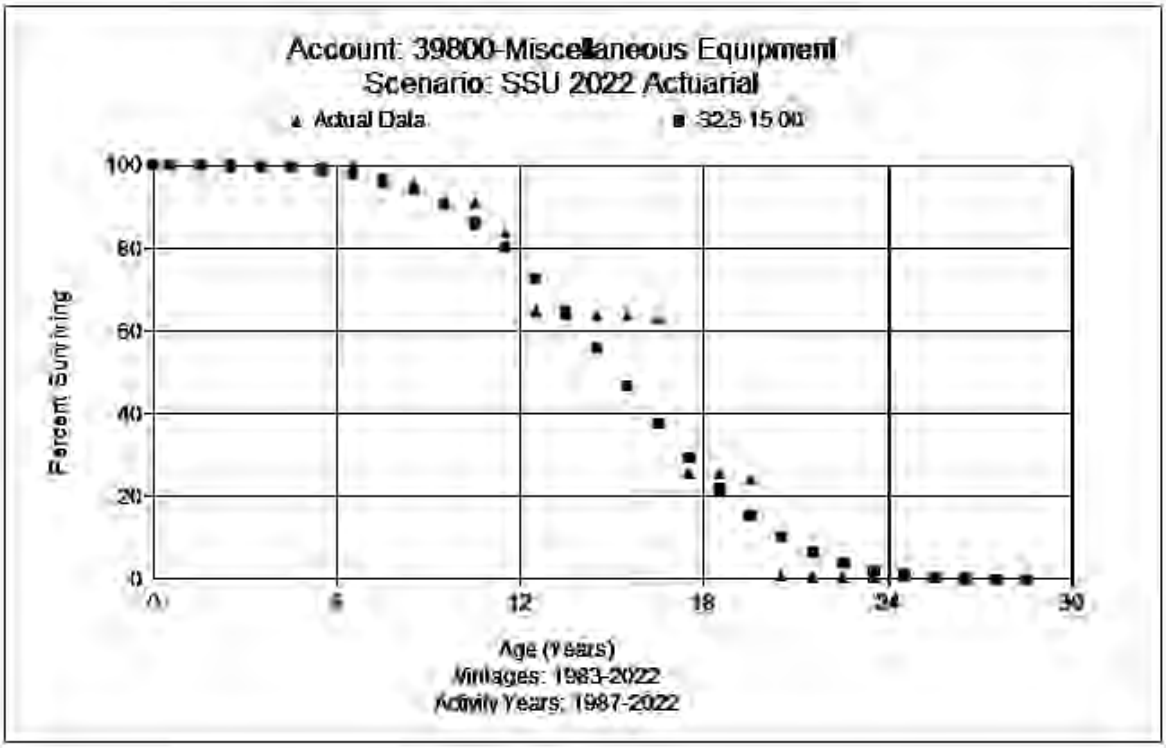
Based on the combined analysis, the best fits were indicating a life between 7-9 years, which is due to a large level of retirements in the last few years. The current average age of the assets is nearing 12 years. The shorter life indication in the analysis is not reflective of Company expectations for these assets. Based on the analysis, the type and mix of the assets, and Company plans and expectations, a 15 year life is more reasonable. This study recommends the 15 R2. A graph of the observed life table and the recommended life and curve are shown below.



Both salvage and cost of removal were recorded in 2004, but none since. No salvage is expected in the future at time of retirement. Little, if any, cost of removal is expected to be recorded for the assets. This study recommends a zero percent net salvage rate for this account.

Account 39800 - Miscellaneous Equipment

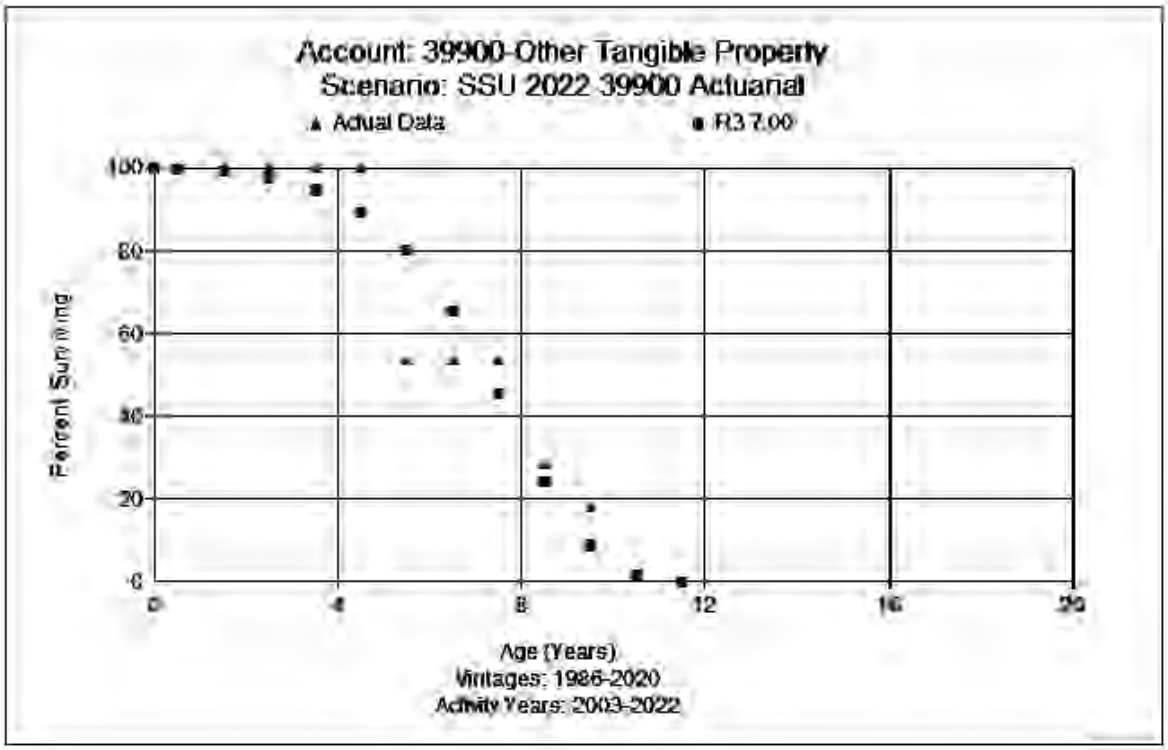
This account consists of various small office equipment items, such as kitchen appliances, televisions, and audio/video equipment that are not homogeneous with other plant accounts and are at the various locations. The balance is $738 thousand. The current average age of investment is 8.67 years. The analysis shows the majority of the fits to indicate a life around 15 years with a low dispersion pattern. The 15 S2.5 is a good fit across the bands fit and is the study recommendation. A graph of the observed life table and the recommended life and curve are shown below.



No salvage or cost of removal has been recorded since 1996 and none is expected at the time of retirement. This study recommends a zero percent net salvage rate for this account.

Account 39900 – Other Tangible Property

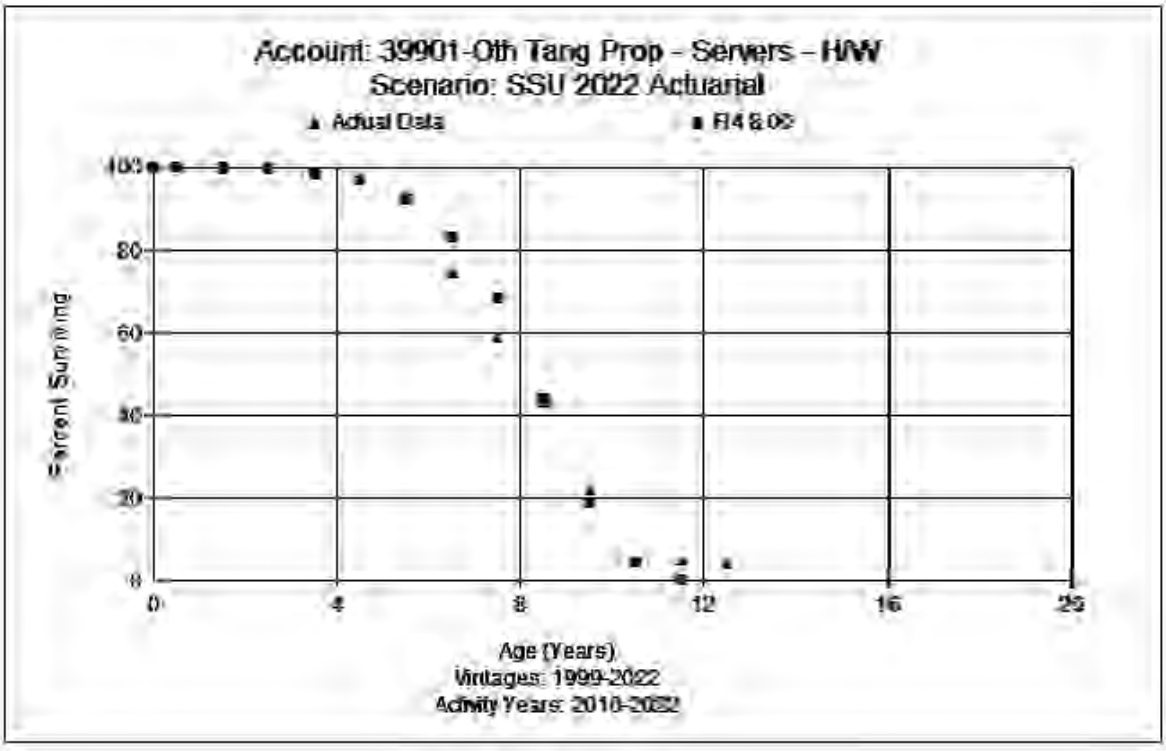
The other tangible property account holds miscellaneous equipment. The account balance is $299 thousand. The average age of the investment is 5.36 years. The average age of retirement is 7.01 years. The majority of the fits indicate a 7 year life, which is consistent with the expectations for this account. The study recommends the 7 R3 for this account. A graph of the observed life table and the recommended life and curve are shown below.



There has been no salvage or cost of removal recorded and none is expected in the future. This study recommends a zero percent net salvage rate for this account.

Account 39901 – Servers Hardware

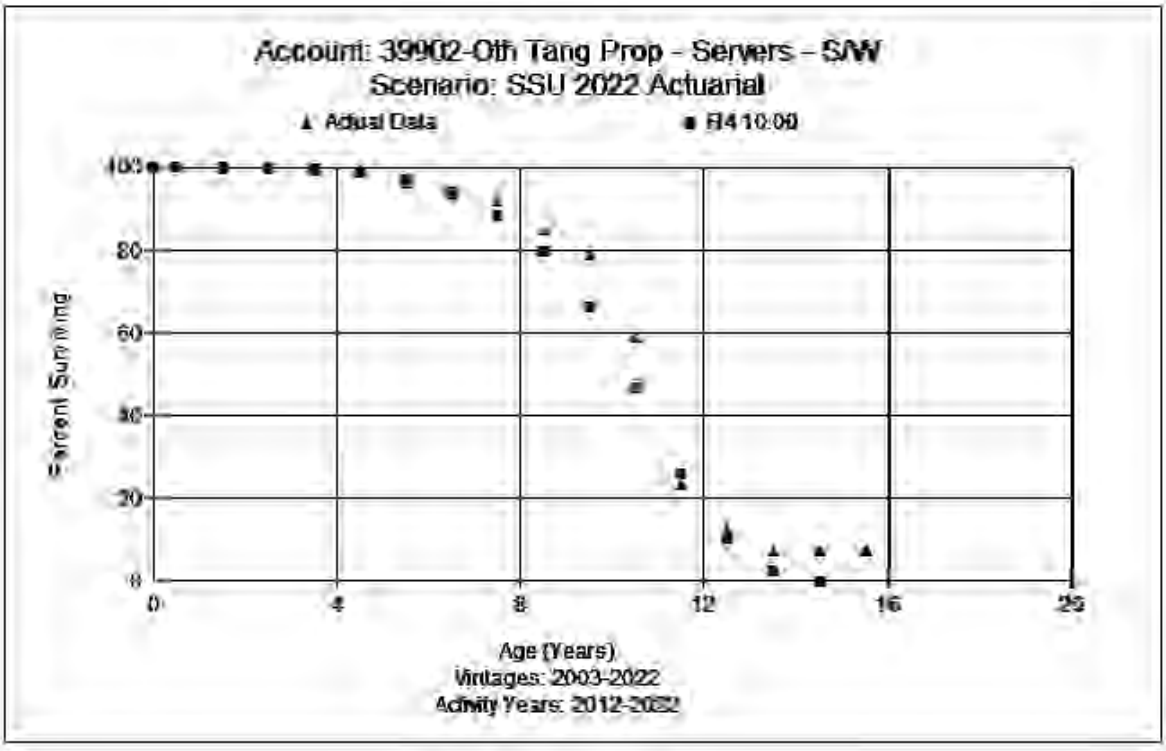
This account consists of assets such as server hardware and equipment used to serve the various locations. The balance is approximately $50.0 million. The current average age of the surviving balance is 4.39 years and the average age at retirement is 8.61 years. Discussions with Company personnel indicated that the initial manufacturer warranty is for 8 years, but they generally purchase an extended warranty, which can carry them a few years longer. The servers running the SAP system are planned for replacement around 8 years on average and the UCS servers are about to be replaced, also at 8 years. The current life analysis indicates a good fit with the 8 R4. Based on the analysis and Company input, this study recommends an 8 R4. A graph of the observed life table and the recommended life and curve is shown below.



Very little salvage or cost of removal has been recorded and no salvage or cost of removal is expected. A zero percent net salvage rate is recommended.

Account 39902 – Servers Software

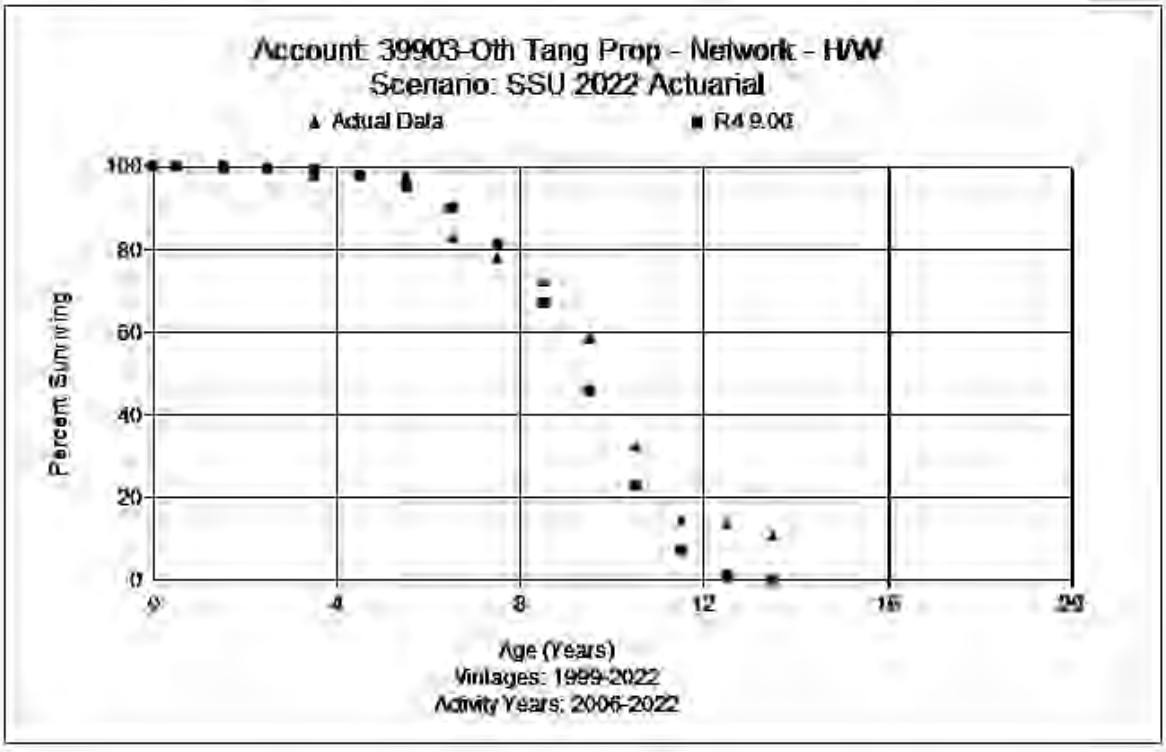
This account consists of assets such as Windows operating systems, Oracle, VMWare, Altiris, and other server software. The balance is $15.0 million. The average age of investment is 6.52 years. The average age of retirements is 11.56 years. Discussions with Company personnel indicated that virtualization disconnects the software from the hardware to some degree and can extend the life of the software as compared to the hardware. There are some perpetual licenses within this category. They now buy software with maintenance. The life analysis provides a consistent 10 year life indication. Even though technology is a factor, a life around 10 years makes sense operationally. This study recommends a 10 year life with the R4 dispersion pattern. A graph of the observed life table and the recommended life and curve are shown below.



No salvage or cost of removal has been recorded and none is expected in the future. A zero percent net salvage rate is recommended for this account.

Account 39903 – Network Hardware

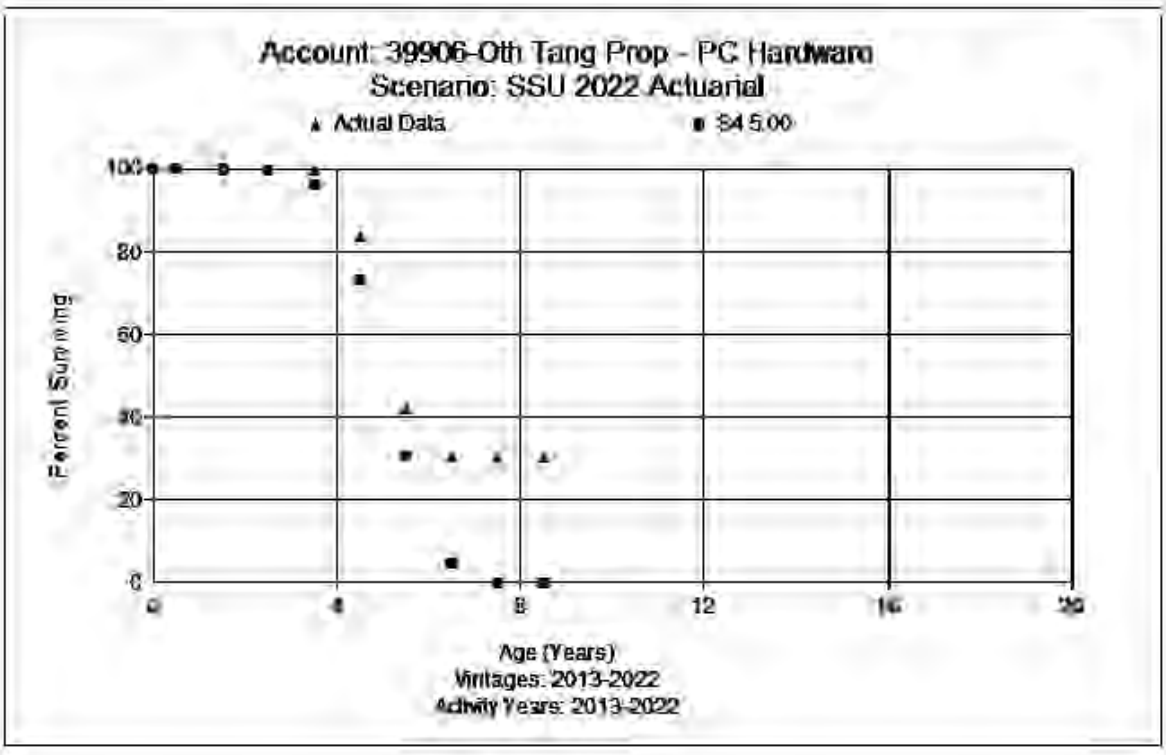
This account consists of assets related to networking activities such as routers, switches, and miscellaneous equipment. The balance is $5.3 million. The average age of retirements is 9.42 years, and the average age of investment is 4.91 years. Discussions with Company personnel indicated that the 2009 investment was for the data center, which has been replaced at around 10 years of age. Operationally the Company believes a 9 year life is reasonable and is the general expectation. The analysis shows a steep dispersion pattern and fits that are consistent with Company expectations of 9 years. This study recommends the 9 R4, which is slightly longer than server hardware. A graph of the observed life table and the recommended life and curve are shown below.



Cost of removal was recorded in 2012, but none since. No salvage or cost of removal is expected in the future. A zero percent net salvage rate is recommended for this account.

Account 39906 – PC Hardware

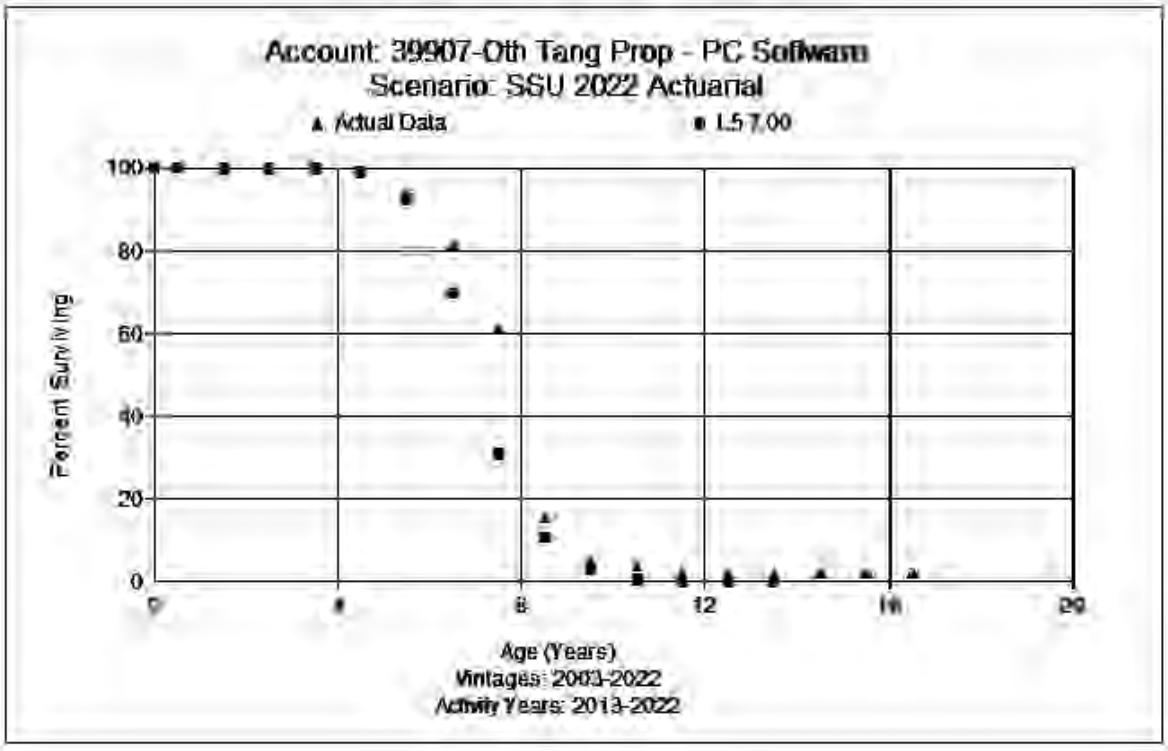
This account consists of costs for computer hardware, desktop and laptop computers, and peripherals. The balance is $5.0 million. The average age of investment is 3.53 years and average age of retirements is 7.11 years. Discussions with Company personnel indicated that there has been no material change in the replacement policies or practices. The refresh cycle is 4 years, which can see delays in retiring some computers due to prep for retiring or being kept as a spare or in inventory. Peripherals may have a longer life. The life indications in the actuarial analysis suggest a life between 5-7 years, with the 5 years as a more recent indication. Based on the life analysis and Company input, this study recommends the 5 S4. A graph of the observed life table and the recommended life and curve are shown below.



Some minimal salvage and very limited cost of removal have been recorded. This study recommends a zero percent net salvage rate for this account.

Account 39907 – PC Software

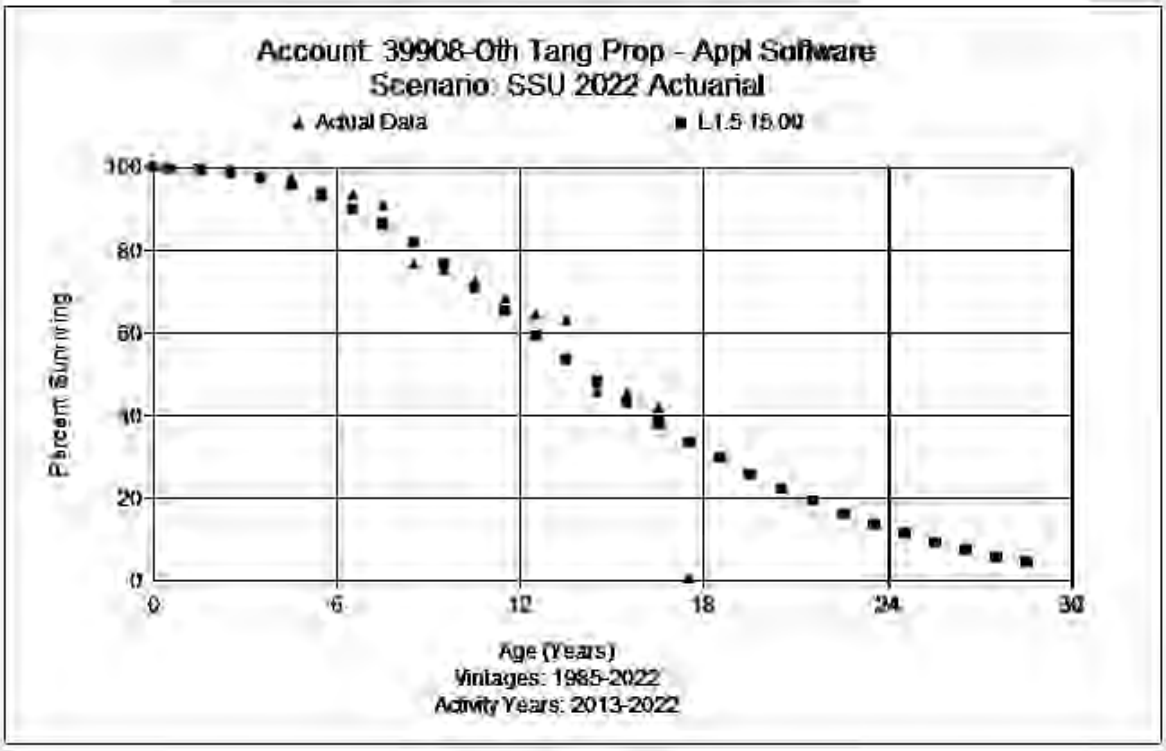
The PC software account consists of costs related to software assets and previously included operating system software. The balance is approximately $91 thousand after proforma transfers. The average age of investment is 7.46 years and average age of retirements is 9.12 years. Discussions with Company personnel indicated that one of the main pieces of PC software is Microsoft Office 365, which has gone to subscription. There are several assets that have been transferred to Account 39906 PC Hardware and 39908 Application Software as a proforma adjustment in the study. Recent historical additional and retirements may not reflect the true lifespan. TOAD for Oracle is over half of the account and is still in use. The analysis indicates a life between 7-9 years. Based on the analysis, Company input, type of assets, and judgment, this study recommends the 7 L5 dispersion at this time. A graph of the observed life table and the recommended life and curve are shown below.



No salvage or cost of removal has been recorded and none is expected. This study recommends a zero percent net salvage rate for this account.

Account 39908 – Application Software

The application software account consists of costs related to large software assets including billing system software, electronic mapping and training software applications, Oracle upgrade, Banner, Data Mart System, PowerPlant System, Advantage System application, and the Waco Call Center IT build. The balance is $242.3 million. The average age of the surviving assets is 8.40 years and average age of retirements is 19.14 years. Discussions with Company personnel indicated that their expectation for the major software platforms is that they can last 15 years or more. They will upgrade but not retire the original asset unless they move to a different platform. The analysis supports a life between 13 to 15 years. Based on all the information and judgment, this study recommends the 15 L1.5 dispersion for this account. A graph of the observed life table and the recommended life and curve are shown below.



No salvage has been recorded and none is expected at time of retirement. Some cost of removal was recorded in 2013 but none is expected in the future. This study recommends a zero percent net salvage rate for this account.

APPENDIX A - Annual Accrual and Rate

Appendix A

Atmos Energy - Shared Services
At September 30, 2022
Depreciation Study Annual Depreciation Rates and Accruals

Account	Description	Plant Balance 09/30/2022	Annual Accrual Rate	Annual Accrual Amount
(a)	(b)	(c)	(d)	(e)
39000	Structures & Improvements	$ 46,093,940	2.38%	$ 1,097,036
39009	Improvements - Leased	12,884,577	4.43%	570,787
39100	Office Furniture & Equipment	9,760,344	6.36%	620,758
39200	Transportation Equipment	411,688	6.59%	27,130
39400	Tools Shop And Garage	717,219	12.44%	89,222
39700	Communication Equipment	2,842,154	6.34%	180,193
39800	Miscellaneous Equipment	738,358	7.00%	51,685
39900	Other Tangible Equipment	299,459	14.24%	42,643
39901	Servers-Hardware	49,962,908	12.66%	6,325,304
39902	Servers-Software	15,012,653	10.10%	1,516,278
39903	Network Hardware	5,339,322	11.28%	602,276
39906	PC Hardware	5,015,652	19.93%	999,619
39907	PC Software	90,525	11.66%	10,555
39908	Application Software	242,323,348	6.93%	16,793,008
	Total Depreciable Plant	$ 391,492,146	7.39%	$ 28,926,494

APPENDIX B - Calculation of Accrual and Rates

Appendix B

Atmos Energy - Shared Services
At September 30, 2022
Calculation of Depreciation Annual Accrual and Rate
With Reserve Reallocation

Account	Description	Plant Balance	Allocated Book Reserve	Net Salvage %	Net Salvage Amount	Unaccrued Balance	Composite Remaining Life	Annual Accrual Amount	Annual Accrual Rate
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
39000	Structures & Improvements	$ 46,093,940	$ 10,012,300	0%	$ -	$ 36,081,640	32.83	$ 1,098,991	2.38%
39009	Improvements - Leased	12,884,577	9,199,732	0%	-	3,684,845	6.46	570,785	4.43%
39100	Office Furniture & Equipment	9,760,344	5,965,482	0%	-	3,794,862	6.11	620,737	6.36%
39200	Transportation Equipment	411,688	125,431	10%	41,169	245,088	9.03	27,140	6.59%
39400	Tools Shop And Garage	717,219	477,203	0%	-	240,015	2.69	89,211	12.44%
39700	Communication Equipment	2,842,154	1,827,582	0%	-	1,014,572	5.63	180,122	6.34%
39800	Miscellaneous Equipment	738,358	408,363	0%	-	329,995	6.39	51,674	7.00%
39900	Other Tangible Equipment	299,459	205,675	0%	-	93,784	2.20	42,628	14.24%
39901	Servers-Hardware	49,962,908	24,465,692	0%	-	25,497,216	4.03	6,323,496	12.66%
39902	Servers-Software	15,012,653	8,763,896	0%	-	6,248,757	4.12	1,515,591	10.10%
39903	Network Hardware	5,339,322	2,543,324	0%	-	2,795,998	4.64	602,187	11.28%
39906	PC Hardware	5,015,652	3,084,461	0%	-	1,931,191	1.93	999,665	19.93%
39907	PC Software	90,525	80,092	0%	-	10,433	0.99	10,551	11.66%
39908	Application Software	242,323,348	121,159,499	0%	-	121,163,849	7.22	16,788,920	6.93%
	Total Depreciable Plant	**$ 391,492,146**	**$ 188,318,732**		**$ 41,169**	**$ 203,132,245**		**$ 28,921,699**	**7.39%**

APPENDIX C - Parameters

Appendix C

Atmos Energy - Shared Services Unit
Proposed Depreciation Parameters
Depreciation Study as of September 30, 2022

Division 002 - SSU General Office and Division 12 - SSU Customer Support

		Proposed 2022				
Account	Description	ASL	Curve	Gross Salvage	Cost of Removal	Net Salvage
39000	Structure & Improvements	50	R2	0%	0%	0%
39009	Improvements - Leased	20	R2	0%	0%	0%
39100	Office Furniture & Equipment	16	R4	0%	0%	0%
39200	Transportation Equipment	14	L5	10%	0%	10%
39400	Tools, Shop, & Garage Equipment	8	S4	0%	0%	0%
39500	Laboratory Equipment	10	R2	0%	0%	0%
39700	Communication Equipment	15	R2	0%	0%	0%
39800	Miscellaneous Equipment	15	S2.5	0%	0%	0%
39900	Other Tangible Equipment	7	R3	0%	0%	0%
39901	Servers-Hardware	8	R4	0%	0%	0%
39902	Servers-Software	10	R4	0%	0%	0%
39903	Network Hardware	9	R4	0%	0%	0%
39906	PC Hardware	5	S4	0%	0%	0%
39907	PC Software	7	L5	0%	0%	0%
39908	Application Software	15	L1.5	0%	0%	0%

APPENDIX D - Net Salvage Analysis

ATMOS ENERGY - SHARED SERVICES UNIT
Depreciation Study as of September 30, 2022
Net Salvage Analysis

Account and Description		Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
39000-Structures & Improvements		2007	0.00	-	-	0	NA									
	39000	2008	0.00	-	-	0	NA	NA								
	39000	2009	0.00	-	-	0	NA	NA	NA							
	39000	2010	0.00	-	-	0	NA	NA	NA	NA						
	39000	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39000	2012	0.00	-	-	0	NA	NA	NA	NA	NA	NA				
	39000	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39000	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39000	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39000	2016	32,329.68	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39000	2017	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39000	2018	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39000	2019	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39000	2020	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39000	2021	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39000	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
39000-Structures & Improvements		2007	0.00	-	-	0	NA									
	39005	2008	0.00	-	-	0	NA	NA								
	39005	2009	0.00	-	-	0	NA	NA	NA							
	39005	2010	0.00	-	-	0	NA	NA	NA	NA						
	39005	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39005	2012	0.00	-	-	0	NA	NA	NA	NA	NA	NA				
	39005	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39005	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39005	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39005	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39005	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39005	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39005	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39005	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39005	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39005	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39009-Improv. to Leased Premises		2000	270,911.00	-	-	0	0.0%									
	39009	2001	0.00	-	-	0	NA	0.0%								
	39009	2002	0.00	-	-	0	NA	NA	0.0%							
	39009	2003	0.00	-	-	0	NA	NA	NA	0.0%						
	39009	2004	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39009	2005	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39009	2006	178,757.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%			

ATMOS ENERGY - SHARED SERVICES UNIT
Depreciation Study as of September 30, 2022
Net Salvage Analysis

Account and Description		Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
	39009	2007	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%		
	39009	2008	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	
	39009	2009	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2010	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2011	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2012	35,416.90	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2013	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2014	126,214.30	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2015	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2016	1,473,692.48	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2017	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2018	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2019	437,955.87	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2020	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2021	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39009	2022	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39100-Office Furniture & Equipment		1993	83,992.00	200	-	200	0.2%									
	39100	1994	7,848.00	-	-	0	0.0%	0.2%								
	39100	1995	852.00	-	-	0	0.0%	0.0%	0.2%							
	39100	1996	92,361.00	-	-	0	0.0%	0.0%	0.0%	0.1%						
	39100	1997	0.00	-	(5,108)	5,108	NA	5.5%	5.5%	5.1%	2.9%					
	39100	1998	6,852.00	-	-	0	0.0%	74.5%	5.1%	5.1%	4.7%	2.77%				
	39100	1999	0.00	-	-	0	NA	0.0%	74.5%	5.1%	5.1%	4.73%	2.77%			
	39100	2000	0.00	-	-	0	NA	NA	0.0%	74.5%	5.1%	5.10%	4.73%	2.77%		
	39100	2001	0.00	-	-	0	NA	NA	NA	0.0%	74.5%	5.15%	5.10%	4.73%	2.77%	
	39100	2002	0.00	-	-	0	NA	NA	NA	NA	0.0%	74.55%	5.15%	5.10%	4.73%	2.77%
	39100	2003	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	74.55%	5.15%	5.10%	4.73%
	39100	2004	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	74.55%	5.15%	5.10%
	39100	2005	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	74.55%	5.15%
	39100	2006	1,420,965.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.36%
	39100	2007	75,094.25	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2008	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2009	225,893.25	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2010	95,413.03	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2011	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2012	788,807.96	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2013	1,602,991.05	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2014	1,162.59	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2015	358,929.73	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2016	1,020,914.56	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2017	4,530,386.30	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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	39100	2018	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2019	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2020	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2021	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39100	2022	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
39100-Office Furniture & Equipment		2007	0.00	-	-	0	NA									
	39101	2008	0.00	-	-	0	NA	NA								
	39101	2009	0.00	-	-	0	NA	NA	NA							
	39101	2010	0.00	-	-	0	NA	NA	NA	NA						
	39101	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39101	2012	0.00	-	-	0	NA	NA	NA	NA	NA	NA				
	39101	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39101	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39101	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39101	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39101	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39101	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39101	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39101	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39101	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39101	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39100-Office Furniture & Equipment		2007	0.00	-	-	0	NA									
	39102	2008	0.00	-	-	0	NA	NA								
	39102	2009	0.00	-	-	0	NA	NA	NA							
	39102	2010	25,380.12	-	-	0	0.0%	0.0%	0.0%	0.0%						
	39102	2011	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%					
	39102	2012	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%				
	39102	2013	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%			
	39102	2014	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%		
	39102	2015	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	
	39102	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
	39102	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
	39102	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
	39102	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
	39102	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39102	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39102	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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39100-Office Furniture & Equipment		2007	387,811.54	-	-	0	0.0%									
	39103	2008	0.00	-	-	0	NA	0.0%								
	39103	2009	0.00	-	-	0	NA	NA	0.0%							
	39103	2010	48,493.05	-	-	0	0.0%	0.0%	0.0%	0.0%						
	39103	2011	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%					
	39103	2012	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%				
	39103	2013	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%			
	39103	2014	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%		
	39103	2015	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	
	39103	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
	39103	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
	39103	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
	39103	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
	39103	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39103	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39103	2022	47,938.52	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39104-G Office Furniture & Equipment		2010	0.00	-	-	0	NA									
	39104	2011	0.00	-	-	0	NA	NA								
	39104	2012	0.00	-	-	0	NA	NA	NA							
	39104	2013	0.00	-	-	0	NA	NA	NA	NA						
	39104	2014	0.00	-	-	0	NA	NA	NA	NA	NA					
	39104	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA				
	39104	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39104	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39104	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39104	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39104	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39104	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39104	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39200-Transportation Equipment		2007	18,885.47	-	-	0	0.0%									
	39200	2008	0.00	-	-	0	NA	0.0%								
	39200	2009	0.00	-	-	0	NA	NA	0.0%							
	39200	2010	0.00	-	-	0	NA	NA	NA	0.0%						
	39200	2011	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39200	2012	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39200	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%			
	39200	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%		
	39200	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	
	39200	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%

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	39200	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39200	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39200	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39200	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39200	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39200	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39300-Stores Equipment		2007	0.00	-	-	0	NA									
	39300	2008	0.00	-	-	0	NA	NA								
	39300	2009	0.00	-	-	0	NA	NA	NA							
	39300	2010	0.00	-	-	0	NA	NA	NA	NA						
	39300	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39300	2012	0.00	-	-	0	NA	NA	NA	NA	NA	NA				
	39300	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39300	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39300	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39300	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39300	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39300	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39300	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39300	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39300	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39300	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39400-Tools, Shop, & Garage Equip.		2007	7,682.72	-	-	0	0.0%									
	39400	2008	0.00	-	-	0	NA	0.0%								
	39400	2009	0.00	-	-	0	NA	NA	0.0%							
	39400	2010	0.00	-	-	0	NA	NA	NA	0.0%						
	39400	2011	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39400	2012	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39400	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%			
	39400	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%		
	39400	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	
	39400	2016	27.50	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39400	2017	123,339.96	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39400	2018	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39400	2019	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39400	2020	20,120.34	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39400	2021	8,616.01	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39400	2022	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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39500-Laboratory Equipment		2007	0.00	-	-	0	NA									
	39500	2008	0.00	-	-	0	NA	NA								
	39500	2009	0.00	-	-	0	NA	NA	NA							
	39500	2010	0.00	-	-	0	NA	NA	NA	NA						
	39500	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39500	2012	0.00	-	-	0	NA	NA	NA	NA	NA	NA				
	39500	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39500	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39500	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39500	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39500	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39500	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39500	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39500	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39500	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39500	2022	23,632.07	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39700-Communication Equipment		1993	8,091.00	-	-	0	0.0%									
	39700	1994	0.00	-	-	0	NA	0.0%								
	39700	1995	0.00	-	-	0	NA	NA	0.0%							
	39700	1996	0.00	-	-	0	NA	NA	NA	0.0%						
	39700	1997	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39700	1998	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39700	1999	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%			
	39700	2000	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%		
	39700	2001	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	
	39700	2002	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
	39700	2003	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39700	2004	34,015.00	26,609	3,107	23,502	69.1%	69.1%	69.1%	69.1%	69.1%	69.09%	69.09%	69.09%	69.09%	69.09%
	39700	2005	0.00	-	-	0	NA	69.1%	69.1%	69.1%	69.1%	69.09%	69.09%	69.09%	69.09%	69.09%
	39700	2006	792,568.00	-	-	0	0.0%	0.0%	2.8%	2.8%	2.8%	2.84%	2.84%	2.84%	2.84%	2.84%
	39700	2007	0.00	-	-	0	NA	0.0%	0.0%	2.8%	2.8%	2.84%	2.84%	2.84%	2.84%	2.84%
	39700	2008	16,529.96	-	-	0	0.0%	0.0%	0.0%	0.0%	2.8%	2.79%	2.79%	2.79%	2.79%	2.79%
	39700	2009	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	2.79%	2.79%	2.79%	2.79%	2.79%
	39700	2010	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	2.79%	2.79%	2.79%	2.79%
	39700	2011	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	2.79%	2.79%	2.79%
	39700	2012	24,247,439.73	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.09%	0.09%
	39700	2013	118,855.67	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.09%
	39700	2014	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2015	34,412.20	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2016	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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	39700	2017	1,440,195.73	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2018	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2019	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2020	664,148.96	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2021	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39700	2022	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39800-Miscellaneous Equipment		1996	149,090.00	9,000	-	9,000	6.0%									
	39800	1997	0.00	-	-	0	NA	6.0%								
	39800	1998	0.00	-	-	0	NA	NA	6.0%							
	39800	1999	0.00	-	-	0	NA	NA	NA	6.0%						
	39800	2000	0.00	-	-	0	NA	NA	NA	NA	6.0%					
	39800	2001	0.00	-	-	0	NA	NA	NA	NA	NA	6.04%				
	39800	2002	0.00	-	-	0	NA	NA	NA	NA	NA	NA	6.04%			
	39800	2003	56,637.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	4.37%		
	39800	2004	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	4.37%	
	39800	2005	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	4.37%
	39800	2006	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2007	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2008	419,274.36	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2009	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2010	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2011	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2012	25,971.27	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2013	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2014	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2015	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2016	190,238.12	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2017	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2018	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2019	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2020	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2021	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39800	2022	36,386.96	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39800-Miscellaneous Equipment		2007	0.00	-	-	0	NA									
	39809	2008	0.00	-	-	0	NA	NA								
	39809	2009	0.00	-	-	0	NA	NA	NA							
	39809	2010	0.00	-	-	0	NA	NA	NA	NA						
	39809	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39809	2012	0.00	-	-	0	NA	NA	NA	NA	NA	NA				

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	39809	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA			
	39809	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA		
	39809	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	39809	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39809	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39809	2018	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39809	2019	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39809	2020	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39809	2021	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39809	2022	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39900-Other Tangible Property		1994	219,471.00	-	-	0	0.0%									
39910-CKV-Other Tangible Property		1995	0.00	-	-	0	NA	0.0%								
39918-CKV-Other Tangible Property		1996	0.00	-	-	0	NA	NA	0.0%							
39924-Other Tangible Property General		1997	0.00	-	-	0	NA	NA	NA	0.0%						
	39900	1998	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39900	1999	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39900	2000	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%			
	39900	2001	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%		
	39900	2002	8,143.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	
	39900	2003	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2004	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2005	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2006	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2007	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2008	224,866.15	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2009	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2010	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2011	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2011	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2012	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2013	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
	39900	2014	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%
	39900	2015	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	0.00%	0.00%
	39900	2016	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00%
	39900	2017	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	39900	2018	629,166.46	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2019	162,267.97	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2020	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2021	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39900	2022	1,651.55	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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39921-OthTang Prop-Servers-H/W-AEAM																
39901-Oth Tang Prop - Servers - H/W		2007	0.00	-	-	0	NA									
	39901	2008	0.00	-	-	0	NA	NA								
	39901	2009	0.00	-	-	0	NA	NA	NA							
	39901	2010	0.00	-	-	0	NA	NA	NA	NA						
	39901	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39901	2012	10,873,204.70	-	(129)	129	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%				
	39901	2013	3,585,983.60	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%			
	39901	2014	452,050.30	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%		
	39901	2015	8,526,616.39	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	
	39901	2016	458,170.94	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39901	2017	1,469,953.03	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39901	2018	18,837,035.72	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39901	2019	106,175.33	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39901	2020	7,303,174.25	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39901	2021	67,314.03	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39901	2022	1,478,152.02	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39922-OthTang Prop-Servers-S/W-AEAM																
39902-Oth Tang Prop - Servers - S/W		2007	0.00	-	-	0	NA									
	39902	2008	0.00	-	-	0	NA	NA								
	39902	2009	0.00	-	-	0	NA	NA	NA							
	39902	2010	0.00	-	-	0	NA	NA	NA	NA						
	39902	2011	0.00	-	-	0	NA	NA	NA	NA	NA					
	39902	2012	6,624,795.54	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%				
	39902	2013	1,467,367.65	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%			
	39902	2014	497,701.44	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%		
	39902	2015	226,110.26	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	
	39902	2016	163,043.25	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39902	2017	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39902	2018	991,615.69	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39902	2019	10,688,603.52	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39902	2020	675,486.81	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39902	2021	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39902	2022	1,110,279.74	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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39923-OthTang Prop-Network-H/W-AEAM																
39903-Oth Tang Prop - Network - H/W		2006	11,472.00	-	-	0	0.0%									
	39903	2007	0.00	-	-	0	NA	0.0%								
	39903	2008	0.00	-	-	0	NA	NA	0.0%							
	39903	2009	0.00	-	-	0	NA	NA	NA	0.0%						
	39903	2010	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39903	2011	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39903	2012	886,043.63	-	1,278	(1,278)	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.14%	-0.14%			
	39903	2013	110,058.63	-	-	0	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.13%	-0.13%	-0.13%		
	39903	2014	237,149.12	-	-	0	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.10%	-0.10%	-0.10%	-0.10%	
	39903	2015	1,348,505.07	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	-0.05%	-0.05%	-0.05%	-0.05%	-0.05%
	39903	2016	33,700.31	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	-0.05%	-0.05%	-0.05%	-0.05%	-0.05%
	39903	2017	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	-0.05%	-0.05%	-0.05%	-0.05%	-0.05%
	39903	2018	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	-0.05%	-0.05%	-0.05%	-0.05%
	39903	2019	154,713.05	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	-0.05%	-0.05%	-0.05%
	39903	2020	2,698,241.83	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	-0.02%	-0.02%
	39903	2021	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	-0.02%
	39903	2022	51,006.75	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
39916-CKV-Oth Tang Prop-PC Hardware																
39906-Oth Tang Prop - PC Hardware		1994	97,832.00	-	-	0	0.0%									
	39906	1995	0.00	-	-	0	NA	0.0%								
	39906	1996	116,913.00	-	-	0	0.0%	0.0%	0.0%							
	39906	1997	0.00	-	-	0	NA	0.0%	0.0%	0.0%						
	39906	1998	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%					
	39906	1999	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%				
	39906	2000	2,832.00	3,000	45	2,955	104.3%	104.3%	104.3%	104.3%	2.5%	2.47%	1.36%			
	39906	2001	0.00	-	-	0	NA	104.3%	104.3%	104.3%	104.3%	2.47%	2.47%	1.36%		
	39906	2002	6,189,732.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.05%	0.05%	0.05%	0.05%	
	39906	2003	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.05%	0.05%	0.05%	0.05%	0.05%
	39906	2004	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.05%	0.05%	0.05%	0.05%	0.05%
	39906	2005	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.05%	0.05%	0.05%	0.05%	0.05%
	39906	2006	2,632,955.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.03%	0.03%	0.03%	0.03%
	39906	2007	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.03%	0.03%	0.03%
	39906	2008	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.03%	0.03%
	39906	2009	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.03%
	39906	2010	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2011	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2011	2,825,516.07	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2012	4,649,967.16	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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Account and Description		Activity Year	Retirement	Gross Salvage	Cost of Removal	Net Salvage	Net Salv. %	2- yr Net Salv. %	3- yr Net Salv. %	4- yr Net Salv. %	5- yr Net Salv. %	6- yr Net Salv. %	7- yr Net Salv. %	8- yr Net Salv. %	9- yr Net Salv. %	10- yr Net Salv. %
	39906	2013	217,743.76	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2014	162,561.94	250	-	250	0.2%	0.1%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2015	1,660,308.12	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2016	696,097.17	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2017	18,020.39	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39906	2018	1,537,084.51	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.01%	0.00%	0.00%	0.00%	0.00%
	39906	2019	148,508.48	3,272	-	3,272	2.2%	0.2%	0.2%	0.1%	0.1%	0.08%	0.08%	0.04%	0.03%	0.03%
	39906	2020	963,667.27	-	-	0	0.0%	0.3%	0.1%	0.1%	0.1%	0.07%	0.07%	0.07%	0.04%	0.03%
	39906	2021	0.00	-	-	0	NA	0.0%	0.3%	0.1%	0.1%	0.10%	0.07%	0.07%	0.07%	0.04%
	39906	2022	0.00	-	-	0	NA	NA	0.0%	0.3%	0.1%	0.12%	0.10%	0.07%	0.07%	0.07%
39917-CKV-Oth Tang Prop-PC Software																
39907-Oth Tang Prop - PC Software		1994	38,759.00	-	-	0	0.0%									
	39907	1995	0.00	-	-	0	NA	0.0%								
	39907	1996	0.00	-	-	0	NA	NA	0.0%							
	39907	1997	0.00	-	-	0	NA	NA	NA	0.0%						
	39907	1998	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39907	1999	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%				
	39907	2000	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%			
	39907	2001	0.00	-	-	0	NA	NA	NA	NA	NA	NA	NA	0.00%		
	39907	2002	861,539.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	
	39907	2003	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2004	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2005	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2006	16,495.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2007	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2008	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2009	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2010	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2011	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2011	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
	39907	2012	2,918,743.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2013	366,151.43	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2014	599,561.35	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2015	864,237.58	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2016	143,270.73	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2017	132,181.39	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2018	192,229.23	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2019	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2020	325,856.38	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2021	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39907	2022	3,261.74	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%

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39928-Oth Tang Prop-Appl SW-AEAM																
39908-Oth Tang Prop - Appl Software		1995	5,256.00	-	-	0	0.0%									
	39908	1996	0.00	-	-	0	NA	0.0%								
	39908	1997	0.00	-	-	0	NA	NA	0.0%							
	39908	1998	0.00	-	-	0	NA	NA	NA	0.0%						
	39908	1999	0.00	-	-	0	NA	NA	NA	NA	0.0%					
	39908	2000	8,032,596.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%				
	39908	2001	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%			
	39908	2002	9,573,067.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%		
	39908	2003	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	
	39908	2004	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2005	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2006	731,136.00	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2007	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2008	0.00	-	-	0	NA	NA	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2009	0.00	-	-	0	NA	NA	NA	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2010	0.00	-	-	0	NA	NA	NA	NA	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2011	0.00	-	-	0	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2011	0.00	-	-	0	NA	NA	NA	NA	NA	NA	0.00%	0.00%	0.00%	0.00%
	39908	2012	2,603,072.12	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2013	60,097,599.00	-	206	(206)	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2014	-68,544.72	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2015	4,526,869.43	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2016	53,544,165.22	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2017	4,718,848.37	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2018	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2019	3,612,552.62	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2020	3,254,702.42	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2021	0.00	-	-	0	NA	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%
	39908	2022	643,414.10	-	-	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.00%	0.00%	0.00%	0.00%