

ATTACHMENT CB-1

The Prime Group LLC

2024 Depreciation Study South Kentucky RECC

December 2024

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The Prime Group LLC[©]

Executive Summary

The Prime Group LLC (“The Prime Group”) prepared a depreciation study for South Kentucky RECC (“South Kentucky”). In developing its recommended depreciation rates, The Prime Group performed a Simulated Property Records (“SPR”) analysis to identify the appropriate survivor curve and average service life (“ASL” or “service life”) that most accurately matched South Kentucky’s historical retirement data. The Prime Group also performed an analysis of historical salvage values and removal costs to estimate net salvage percentages. In calculating the proposed depreciation rates the average service life depreciation procedure, the straight-line method, and the whole life basis were utilized.

The depreciation study rates were determined using standard methodologies used in the electric utility industry and accepted by the Kentucky Public Service Commission for electric cooperatives in Kentucky.

The primary purpose of performing a depreciation study is to ensure that there is an appropriate matching between the recovery of the original cost of plant and the useful economic life of the property. A service life that is too short places excessive burden on current customers to the benefit of future customers by charging current customers depreciation expenses that are overstated. A service life that is too long creates a risk that the utility may not be able to recover its costs, creates long-term exposure to risks of realizing stranded costs, and places an inappropriate burden on future customers.

Description of South Kentucky RECC

South Kentucky serves approximately 70,600 residential, commercial, and industrial members and has 7,099 miles of energized electric lines. South Kentucky operates in 11 counties in the southern part of Kentucky and 2 counties in the northern part of Tennessee. South Kentucky is a member-owned electric cooperative that operates on a not-for-profit basis. South Kentucky purchases electric power from its wholesale supplier, East Kentucky Power Cooperative, Inc. (“EKPC”), and distributes the power to members within its service territory.

Description of Life Methodology

The purpose of performing a depreciation study is to ensure that the depreciation expenses recorded by the utility and included in cost of service represent a reasonably accurate and systematic measurement of the annual accrual levels necessary to distribute plant costs, less salvage and removal, over the estimated useful life of the assets.

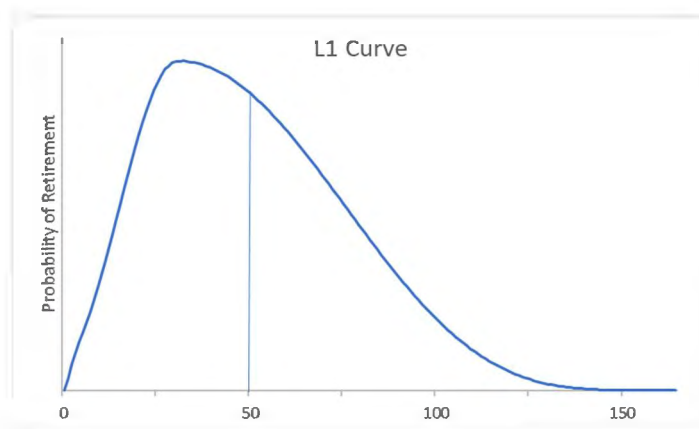
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Where sufficient data was available, the average service lives (“ASLs”) were determined by identifying the survivor curve and associated ASL that best fit the pattern of retirements or plant balances from the historical data provided by South Kentucky. A computer software model was used to perform a Simulated Property Records (“SPR”) analysis using the plant additions and retirements for each major plant account. For each of 40 standard survivor curves, the SPR model calculated the (a) the sum of square differences (SSDs) between the actual retirements and simulated retirements, (b) the sum of absolute differences (SADs) between the actual retirements and simulated retirements, and (c) the SSDs between the actual plant balances and simulated plant balances for the years 2017, 2020, and 2023. The computer model also produces a graph of the simulated plant and simulated retirements compared to actual plant and retirements. These graphs are used in validating the survivor curve.

The survivor curves utilized in this study correspond to the “Iowa Curves” that were developed under the direction of Robley Winfrey at Iowa State University, as described in various bulletins and publications. These curves are still widely used within the electric utility industry.

The original Iowa State publications identified four classes of survivor curves: (i) Left-Model Curves (“L” curves), (ii) Right-Model Curves (“R” curves), (iii) Symmetrical Curves (“S” curves), and (iv) Origin Model Curves (“O” curves).

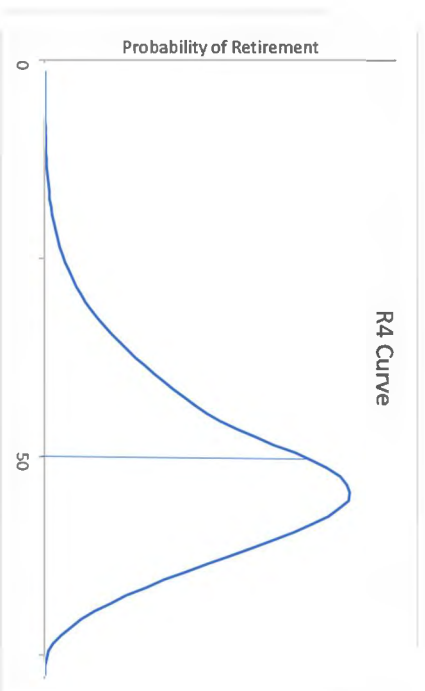
With the “L” curve, most of the property is retired prior to the ASL; therefore, the probability density curve is skewed toward the left, as illustrated in the following graph showing an L1 curve with an ASL of 50 years:



A characteristic of the “L” class of survivor curves is that while the high percentage of the property is retired prior to the average service life, the longer the property has been in service the less likely it is to fail, as illustrated by the long tail of the probability density curve on the right.

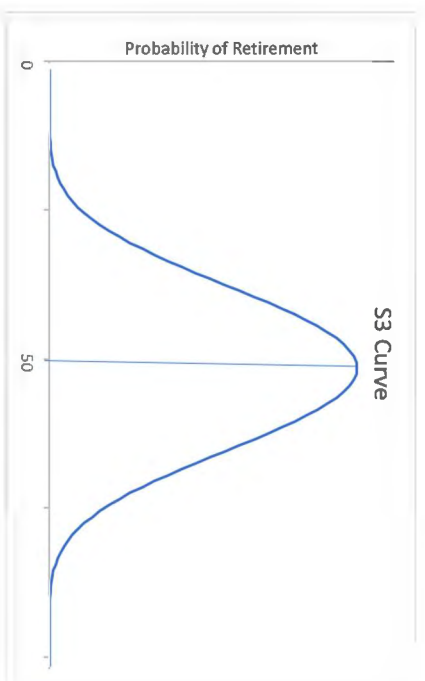
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With an “R” curve, most of the property is retired after the ASL; therefore, the probability density curve is skewed to the right. This is illustrated in the following graph showing the R1 curve with an ASL of 50 years:

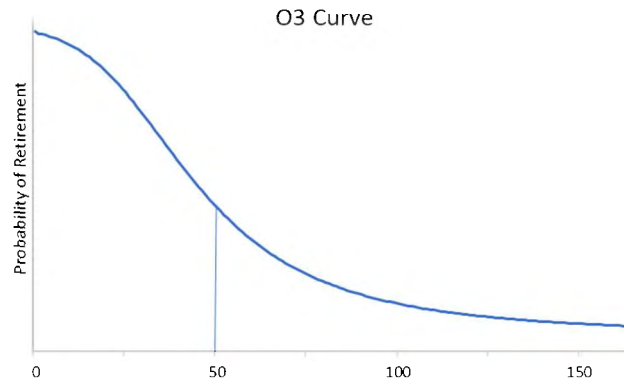


A characteristic of the “R” class of survivor curves is that most of the property is retired after the average service life. However, the longer the property has been in service the more likely it is to fail, as illustrated by the short tail of the probability density curve on the right.

With the “S” curves, the retirements are distributed symmetrically about the ASL, in a manner similar to the bell-shaped Gaussian or Normal curve. This is illustrated in the following graph showing the S3 curve with an ASL of 50 years:



With the “O” class of curves, most of the plant is retired in the earliest years of the plant life, as illustrated in the following graph showing the O3 curve with an ASL of 50 years:



In addition to the curves identified in the Iowa State publications, so-called “half curves” were also utilized in the SPR analysis. Half curves are simple averages between two curves within the same class of Iowa Curves. For example, The S1.5 curve represents the simple average of an S1 and S2 curve.

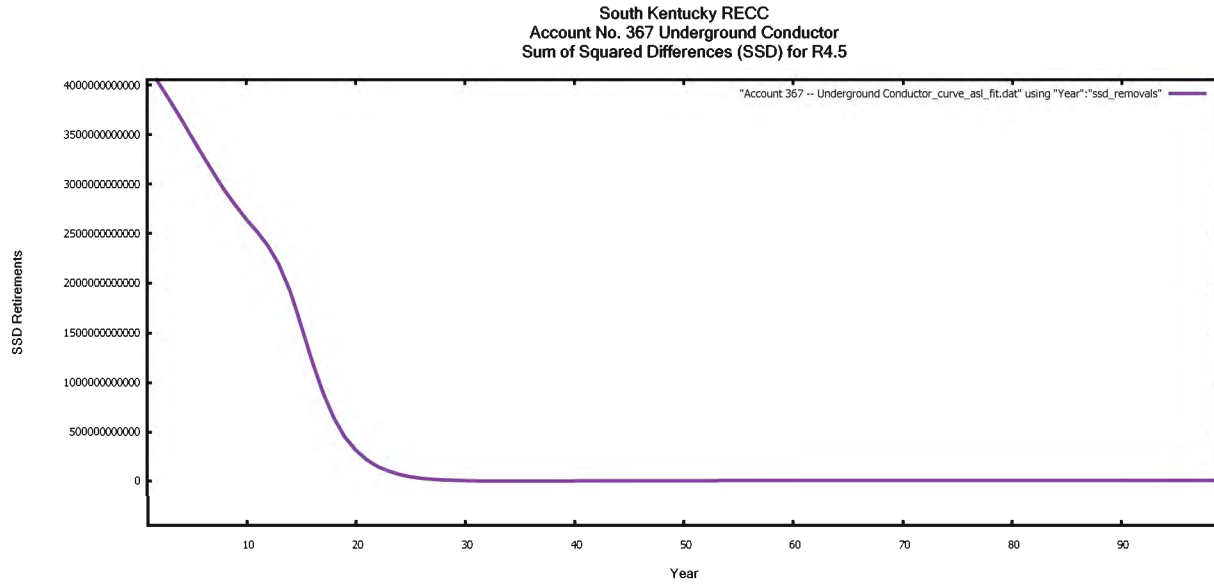
The following is a list of the Iowa Curves used in the SPR analysis:

- **L Curves (11):** L0, L0.5, L1, L1.5, L2, L2.5, L3, L3.5, L4, L4.5, L5
- **R Curves (9):** R1, R1.5, R2, R2.5, R3, R3.5, R4, R4.5, R5
- **S Curves (13):** S0, S0.5, S1, S1.5, S2, S2.5, S3, S3.5, S4, S4.5, S5, S5.5, S6
- **O Curves (7):** O1, O1.5, O2, O2.5, O3, O3.5, O4

For each survivor curve, the SPR model identifies the ASL that “optimizes” the SSD between simulated and actual retirements by determining the ASL that generates the minimum SSD for each curve. The model also calculates the sum of absolute differences (SAD) for the optimal curve determined based on minimum SSD.

This optimization process is illustrated in the graph showing the SSD between actual retirements and simulated retirements based on an R4.5 Iowa Curve for South Kentucky’s plant data for Underground Conductor plant.

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In this graph, the SSDs between simulated and actual retirements are minimized when the ASL is equal to approximately 34 years. This process is similar to the minimization of the sum of squares (“least squares”) used in linear regression models.

The proposed Iowa Curves and associated ASLs for the major property groups were developed based on the information included in the SPR analysis while also considering qualitative information obtained from discussions with South Kentucky’s executive and engineering staff. The selection of the Iowa Curves and ASLs was guided by the minimum SSDs for retirements and plant balances.

Net Salvage Methodology

Net Salvage is the result of adding the gross salvage received for plant removed from service and the cost of removal. The trend in the industry is that removal costs are increasing more rapidly than salvage. Typically, net salvage is analyzed over the most recent five-year, ten-year or longer periods of time. Net Salvage is often adjusted if there is a discernable trend in the data.

In this study, 5 years of annual salvage amounts and removal accounts were analyzed for the distribution accounts. A net salvage percentage was calculated for each of the 5 years. The negative net salvage percentage is calculated as follows:

$$\text{Negative Net Salvage Percentage} = \frac{\text{Gross Salvage} - \text{Removal Cost}}{\text{Plant Retirements}}$$

Depreciation Rate Methodology

The depreciation accrual rates are calculated using the average service life depreciation procedure, the straight-line method, and the whole life basis. Using this approach, the whole life annual accrual for each category of plant is determined by dividing one less the net salvage percentage (stated as a ratio) by the ASL, as follows:

$$\text{Depreciation Rate} = \frac{1 - \text{Net Salvage Ratio}}{\text{ASL}}$$

The Prime Group is not proposing to modify the depreciation rates for plant accounts in which sufficient retirement data are unavailable. The ASLs and net salvage percentages for these accounts appear to be reasonable based on comparisons with other utilities in Kentucky.

Analysis of Property Records

For Account 362 – Station Equipment, the regular station equipment was analyzed using the SPR model. The SPR model supported the use of an O4 Iowa Curve with an ASL of 30 years. The Prime Group is proposing a negative net salvage of -1% for this account.

For Account 364 – Poles, Towers and Fixtures, the SPR analysis supported an L0 Iowa Curve with an ASL of 42 years. The Prime Group is proposing a negative net salvage of -54% for this account.

For Account 365 – Overhead Conductor & Devices, the SPR analysis supported an R1 Iowa Curve with an ASL of 56 years. The Prime Group is proposing a negative net salvage of -46% for this account.

The SPR analysis for Account 366 – Underground Conduit indicated supported an R4 Iowa Curve with an ASL of 49 years. The Prime Group is proposing a net salvage of 0% for this account.

For Account 367 – Underground Conductor & Devices, the SPR analysis supported an R4.5 Iowa Curve with an ASL of 34 years. The Prime Group is proposing a negative net salvage of -15% for this account.

With Account 368 – Line Transformers, the SPR analysis supported an L3 Iowa Curve with an ASL of 40 years. The Prime Group is proposing a negative net salvage of -23% for this account.

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For Account 369 – Services, the SPR analysis supported an S3 IOWA Curve with an ASL of 45 years. The Prime Group is proposing a negative net salvage of -54% for this account.

With Account 370 – Meters, the SPR analysis supported an S6 IOWA Curve with an ASL of 13 years. The Prime Group is proposing a negative net salvage of -1% for this account.

For Account 371 – Installations on Consumer Premises, the SPR analysis supported an S0 IOWA Curve with an ASL of 18 years. The Prime Group is proposing a negative net salvage of -15% for this account.

With Account 373 – Streetlighting, the SPR analysis supported an O3 IOWA Curve with an ASL of 18 years. The Prime Group is proposing a negative net salvage of -15% for this account.

The parameter results from the depreciation property record analysis, as discussed above, are shown in the following table (TABLE 1):

TABLE 1
Summary of Depreciation Parameters

Account	Description	Survivor Curve	Average Service Life (ASL)	Net Salvage
		Proposed	Proposed	Proposed
361	Structures and Improvements			
362	Station Equipment	O4	30	-1
364	Poles Towers & Fixtures	L0	42	-54
365	Overhead Conductor & Devices	R1	56	-46
366	Underground Conduit	R4	49	0
367	Underground Conductor & Device	R4.5	34	-15
368	Line Transformers	L3	40	-23
369	Services	S3	45	-54
370	Meters	S6	13	-1
371	Installations of Consumer Premise	S0	18	-15
373	Street Lighting & Signal Systems	O3	18	-15

Recommended Depreciation Rates

An SPR analysis was used to determine South Kentucky's depreciation rates. This is a standard methodology for electric distribution cooperatives. As discussed above, the

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recommended service lives were developed based on an SPR analysis and the net salvage percentages were developed based on empirical data. The following table (TABLE 2) is a summary of the current depreciation rates and the recommended depreciation rates. As discussed above, while The Prime Group is recommending changes to most of the service lives, the proposed changes in the net salvage percentages offset the impact of the changes in the service lives in the calculation of the depreciation rates.

TABLE 2
Summary of Depreciation Rates

Account	Description	Depreciation Rates	
		Current	Proposed
361	Structures and Improvements	2.975%	2.975%
362	Station Equipment	3.367%	3.367%
364	Poles Towers & Fixtures	3.700%	3.667%
365	Overhead Conductor & Devices	2.642%	2.607%
366	Underground Conduit	2.083%	2.041%
367	Underground Conductor & Devices	3.088%	3.382%
368	Line Transformers	3.026%	3.075%
369	Services	3.452%	3.422%
370	Meters	5.050%	7.769%
371	Installations of Consumer Premises	5.789%	6.389%
373	Street Lighting & Signal Systems	5.789%	6.389%

The Prime Group proposes that South Kentucky take measured steps in adjusting its service lives and net salvage percentages.

Depreciation Expense Impact

The following table (TABLE 3) shows the effect of the proposed depreciation rates based on plant as of December 31, 2023. Specifically, the table shows the impact of applying South Kentucky’s current rates compared to applying the depreciation rates proposed in this report to year-end 2023 plant balances.

TABLE 3
Summary of Annual Depreciation Expenses

Account	Description	Dec. 31, 2023 Investment	Depreciation Accrual at Current Rates	Depreciation Accrual at Proposed Rates
362	Station Equipment	944,144	31,789.34	31,789.34
364	Poles Towers & Fixtures	73,680,362	2,726,173.41	2,701,858.89
365	Overhead Conductor & Devices	74,544,840	1,969,474.66	1,943,383.97
366	Underground Conduit	668,536	13,925.61	13,644.83
367	Underground Conductor & Devices	11,064,794	341,680.84	374,211.33
368	Line Transformers	49,484,220	1,497,392.51	1,521,639.77
369	Services	34,665,176	1,196,641.87	1,186,242.32
370	Meters	15,082,809	761,681.83	1,171,783.40
371	Installations of Consumer Premises	13,643,825	789,841.01	871,703.96
373	Street Lighting & Signal Systems	1,328,315	76,896.13	84,866.02
	Total	275,107,021	9,405,497	9,901,124

RUS Ranges

In its Bulletin 183-1, Rural Utility Services (“RUS”) provides a range of depreciation rates for distribution plant. The only proposed depreciation rates outside of the RUS range are for Account 362 – Station Equipment, Account 367 – Underground Conductor & Devices, Account 371 – Installations on Customer Premises, and Account 373 – Street Lighting & Signal Systems. The following table (TABLE 4) compares the recommended rates to the ranges prescribed by RUS:

TABLE 4
Comparison with RUS Ranges

Account	Description	Proposed Rates	RUS Range
362	Station Equipment	3.367%	2.7% - 3.2%
364	Poles Towers & Fixtures	3.667%	3.0% - 4.0%
365	Overhead Conductor & Devices	2.607%	2.3% - 2.8%
366	Underground Conduit	2.041%	1.8% - 2.3%
367	Underground Conductor & Devices	3.382%	2.4% - 2.9%
368	Line Transformers	3.075%	2.6% - 3.1%
369	Services	3.422%	3.1% - 3.6%
370	Meters	7.769%	2.9% - 3.4%
371	Installations of Consumer Premises	6.389%	3.9% - 4.4%
373	Street Lighting & Signal Systems	6.389%	3.8% - 4.3%

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Five Year Forecast

One of the RUS depreciation study requirements is a five-year forecast of the investment and associated reserves. The basis of the forecast is the end of year 2023 plant and reserve balances and the total distribution plant additions from the 2019 RUS Forecast (RUS Form 325g) for the period 2019 to 2028. To develop an account-based additions forecast, the total distribution additions were allocated to the individual accounts using an average based on the prior four years (2020 through 2023).

The forecast shows gradually increasing distribution investment and depreciation reserves. The depreciation reserve ratios in 2028 are listed in the following table:

TABLE 5
Summary of 2028 Depreciation Reserves

Account	Five-Year Forecast Reserve Ratio	Amount To Be Depreciated	Percent Depreciated in 2028
362 Station & Equipment	41.4%	101%	41.0%
364 Poles, Towers & Fixtures	41.0%	154%	26.6%
365 Overhead Conds & Devices	37.2%	146%	25.5%
366 Underground Conduit	40.3%	100%	40.3%
367 Underground Conds & Devices	38.5%	115%	33.4%
368 Line Transformers	36.4%	123%	29.6%
369 Services	42.4%	154%	27.5%
370 Meters	52.4%	101%	51.9%
371 Instal on Cons Premises	39.6%	115%	34.4%
373 St Ltg & Signal Systems	24.9%	115%	21.6%
Total Distribution	39.8%	100%	39.8%

The forecasted reserves are reasonable, considering the spending and retirement trends for the accounts.

Study Exhibits

On a Total Company Basis

Appendix A -- Analysis of Depreciation Rates

Appendix B – Analysis of Change in Depreciation Expenses

Appendix C – Five Year Forecast

Appendix D – Depreciation Analysis by Account:

- (a) Summary of SPR Analysis and Theoretical Reserve
- (b) Graph of Survivor Curve
- (c) Graph of Simulated Balances to Book Balances
- (d) Account Investment Summary
- (e) Net Salvage Table

Appendix A
Analysis of Depreciation Rates

**South Kentucky
Analysis of Depreciation Rates**

Account	Description	Survivor Curve	Average Service Life (ASL)	Net Salvage
		Proposed	Proposed	Proposed
361	Structures and Improvements			
362	Station Equipment	O4	30	-1
364	Poles Towers & Fixtures	L0	42	-54
365	Overhead Conductor & Devices	R1	56	-46
366	Underground Conduit	R4	49	0
367	Underground Conductor & Devices	R4.5	34	-15
368	Line Transformers	L3	40	-23
369	Services	S3	45	-54
370	Meters	S6	13	-1
371	Installations of Consumer Premises	S0	18	-15
373	Street Lighting & Signal Systems	O3	18	-15

Depreciation Rates	
Current	Proposed
2.975%	2.975%
3.367%	3.367%
3.700%	3.667%
2.642%	2.607%
2.083%	2.041%
3.088%	3.382%
3.026%	3.075%
3.452%	3.422%
5.050%	7.769%
5.789%	6.389%
5.789%	6.389%

Appendix B
Analysis of Change in
Depreciation Expenses

**South Kentucky
Analysis of Change in Depreciation Rates**

Account	Description	Dec. 31, 2023 Investment	Depreciation Accrual at Current Rates	Depreciation Accrual at Proposed Rates
362	Station Equipment	944,144	31,789.34	31,789.34
364	Poles Towers & Fixtures	73,680,362	2,726,173.41	2,701,858.89
365	Overhead Conductor & Devices	74,544,840	1,969,474.66	1,943,383.97
366	Underground Conduit	668,536	13,925.61	13,644.83
367	Underground Conductor & Devices	11,064,794	341,680.84	374,211.33
368	Line Transformers	49,484,220	1,497,392.51	1,521,639.77
369	Services	34,665,176	1,196,641.87	1,186,242.32
370	Meters	15,082,809	761,681.83	1,171,783.40
371	Installations of Consumer Premises	13,643,825	789,841.01	871,703.96
373	Street Lighting & Signal Systems	1,328,315	76,896.13	84,866.02
	Total	275,107,021	9,405,497	9,901,124

Appendix C
Five Year Forecast

South Kentucky RECC

FIVE YEAR FORECAST INVESTMENT

Total Transmission Plant	2023 End of Year	2024			2025			2026		
	<u>Investment</u>	<u>Additions</u>	<u>Retirements</u>	<u>End of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>End of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>End of Year</u>
362 Station & Equipment	944,144	32,125	389	975,880	33,089	402	1,008,566	34,081	416	1,042,231
364 Poles, Towers & Fixtures	73,680,362	2,649,835	539,116	75,791,081	2,729,330	554,560	77,965,851	2,811,210	570,473	80,206,588
365 Overhead Conds & Devices	74,544,840	2,318,307	411,515	76,451,631	2,387,856	422,041	78,417,446	2,459,492	432,893	80,444,044
366 Underground Conduit	668,536	9,034	854	676,716	9,305	864	685,157	9,584	875	693,866
367 Underground Conds & Devices	11,064,794	550,668	25,838	11,589,624	567,188	27,063	12,129,749	584,204	28,325	12,685,628
368 Line Transformers	49,484,220	2,238,648	395,874	51,326,995	2,305,808	410,616	53,222,186	2,374,982	425,777	55,171,391
369 Services	34,665,176	1,259,828	132,059	35,792,945	1,297,623	136,355	36,954,213	1,336,551	140,779	38,149,985
370 Meters	15,082,809	1,052,253	135,745	15,999,317	1,083,820	143,994	16,939,143	1,116,335	152,452	17,903,026
371 Instal on Cons Premises	13,643,825	1,069,060	496,567	14,216,318	1,101,132	517,403	14,800,047	1,134,166	538,647	15,395,566
373 St Ltg & Signal Systems	1,328,315	108,580	88,191	1,348,703	111,837	89,545	1,370,995	115,192	91,025	1,395,162
Total Distribution	275,107,021	11,288,337	2,226,148	284,169,210	11,626,987	2,302,844	293,493,353	11,975,797	2,381,663	303,087,487
			0.8%			0.8%			0.8%	

FIVE YEAR FORECAST RESERVE

Total Transmission Plant	2023 End of Year	2024			2025			2026		
	<u>Reserve</u>	<u>Accruals</u>	<u>Net Salvage</u>	<u>End of Year</u>	<u>Accruals</u>	<u>Net Salvage</u>	<u>End of Year</u>	<u>Accruals</u>	<u>Net Salvage</u>	<u>End of Year</u>
362 Station & Equipment	290,411	32,324	(4)	322,341	33,408	(4)	355,343	34,525	(4)	389,448
364 Poles, Towers & Fixtures	24,663,096	2,765,222	(258,776)	26,630,426	2,819,133	(299,462)	28,595,537	2,900,092	(308,055)	30,617,101
365 Overhead Conds & Devices	24,237,242	1,994,663	(164,606)	25,655,784	2,018,718	(194,139)	27,058,322	2,070,760	(199,131)	28,497,057
366 Underground Conduit	220,668	14,011	-	233,824	13,898	-	246,858	14,073	-	260,056
367 Underground Conds & Devices	3,417,579	349,784	(1,292)	3,740,234	401,095	(4,060)	4,110,205	419,628	(4,249)	4,497,260
368 Line Transformers	15,827,164	1,525,274	(59,381)	16,897,182	1,607,444	(94,442)	17,999,568	1,666,551	(97,929)	19,142,413
369 Services	11,858,503	1,216,107	(59,426)	12,883,125	1,244,704	(73,632)	13,917,842	1,285,033	(76,021)	14,986,075
370 Meters	4,864,554	777,053	(1,357)	5,504,505	1,279,494	(1,440)	6,638,565	1,353,444	(1,525)	7,838,033
371 Instal on Cons Premises	4,908,476	806,412	(49,657)	5,168,665	926,928	(77,610)	5,500,579	964,599	(80,797)	5,845,734
373 St Ltg & Signal Systems	445,829	77,486	(8,819)	426,304	86,881	(13,432)	410,208	88,365	(13,654)	393,894
Total Distribution	90,733,520	9,558,336	(603,318)	97,462,390	10,431,703	(758,220)	104,833,028	10,797,069	(781,364)	112,467,071
Composition Rate	33.0%	3.42%		34.3%	3.61%		35.7%	3.62%		37.1%

South Kentucky RECC

FIVE YEAR FORECAST INVESTMENT

	<u>Additions</u>	2027			2028			2029		
		<u>Retirements</u>	<u>End of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>End of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>End of Year</u>	
Total Transmission Plant										
362 Station & Equipment	35,104	430	1,076,905	36,157	444	1,112,618	37,241	459	1,149,401	
364 Poles, Towers & Fixtures	2,895,546	586,868	82,515,266	2,982,412	603,761	84,893,918	3,071,885	621,165	87,344,638	
365 Overhead Conds & Devices	2,533,276	444,081	82,533,239	2,609,275	455,614	84,686,900	2,687,553	467,503	86,906,950	
366 Underground Conduit	9,872	886	702,851	10,168	898	712,121	10,473	910	721,684	
367 Underground Conds & Devices	601,730	29,623	13,257,735	619,782	30,959	13,846,558	638,375	32,334	14,452,600	
368 Line Transformers	2,446,232	441,371	57,176,251	2,519,618	457,410	59,238,460	2,595,207	473,908	61,359,759	
369 Services	1,376,648	145,334	39,381,299	1,417,947	150,025	40,649,222	1,460,486	154,855	41,954,852	
370 Meters	1,149,825	161,127	18,891,724	1,184,320	170,026	19,906,018	1,219,850	179,154	20,946,714	
371 Instal on Cons Premises	1,168,191	560,321	16,003,435	1,203,236	582,445	16,624,227	1,239,333	605,038	17,258,522	
373 St Ltg & Signal Systems	118,648	92,630	1,421,181	122,207	94,357	1,449,031	125,874	96,206	1,478,699	
Total Distribution	12,335,071	2,462,671	312,959,887	12,705,123	2,545,937	323,119,072	13,086,277	2,631,532	333,573,817	
		0.8%			0.8%			0.8%		

FIVE YEAR FORECAST RESERVE

	<u>Accruals</u>	2027			2028			2029		
		<u>Net Salvage</u>	<u>End of Year</u>	<u>Accruals</u>	<u>Net Salvage</u>	<u>End of Year</u>	<u>Accruals</u>	<u>Net Salvage</u>	<u>End of Year</u>	
Total Transmission Plant										
362 Station & Equipment	35,676	(4)	424,690	36,861	(4)	461,102	38,081	(5)	498,720	
364 Poles, Towers & Fixtures	2,983,505	(316,909)	32,696,829	3,069,447	(326,031)	34,836,485	3,157,994	(335,429)	37,037,885	
365 Overhead Conds & Devices	2,124,409	(204,277)	29,973,108	2,179,715	(209,583)	31,487,626	2,236,726	(215,051)	33,041,797	
366 Underground Conduit	14,253	-	273,423	14,440	-	286,965	14,632	-	300,687	
367 Underground Conds & Devices	438,702	(4,443)	4,901,896	458,334	(4,644)	5,324,627	478,539	(4,850)	5,765,982	
368 Line Transformers	1,727,345	(101,515)	20,326,872	1,789,876	(105,204)	21,554,134	1,854,198	(108,999)	22,825,425	
369 Services	1,326,560	(78,481)	16,088,821	1,369,322	(81,014)	17,227,104	1,413,356	(83,622)	18,401,983	
370 Meters	1,429,292	(1,611)	9,104,586	1,507,098	(1,700)	10,439,959	1,586,924	(1,792)	11,845,937	
371 Instal on Cons Premises	1,003,041	(84,048)	6,204,405	1,042,291	(87,367)	6,576,885	1,082,384	(90,756)	6,963,475	
373 St Ltg & Signal Systems	89,968	(13,894)	377,338	91,689	(14,154)	360,517	93,526	(14,431)	343,406	
Total Distribution	11,172,752	(805,183)	120,371,968	11,559,072	(829,700)	128,555,403	11,956,360	(854,934)	137,025,297	
Composition Rate	3.63%		38.5%	3.63%		39.8%	3.64%		41.1%	

Appendix D
Depreciation Analysis by Account

Account 362 – Station and Equipment

South Kentucky RECC
 Account 362 -- Station and Equipment

Simulated Retirements for Iowa Curve O4 with ASL = 30

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1960	425156	0	425156	0	425156	0	0
1961	26810	0	451965	15934	436031	-15934	15934
1962	0	0	451965	16783	419248	-16783	32717
1963	0	1014	450951	16551	402698	-15536	48253
1964	1014	0	451965	16275	387437	-16275	64528
1965	0	0	451965	15973	371464	-15973	80501
1966	0	0	451965	15591	355873	-15591	96092
1967	119	421201	30884	15145	340847	406055	-309963
1968	-30884	0	0	14643	295319	-14643	-295319
1969	0	0	0	12943	282377	-12943	-282377
1970	0	0	0	12360	270016	-12360	-270016
1971	0	0	0	11751	258266	-11751	-258266
1972	0	0	0	11128	247137	-11128	-247137
1973	0	0	0	10493	236645	-10493	-236645
1974	0	0	0	9865	226780	-9865	-226780
1975	0	0	0	9249	217531	-9249	-217531
1976	0	0	0	8653	208878	-8653	-208878
1977	0	0	0	8089	200789	-8089	-200789
1978	0	0	0	7550	193239	-7550	-193239
1979	0	0	0	7047	186193	-7047	-186193
1980	0	0	0	6584	179609	-6584	-179609
1981	0	0	0	6147	173462	-6147	-173462
1982	0	0	0	5748	167714	-5748	-167714
1983	7612	0	7612	5385	169941	-5385	-162329
1984	47574	0	55186	5330	212185	-5330	-156998
1985	0	0	55186	6802	205383	-6802	-150197
1986	0	0	55186	6501	198882	-6501	-143696
1987	0	0	55186	6210	192672	-6210	-137486

South Kentucky RECC
 Account 362 -- Station and Equipment

Simulated Retirements for Iowa Curve O4 with ASL = 30

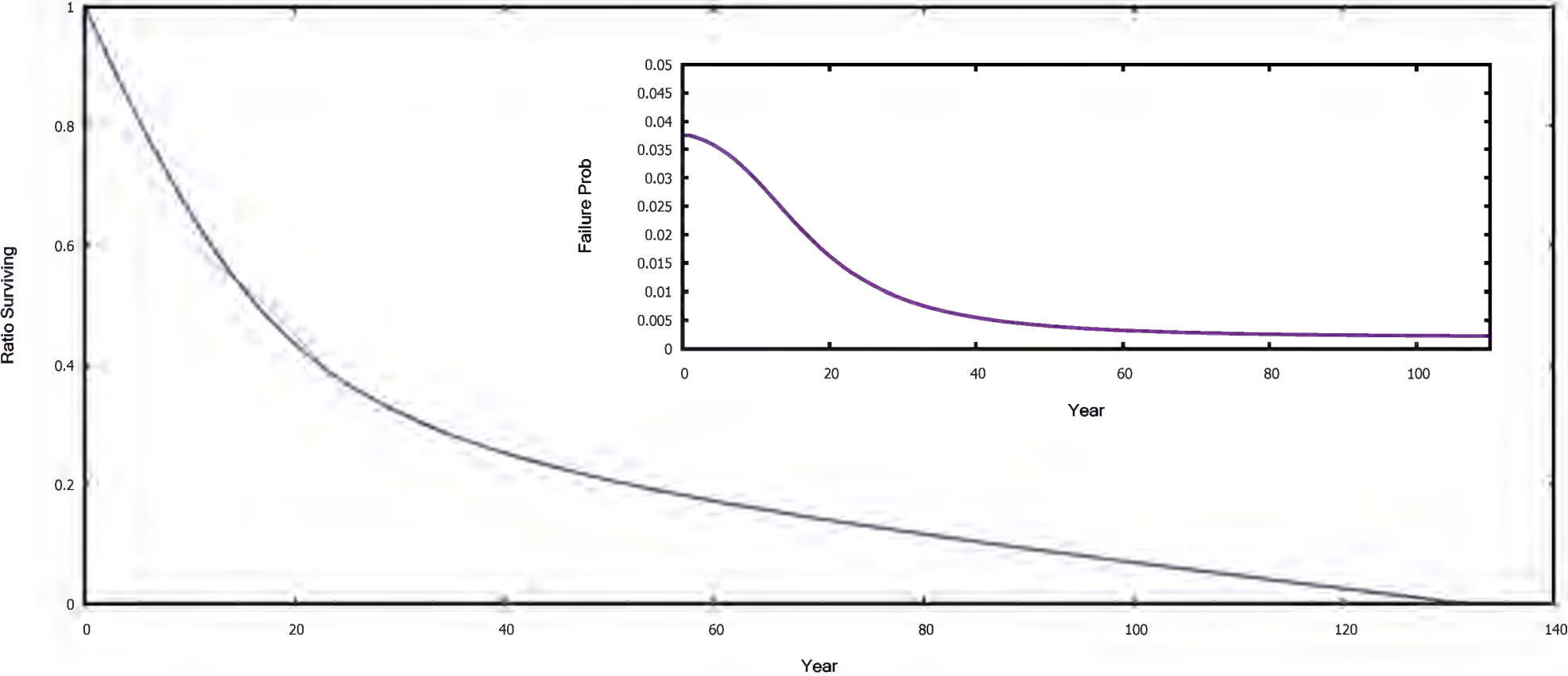
Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1988	0	0	55186	5937	186735	-5937	-131548
1989	0	0	55186	5680	181054	-5680	-125868
1990	0	0	55186	5431	175624	-5431	-120438
1991	0	0	55186	5192	170431	-5192	-115245
1992	0	0	55186	4964	165468	-4964	-110282
1993	0	0	55186	4740	160728	-4740	-105542
1994	429700	0	484886	4525	585903	-4525	-101017
1995	13285	0	498171	20423	578765	-20423	-80594
1996	123473	0	621644	20562	681675	-20562	-60031
1997	18234	0	639878	24769	675141	-24769	-35263
1998	43382	0	683260	24954	693569	-24954	-10309
1999	0	0	683260	25999	667569	-25999	15691
2000	59190	0	742450	25358	701401	-25358	41049
2001	23234	0	765684	26857	697778	-26857	67906
2002	25531	55186	736029	26916	696393	28270	39636
2003	30539	0	766567	26994	699937	-26994	66630
2004	5619	0	772186	27178	678378	-27178	93808
2005	603	0	772789	26360	652621	-26360	120168
2006	0	0	772789	25309	627311	-25309	145478
2007	685736	0	1458525	24195	1288852	-24195	169673
2008	3140	627964	833701	48765	1243227	579200	-409526
2009	13307	0	847008	47491	1209044	-47491	-362036
2010	7192	0	854200	46495	1169740	-46495	-315540
2011	101945	134113	822032	45223	1226462	88890	-404430
2012	33890	0	855922	47422	1212931	-47422	-357009
2013	47217	0	903139	47007	1213141	-47007	-310001
2014	2320	0	905459	47008	1168452	-47008	-262993
2015	0	0	905459	45243	1123209	-45243	-217750

South Kentucky RECC
 Account 362 -- Station and Equipment

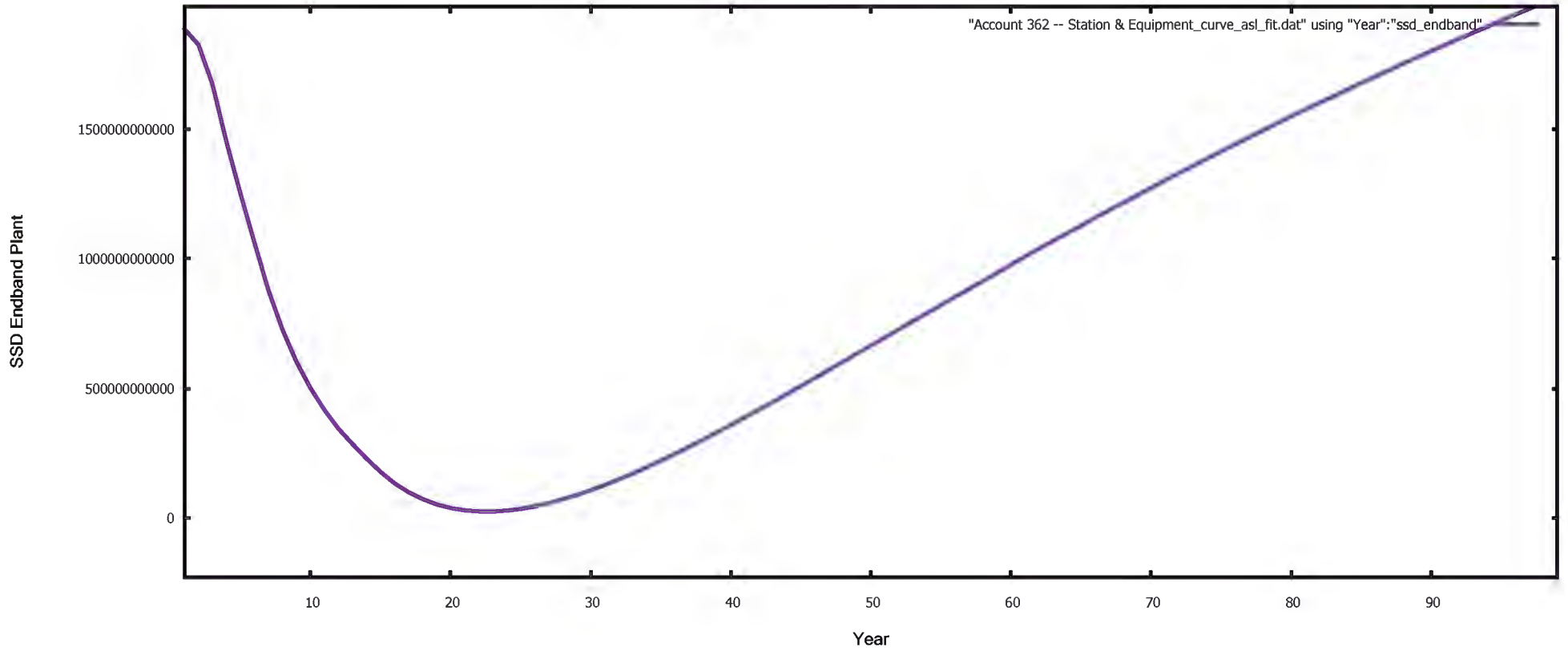
Simulated Retirements for Iowa Curve 04 with ASL = 30

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
2016	0	143926	761533	43365	1079844	100561	-318311
2017	41496	0	803029	41444	1079896	-41444	-276868
2018	0	0	803029	41051	1038845	-41051	-235816
2019	1649	0	804678	39100	1001395	-39100	-196717
2020	0	0	804678	37210	964185	-37210	-159507
2021	0	0	804678	35286	928898	-35286	-124221
2022	21646	1557	824767	33405	917139	-31848	-92372
2023	119377	0	944144	32391	1004125	-32391	-59981

Account No. 362 -- Station Equipment
Iowa Curve: O4 ASL: 30 Years



South Kentucky RECC
Account No. 362 Station Equipment
Sum of Squared Differences (SSD) for O4



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 362 -- Station and Equipment

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	-	-	-	-	-	-
1944	-	-	-	-	-	-
1945	-	-	-	-	-	-
1946	-	-	-	-	-	-
1947	-	-	-	-	-	-
1948	-	-	-	-	-	-
1949	-	-	-	-	-	-
1950	-	-	-	-	-	-
1951	-	-	-	-	-	-
1952	-	-	-	-	-	-
1953	-	-	-	-	-	-
1954	-	-	-	-	-	-
1955	-	-	-	-	-	-
1956	-	-	-	-	-	-
1957	-	-	-	-	-	-
1958	-	-	-	-	-	-
1959	-	-	-	-	-	-
1960	-	425,156	-	-	-	425,156
1961	425,156	26,810	-	-	-	451,965
1962	451,965	-	-	-	-	451,965
1963	451,965	-	1,014	-	-	450,951
1964	450,951	1,014	-	-	-	451,965
1965	451,965	-	-	-	-	451,965
1966	451,965	-	-	-	-	451,965
1967	451,965	119	421,201	-	-	30,884
1968	30,884	-	-	-	30,884	-
1969	-	-	-	-	-	-
1970	-	-	-	-	-	-
1971	-	-	-	-	-	-
1972	-	-	-	-	-	-
1973	-	-	-	-	-	-
1974	-	-	-	-	-	-
1975	-	-	-	-	-	-
1976	-	-	-	-	-	-
1977	-	-	-	-	-	-
1978	-	-	-	-	-	-
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	7,613	-	-	-	7,613
1984	7,613	47,574	-	-	-	55,186

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 362 -- Station and Equipment

	<u>Beq of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1985	55,186		-	-	-	55,186
1986	55,186		-	-	-	55,186
1987	55,186		-	-	-	55,186
1988	55,186		-	-	-	55,186
1989	55,186		-	-	-	55,186
1990	55,186		-	-	-	55,186
1991	55,186		-	-	-	55,186
1992	55,186		-	-	-	55,186
1993	55,186		-	-	-	55,186
1994	55,186	429,700	-	-	-	484,886
1995	484,886	13,285	-	-	-	498,171
1996	498,171	123,473	-	-	-	621,644
1997	621,644	18,234	-	-	-	639,878
1998	639,878	43,382	-	-	-	683,260
1999	683,260	-	-	-	-	683,260
2000	683,260	59,190	-	-	-	742,450
2001	742,450	23,234	-	-	-	765,684
2002	765,684	25,531	55,186	-	-	736,029
2003	736,029	30,539	-	-	-	766,567
2004	766,567	5,619	-	-	-	772,186
2005	772,186	603	-	-	-	772,789
2006	772,789	-	-	-	-	772,789
2007	772,789	685,736	-	-	-	1,458,525
2008	1,458,525	3,140	627,964	-	-	833,701
2009	833,701	13,307	-	-	-	847,008
2010	847,008	7,192	-	-	-	854,200
2011	854,200	101,945	134,113	-	-	822,032
2012	822,032	33,890	-	-	-	855,922
2013	855,922	47,217	-	-	-	903,139
2014	903,139	2,320	-	-	-	905,459
2015	905,459	-	-	-	-	905,459
2016	905,459	-	143,926	-	-	761,533
2017	761,533	41,496	-	-	-	803,029
2018	803,029	-	-	-	-	803,029
2019	803,029	1,649	-	-	-	804,678
2020	804,678	-	-	-	-	804,678
2021	804,678	-	-	-	-	804,678
2022	804,678	21,646	1,557	-	-	824,767
2023	824,767	119,377	-	-	-	944,144

South Kentucky Rural Electric Cooperative Corp
Annual Retirements and Net Salvage

Acct 362
Station & Equipment

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	761,533	143,926	18.9%	1,243	3,935	(2,692)	-1.9%
2017	803,029	-	0.0%	-	-	-	#DIV/0!
2018	803,029	-	0.0%	-	-	-	#DIV/0!
2019	804,678	-	0.0%	-	-	-	#DIV/0!
2020	804,678	-	0.0%	-	-	-	#DIV/0!
2021	804,678	-	0.0%	-	-	-	#DIV/0!
2022	824,767	1,557	0.2%	43	34	9	0.6%
2023	944,144	-	0.0%	-	-	-	#DIV/0!
Total	944,144	145,483	15.4%	1,286	3,969	(2,683)	-1.8%
Five Year Average Net Salvage							0.6%
Recommend Net Salvage							-1.0%

Account 364 – Poles

South Kentucky RECC
 Account 364 - Poles, Towers and Fixtures

Simulated Retirements for Iowa Curve L0 with ASL = 42

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	40249	0	40249	197	160799	-197	-120550
1939	80498	0	120747	813	240484	-813	-119737
1940	120747	0	241493	1371	359859	-1371	-118366
1941	3656	21	245128	2325	361190	-2304	-116062
1942	21931	1044	266015	2788	380333	-1744	-114318
1943	9154	795	274373	3389	386098	-2594	-111725
1944	12225	1372	285227	3807	394516	-2435	-109289
1945	31454	278	316403	4181	421789	-3904	-105386
1946	0	0	316403	4638	417151	-4638	-100748
1947	13188	60	329531	4914	425425	-4854	-95894
1948	115646	0	445177	5273	535798	-5273	-90621
1949	202128	1525	645780	6073	731853	-4548	-86073
1950	442177	18548	1069409	7361	1166670	11188	-97261
1951	96575	6910	1159074	10085	1253161	-3174	-94087
1952	81824	2101	1238796	11593	1323391	-9492	-84595
1953	81824	2101	1318518	13493	1391721	-11392	-73203
1954	81824	2101	1398240	15123	1458421	-13022	-60181
1955	81824	2101	1477962	16558	1523687	-14457	-45725
1956	54812	11793	1520981	18018	1560481	-6224	-39500
1957	73202	24240	1569943	19278	1614405	4962	-44462
1958	72521	13152	1629312	20620	1666306	-7468	-36994
1959	97397	17181	1709528	21869	1741834	-4688	-32306
1960	131418	27642	1813304	23246	1850006	4396	-36702
1961	80045	8652	1884697	24777	1905274	-16125	-20577
1962	87182	13592	1958287	26126	1966329	-12535	-8042
1963	102430	9473	2051244	27557	2041202	-18084	10042
1964	164186	27545	2187885	29017	2176370	-1473	11515
1965	152308	20273	2319921	30757	2297921	-10485	22000

South Kentucky RECC
 Account 364 - Poles, Towers and Fixtures

Simulated Retirements for Iowa Curve L0 with ASL = 42

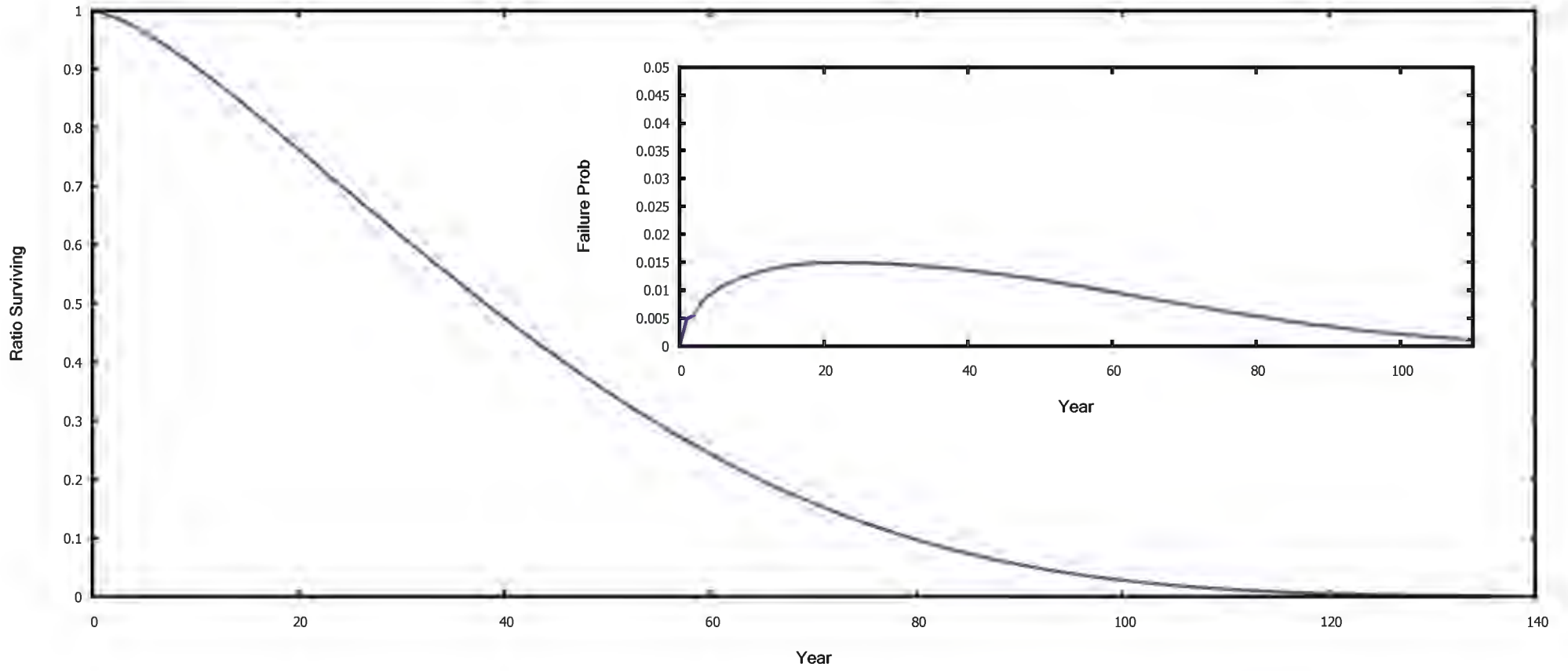
Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	168903	25686	2463138	32516	2434309	-6830	28830
1967	166208	28866	2600480	34474	2566042	-5608	34438
1968	150666	22722	2728424	36493	2680215	-13771	48209
1969	533385	29893	3231916	38491	3175109	-8598	56807
1970	284828	36916	3479828	42401	3417536	-5485	62292
1971	354543	41353	3793017	45344	3726734	-3991	66283
1972	460579	75352	4178244	49287	4138026	26065	40218
1973	491537	50795	4618986	53805	4575759	-3010	43228
1974	450288	59970	5009305	58660	4967388	1310	41918
1975	563342	64710	5507937	63793	5466937	918	41000
1976	521569	63808	5965698	69742	5918764	-5933	46934
1977	717482	103837	6579342	75747	6560498	28090	18844
1978	812414	109979	7281777	83043	7289869	26935	-8092
1979	755405	109589	7927593	91163	7954110	18426	-26518
1980	717092	100294	8544391	99605	8571597	689	-27206
1981	670225	111284	9103332	108474	9133348	2810	-30016
1982	659728	122843	9640217	117344	9675733	5499	-35516
1983	771637	131299	10280555	126341	10321028	4957	-40473
1984	877759	147133	11011181	135948	11062839	11185	-51658
1985	997570	201406	11807345	146251	11914158	55155	-106813
1986	905718	178524	12534539	157519	12662357	21005	-127818
1987	994760	182883	13346416	168881	13488236	14002	-141820
1988	1075369	224790	14196994	181147	14382458	43644	-185464
1989	1231094	267443	15160645	194057	15419495	73386	-258850
1990	1345046	291193	16214498	208113	16556428	83080	-341930
1991	1328665	278018	17265145	223297	17661796	54721	-396651
1992	1212038	197668	18279515	239098	18634736	-41429	-355221
1993	1139837	234679	19184673	255019	19519555	-20340	-334882

South Kentucky RECC
 Account 364 - Poles, Towers and Fixtures

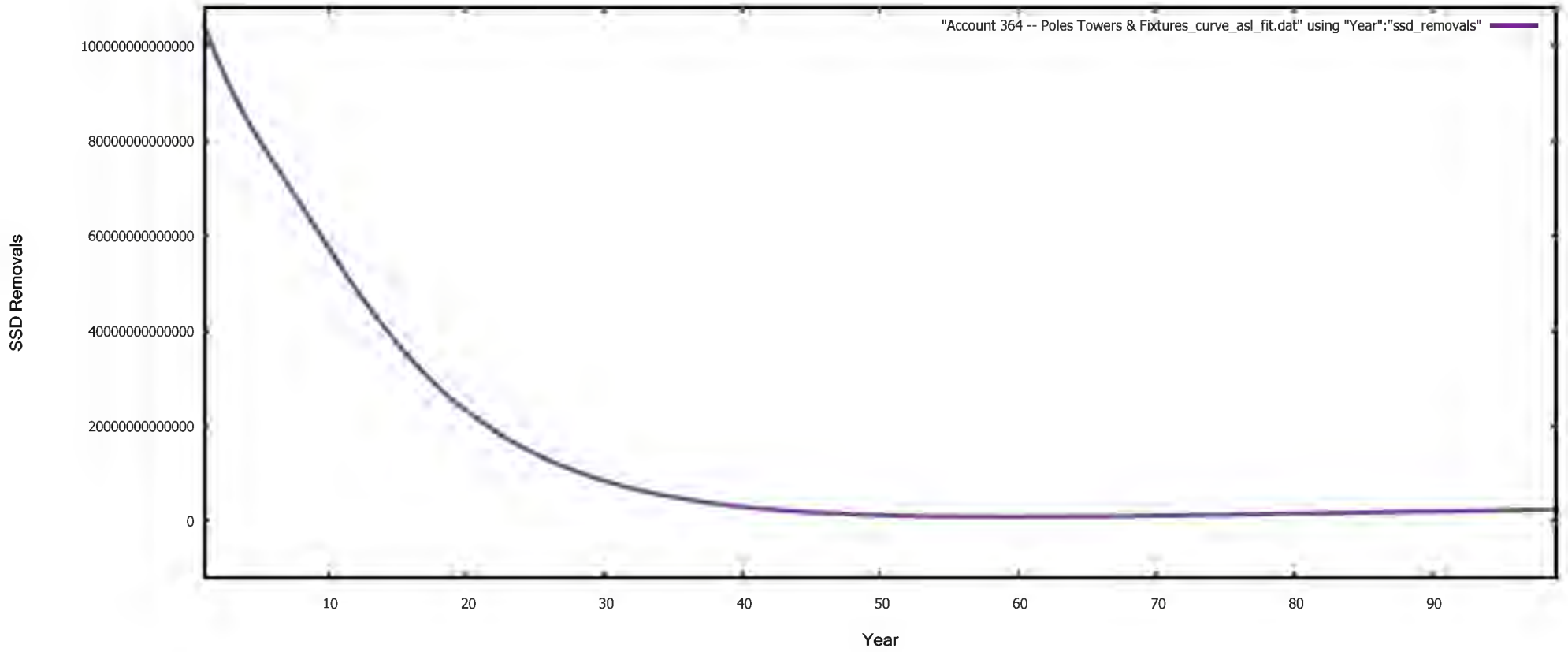
Simulated Retirements for Iowa Curve L0 with ASL = 42

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	1217931	291901	20110703	270939	20466547	20962	-355844
1995	1857128	284939	21682892	287306	22036369	-2367	-353477
1996	1616340	282870	23016362	306837	23345872	-23968	-329509
1997	1984505	372194	24628674	325842	25004535	46352	-375862
1998	1640886	345962	25923598	347999	26297422	-2037	-373824
1999	2013355	371843	27565109	369172	27941605	2672	-376496
2000	2271986	351232	29485864	392963	29820629	-41731	-334765
2001	2141797	394397	31233264	418437	31543989	-24040	-310725
2002	1947572	323874	32856962	444266	33047295	-120391	-190334
2003	2150033	359902	34647093	470416	34726912	-110514	-79819
2004	2097561	416850	36327804	497859	36326615	-81009	1189
2005	2498258	546601	38279462	525273	38299601	21328	-20139
2006	2604355	662538	40221279	555140	40348817	107399	-127537
2007	3333720	504294	43050705	586169	43096367	-81875	-45663
2008	3329106	738318	45641493	621831	45803642	116487	-162149
2009	2912860	619317	47935036	658971	48057532	-39653	-122496
2010	2290199	641645	49583590	696156	49651575	-54511	-67985
2011	1854894	489393	50949091	731555	50774914	-242162	174177
2012	1808499	665291	52092298	764422	51818990	-99131	273308
2013	1790732	528382	53354648	795849	52813873	-267466	540774
2014	1941500	469466	54826682	825706	53929667	-356240	897015
2015	2070724	442455	56454951	855426	55144965	-412971	1309986
2016	2184118	450687	58188382	885095	56443988	-434408	1744394
2017	2220663	511154	59897891	915072	57749579	-403918	2148311
2018	2548506	479470	61966927	945142	59352944	-465672	2613983
2019	2815645	578118	64204453	976803	61191786	-398684	3012668
2020	2516637	434779	66286312	1009880	62698543	-575102	3587769
2021	2938235	654231	68570316	1042187	64594591	-387956	3975725
2022	2788713	538051	70820978	1077137	63517454	-539086	7303524
2023	3388788	529403	73680362	1111184	65192044	-581780	8488318

Account No. 364 -- Poles, Towers and Fixtures
Iowa Curve: L0 ASL: 42 Years



South Kentucky RECC
Account No. 364 Poles, Towers and Fixtures
Sum of Squared Differences (SSD) for L0



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 364 -- Poles, Towers and Fixtures

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1938	-	40,249	-	-	-	40,249
1939	40,249	80,498	-	-	-	120,747
1940	120,747	120,747	-	-	-	241,493
1941	241,493	3,656	21	-	-	245,128
1942	245,128	21,931	1,044	-	-	266,015
1943	266,015	9,154	795	-	-	274,373
1944	274,373	12,225	1,372	-	-	285,227
1945	285,227	31,454	278	-	-	316,403
1946	316,403	-	-	-	-	316,403
1947	316,403	13,188	60	-	-	329,531
1948	329,531	115,646	-	-	-	445,177
1949	445,177	202,128	1,525	-	-	645,780
1950	645,780	442,177	18,548	-	-	1,069,409
1951	1,069,409	96,575	6,910	-	-	1,159,074
1952	1,159,074	81,824	2,101	-	-	1,238,796
1953	1,238,796	81,824	2,101	-	-	1,318,518
1954	1,318,518	81,824	2,101	-	-	1,398,240
1955	1,398,240	81,824	2,101	-	-	1,477,962
1956	1,477,962	54,812	11,793	-	-	1,520,981
1957	1,520,981	73,202	24,240	-	-	1,569,943
1958	1,569,943	72,521	13,152	-	-	1,629,312
1959	1,629,312	97,397	17,181	-	-	1,709,528
1960	1,709,528	131,418	27,642	-	-	1,813,304
1961	1,813,304	80,045	8,652	-	-	1,884,697
1962	1,884,697	87,182	13,592	-	-	1,958,287
1963	1,958,287	102,430	9,473	-	-	2,051,244
1964	2,051,244	164,186	27,545	-	-	2,187,885
1965	2,187,885	152,308	20,273	-	-	2,319,921
1966	2,319,921	168,903	25,686	-	-	2,463,138
1967	2,463,138	166,208	28,866	-	-	2,600,480
1968	2,600,480	150,666	22,722	-	-	2,728,424
1969	2,728,424	533,385	29,893	-	-	3,231,916
1970	3,231,916	284,828	36,916	-	-	3,479,828
1971	3,479,828	354,543	41,353	-	-	3,793,017
1972	3,793,017	460,579	75,352	-	-	4,178,244
1973	4,178,244	491,537	50,795	-	-	4,618,986
1974	4,618,986	450,288	59,970	-	-	5,009,305
1975	5,009,305	563,342	64,710	-	-	5,507,937
1976	5,507,937	521,569	63,808	-	-	5,965,698
1977	5,965,698	717,482	103,837	-	-	6,579,342
1978	6,579,342	812,414	109,979	-	-	7,281,777
1979	7,281,777	755,405	109,589	-	-	7,927,593
1980	7,927,593	717,092	100,294	-	-	8,544,391
1981	8,544,391	670,225	111,284	-	-	9,103,332
1982	9,103,332	659,728	122,843	-	-	9,640,217
1983	9,640,217	771,637	131,299	-	-	10,280,555
1984	10,280,555	877,759	147,133	-	-	11,011,181
1985	11,011,181	997,570	201,406	-	-	11,807,345
1986	11,807,345	905,718	178,524	-	-	12,534,539

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 364 -- Poles, Towers and Fixtures

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1987	12,534,539	994,760	182,883	-	-	13,346,416
1988	13,346,416	1,075,369	224,790	-	-	14,196,994
1989	14,196,994	1,231,094	267,443	-	-	15,160,645
1990	15,160,645	1,345,046	291,193	-	-	16,214,498
1991	16,214,498	1,328,665	278,018	-	-	17,265,145
1992	17,265,145	1,212,038	197,668	-	-	18,279,515
1993	18,279,515	1,139,837	234,679	-	-	19,184,673
1994	19,184,673	1,217,931	291,901	-	-	20,110,703
1995	20,110,703	1,857,128	284,939	-	-	21,682,892
1996	21,682,892	1,616,340	282,870	-	-	23,016,362
1997	23,016,362	1,984,505	372,194	-	-	24,628,674
1998	24,628,674	1,640,886	345,962	-	-	25,923,598
1999	25,923,598	2,013,355	371,843	-	-	27,565,109
2000	27,565,109	2,271,986	351,232	-	-	29,485,864
2001	29,485,864	2,141,797	394,397	-	-	31,233,264
2002	31,233,264	1,947,572	323,874	-	-	32,856,962
2003	32,856,962	2,150,033	359,902	-	-	34,647,093
2004	34,647,093	2,097,561	416,850	-	-	36,327,804
2005	36,327,804	2,498,258	546,601	-	-	38,279,462
2006	38,279,462	2,604,355	662,538	-	-	40,221,279
2007	40,221,279	3,333,720	504,294	-	-	43,050,705
2008	43,050,705	3,329,106	738,318	-	-	45,641,493
2009	45,641,493	2,912,860	619,317	-	-	47,935,036
2010	47,935,036	2,290,199	641,645	-	-	49,583,590
2011	49,583,590	1,854,894	489,393	-	-	50,949,091
2012	50,949,091	1,808,499	665,291	-	-	52,092,298
2013	52,092,298	1,790,732	528,382	-	-	53,354,648
2014	53,354,648	1,941,500	469,466	-	-	54,826,682
2015	54,826,682	2,070,724	442,455	-	-	56,454,951
2016	56,454,951	2,184,118	450,687	-	-	58,188,382
2017	58,188,382	2,220,663	511,155	-	-	59,897,891
2018	59,897,891	2,548,506	479,470	-	-	61,966,927
2019	61,966,927	2,815,645	578,118	-	-	64,204,453
2020	64,204,453	2,516,637	434,779	-	-	66,286,312
2021	66,286,312	2,938,235	654,231	-	-	68,570,316
2022	68,570,316	2,788,713	538,051	-	-	70,820,978
2023	70,820,978	3,388,788	529,403	-	-	73,680,362

South Kentucky Rural Electric Cooperative Corp
Annual Retirements and Net Salvage

Acct 364
Poles, Towers & Fixtures

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	58,188,382	450,687	0.8%	270	353,112	(352,842)	-78.3%
2017	59,897,891	511,155	0.9%	837	306,572	(305,735)	-59.8%
2018	61,966,927	479,470	0.8%	664	380,756	(380,092)	-79.3%
2019	64,204,453	578,118	0.9%	300	418,279	(417,978)	-72.3%
2020	66,286,312	434,779	0.7%	84	328,059	(327,975)	-75.4%
2021	68,570,316	654,231	1.0%	5,797	370,661	(364,864)	-55.8%
2022	70,820,978	538,051	0.8%	1,032	337,615	(336,583)	-62.6%
2023	73,680,362	529,403	0.7%	504	470,723	(470,220)	-88.8%
Total	73,680,362	4,175,893	5.7%	9,488	2,965,777	(2,956,289)	-70.8%
						Five Year Average Net Salvage	-70.1%
						Recommend Net Salvage	-54.0%

Account 365 – Overhead Conductor

South Kentucky RECC
 Account 365 -- Overhead Conductors and Devices

Simulated Retirements for Iowa Curve R1 with ASL = 56

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	1198	0	1198	6	4785	-6	-3587
1939	2395	0	3593	23	7157	-23	-3565
1940	3593	0	7185	34	10716	-34	-3531
1941	64581	7	71760	52	75246	-45	-3486
1942	230824	14	302570	356	305714	-342	-3143
1943	5402	651	307322	1443	309673	-792	-2351
1944	13193	1041	319473	1480	321385	-440	-1912
1945	10212	358	329327	1583	330014	-1225	-686
1946	17171	203	346295	1673	345512	-1470	784
1947	9803	46	356053	1792	353523	-1746	2530
1948	116627	0	472679	1877	468272	-1877	4407
1949	188203	6792	654090	2467	654008	4325	82
1950	567291	28752	1192629	3395	1217904	25357	-25275
1951	89793	11163	1271259	6120	1301578	5043	-30319
1952	84191	3126	1352323	6630	1379139	-3503	-26815
1953	84191	3126	1433388	7181	1456149	-4055	-22761
1954	84191	3126	1514453	7746	1532594	-4620	-18141
1955	84191	3126	1595518	8307	1608478	-5181	-12960
1956	47038	8113	1634443	8878	1646638	-765	-12195
1957	68327	17321	1685449	9283	1705682	8038	-20233
1958	45589	9146	1721893	9797	1741474	-652	-19581
1959	94772	21675	1794990	10208	1826037	11467	-31047
1960	131189	25531	1900647	10858	1946368	14674	-45721
1961	68900	6165	1963383	11685	2003584	-5520	-40201
1962	96397	12927	2046853	12230	2087751	697	-40898
1963	104065	8891	2142027	12921	2178895	-4029	-36868
1964	135335	23784	2253577	13657	2300573	10127	-46996
1965	162215	21432	2394361	14551	2448237	6880	-53876

South Kentucky RECC
 Account 365 -- Overhead Conductors and Devices

Simulated Retirements for Iowa Curve R1 with ASL = 56

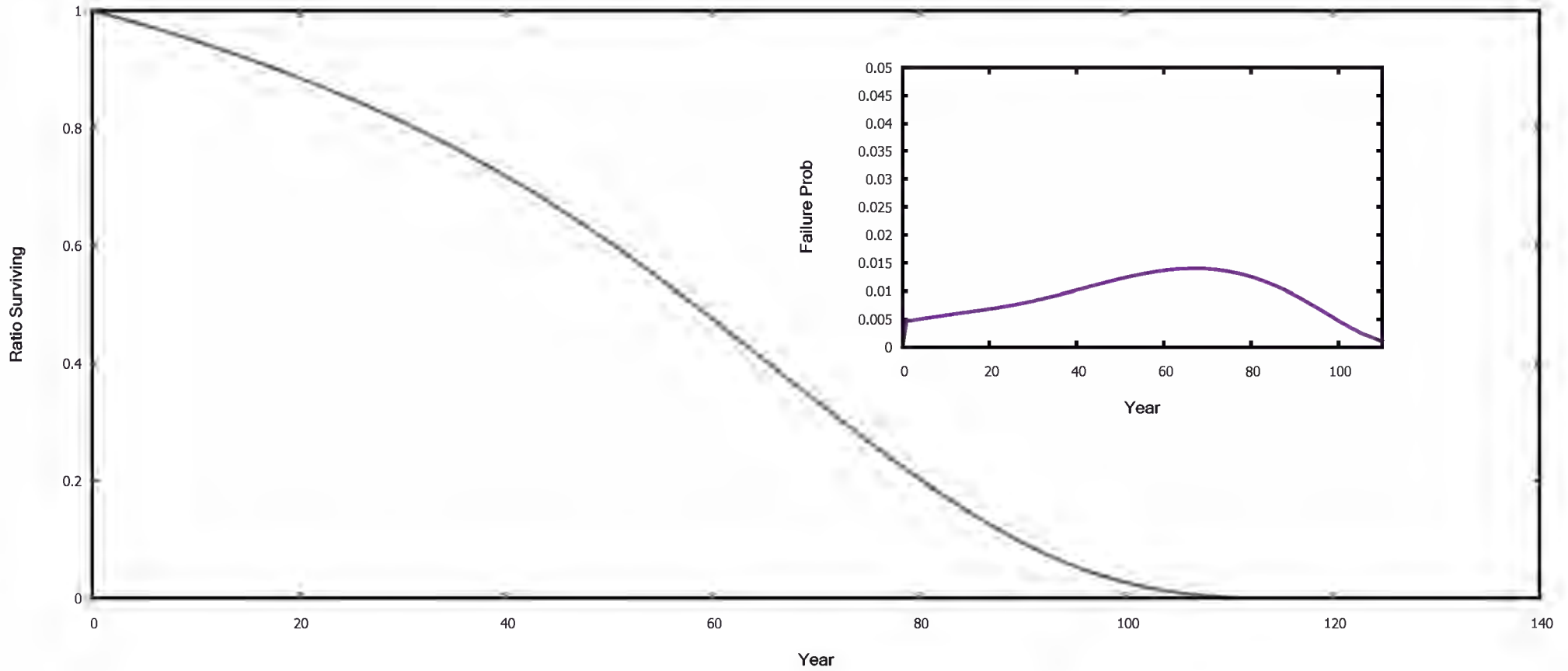
Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	209691	25534	2578517	15585	2642342	9949	-63825
1967	168835	34484	2712869	16861	2794316	17622	-81448
1968	165755	24546	2854078	17967	2942104	6579	-88026
1969	164969	28450	2990597	19088	3087986	9362	-97389
1970	196218	30650	3156165	20233	3263970	10417	-107805
1971	265379	36060	3385484	21544	3507805	14516	-122321
1972	360072	73473	3672083	23208	3844668	50264	-172585
1973	372004	60028	3984059	25351	4191321	34677	-207262
1974	340431	177776	4146713	27585	4504166	150191	-357453
1975	500164	52699	4594178	29728	4974603	22971	-380424
1976	381431	46653	4928957	32676	5323358	13977	-394401
1977	487965	75198	5341723	35110	5776212	40088	-434490
1978	886400	89810	6138314	38116	6624497	51694	-486183
1979	778180	101632	6814862	43051	7359626	58581	-544764
1980	659235	74891	7399207	47541	7971321	27350	-572114
1981	690445	88368	8001284	51594	8610172	36774	-608888
1982	609569	85635	8525218	55899	9163842	29737	-638625
1983	687099	96354	9115964	59903	9791038	36450	-675075
1984	731952	89394	9758522	64359	10458631	25035	-700110
1985	856697	126375	10488843	69104	11246225	57272	-757381
1986	787699	110644	11165898	74522	11959402	36122	-793504
1987	938318	126291	11977925	79712	12818007	46579	-840082
1988	981695	155167	12804453	85720	13713983	69447	-909530
1989	1153069	192292	13765230	92034	14775019	100259	-1009788
1990	1167062	216099	14716194	99270	15842811	116829	-1126617
1991	1230901	220506	15726589	106701	16967011	113805	-1240422
1992	948698	153420	16521868	114575	17801135	38845	-1279267
1993	1188512	188961	17521419	121270	18868377	67690	-1346958

South Kentucky RECC
 Account 365 -- Overhead Conductors and Devices

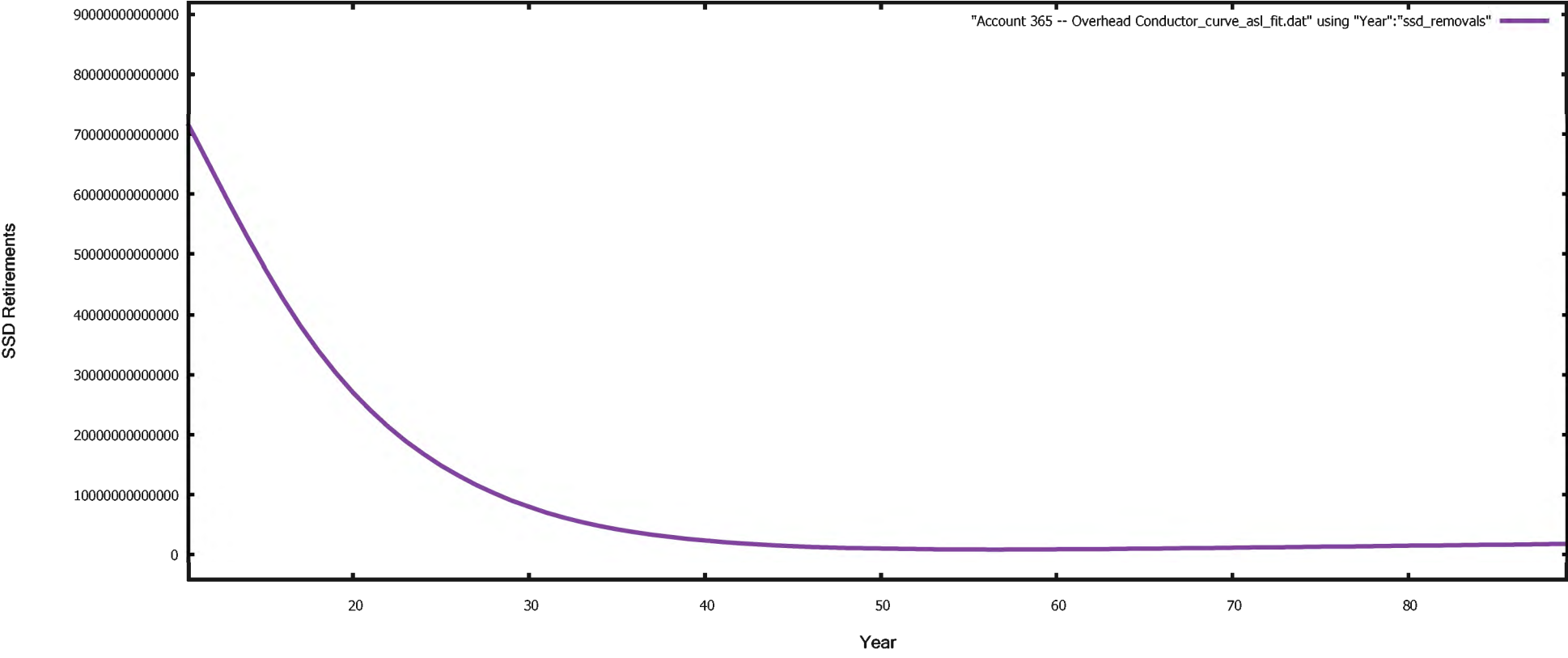
Simulated Retirements for Iowa Curve R1 with ASL = 56

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	1169803	216713	18474509	129248	19908932	87465	-1434423
1995	1859508	245121	20088897	137253	21631187	107868	-1542290
1996	1737664	281879	21544682	148644	23220207	133235	-1675525
1997	2264921	330189	23479414	159626	25325503	170563	-1846088
1998	1900254	288309	25091360	173321	27052436	114988	-1961076
1999	2289261	325829	27054792	185541	29156156	140288	-2101364
2000	2471872	327503	29199161	199871	31428157	127632	-2228996
2001	2760915	361215	31598861	215307	33973765	145908	-2374904
2002	1892138	255946	33235053	232390	35633514	23557	-2398461
2003	2127944	309559	35053437	245708	37515750	63852	-2462313
2004	2035757	337951	36751243	260475	39291031	77475	-2539788
2005	2766757	479705	39038296	275057	41782732	204648	-2744436
2006	2964274	643149	41359420	293319	44453687	349830	-3094266
2007	3504715	484263	44379872	312786	47645615	171477	-3265743
2008	3953300	664278	47668893	335156	51263758	329122	-3594865
2009	2981750	540018	50110625	360026	53885482	179993	-3774858
2010	2842179	552224	52400580	380789	56346872	171435	-3946292
2011	2101494	421686	54080388	401400	58046966	20286	-3966578
2012	1887708	518193	55449903	418894	59515779	99299	-4065877
2013	1632727	412391	56670238	435726	60712780	-23335	-4042542
2014	1753434	381570	58042102	451617	62014597	-70047	-3972495
2015	1974968	374685	59642385	468305	63521260	-93619	-3878875
2016	1831754	334141	61139997	486272	64866741	-152131	-3726744
2017	1898764	453674	62585087	503804	66261701	-50130	-3676614
2018	2076352	325910	64335529	521933	67816121	-196023	-3480591
2019	2056845	378489	66013885	541185	69331780	-162696	-3317895
2020	2045567	298728	67760724	560615	70816732	-261887	-3056008
2021	2518463	491992	69787195	580305	72754890	-88313	-2967695
2022	2471558	467913	71790841	602538	72152352	-134625	-361511
2023	3141427	387428	74544840	624842	73998895	-237414	545945

Account No. 365 -- Overhead Conductor
Iowa Curve: R1 ASL: 56 Years



South Kentucky RECC
Account No. 365 Overhead Conductor
Sum of Squared Differences (SSD) for R1



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 365 -- Overhead Conductors and Devices

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1938	-	1,198	-	-	-	1,198
1939	1,198	2,395	-	-	-	3,593
1940	3,593	3,593	-	-	-	7,185
1941	7,185	64,581	7	-	-	71,760
1942	71,760	230,824	14	-	-	302,570
1943	302,570	5,402	651	-	-	307,322
1944	307,322	13,193	1,041	-	-	319,473
1945	319,473	10,212	358	-	-	329,327
1946	329,327	17,171	203	-	-	346,295
1947	346,295	9,803	46	-	-	356,053
1948	356,053	116,627	-	-	-	472,679
1949	472,679	188,203	6,792	-	-	654,090
1950	654,090	567,291	28,752	-	-	1,192,629
1951	1,192,629	89,793	11,163	-	-	1,271,259
1952	1,271,259	84,191	3,126	-	-	1,352,323
1953	1,352,323	84,191	3,126	-	-	1,433,388
1954	1,433,388	84,191	3,126	-	-	1,514,453
1955	1,514,453	84,191	3,126	-	-	1,595,518
1956	1,595,518	47,038	8,113	-	-	1,634,443
1957	1,634,443	68,327	17,321	-	-	1,685,449
1958	1,685,449	45,589	9,146	-	-	1,721,893
1959	1,721,893	94,772	21,675	-	-	1,794,990
1960	1,794,990	131,189	25,531	-	-	1,900,647
1961	1,900,647	68,900	6,165	-	-	1,963,383
1962	1,963,383	96,397	12,927	-	-	2,046,853
1963	2,046,853	104,065	8,891	-	-	2,142,027
1964	2,142,027	135,335	23,784	-	-	2,253,577
1965	2,253,577	162,215	21,432	-	-	2,394,361
1966	2,394,361	209,691	25,534	-	-	2,578,517
1967	2,578,517	168,835	34,484	-	-	2,712,869
1968	2,712,869	165,755	24,546	-	-	2,854,078
1969	2,854,078	164,969	28,450	-	-	2,990,597
1970	2,990,597	196,218	30,650	-	-	3,156,165
1971	3,156,165	265,379	36,060	-	-	3,385,484
1972	3,385,484	360,072	73,473	-	-	3,672,083
1973	3,672,083	372,004	60,028	-	-	3,984,059
1974	3,984,059	340,431	177,776	-	-	4,146,713
1975	4,146,713	500,164	52,699	-	-	4,594,178
1976	4,594,178	381,431	46,653	-	-	4,928,957
1977	4,928,957	487,965	75,198	-	-	5,341,723
1978	5,341,723	886,400	89,810	-	-	6,138,314
1979	6,138,314	778,180	101,632	-	-	6,814,862
1980	6,814,862	659,235	74,891	-	-	7,399,207
1981	7,399,207	690,445	88,368	-	-	8,001,284
1982	8,001,284	609,569	85,635	-	-	8,525,218
1983	8,525,218	687,099	96,354	-	-	9,115,964
1984	9,115,964	731,952	89,394	-	-	9,758,522
1985	9,758,522	856,697	126,375	-	-	10,488,843
1986	10,488,843	787,699	110,644	-	-	11,165,898
1987	11,165,898	938,318	126,291	-	-	11,977,925
1988	11,977,925	981,695	155,167	-	-	12,804,453
1989	12,804,453	1,153,069	192,292	-	-	13,765,230

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 365 -- Overhead Conductors and Devices

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1990	13,765,230	1,167,062	216,099	-	-	14,716,194
1991	14,716,194	1,230,901	220,506	-	-	15,726,589
1992	15,726,589	948,698	153,420	-	-	16,521,868
1993	16,521,868	1,188,512	188,961	-	-	17,521,419
1994	17,521,419	1,169,803	216,713	-	-	18,474,509
1995	18,474,509	1,859,508	245,121	-	-	20,088,897
1996	20,088,897	1,737,664	281,879	-	-	21,544,682
1997	21,544,682	2,264,921	330,189	-	-	23,479,414
1998	23,479,414	1,900,254	288,309	-	-	25,091,360
1999	25,091,360	2,289,261	325,829	-	-	27,054,792
2000	27,054,792	2,471,872	327,503	-	-	29,199,161
2001	29,199,161	2,760,915	361,215	-	-	31,598,861
2002	31,598,861	1,892,138	255,946	-	-	33,235,053
2003	33,235,053	2,127,944	309,559	-	-	35,053,437
2004	35,053,437	2,035,757	337,951	-	-	36,751,243
2005	36,751,243	2,766,757	479,705	-	-	39,038,296
2006	39,038,296	2,964,274	643,149	-	-	41,359,420
2007	41,359,420	3,504,715	484,263	-	-	44,379,872
2008	44,379,872	3,953,300	664,278	-	-	47,668,893
2009	47,668,893	2,981,750	540,018	-	-	50,110,625
2010	50,110,625	2,842,179	552,224	-	-	52,400,580
2011	52,400,580	2,101,494	421,686	-	-	54,080,388
2012	54,080,388	1,887,708	518,193	-	-	55,449,903
2013	55,449,903	1,632,727	412,391	-	-	56,670,238
2014	56,670,238	1,753,434	381,570	-	-	58,042,102
2015	58,042,102	1,974,968	374,685	-	-	59,642,385
2016	59,642,385	1,831,754	334,141	-	-	61,139,997
2017	61,139,997	1,898,764	453,674	-	-	62,585,087
2018	62,585,087	2,076,352	325,910	-	-	64,335,529
2019	64,335,529	2,056,845	378,489	-	-	66,013,885
2020	66,013,885	2,045,567	298,728	-	-	67,760,724
2021	67,760,724	2,518,463	491,992	-	-	69,787,195
2022	69,787,195	2,471,558	467,913	-	-	71,790,841
2023	71,790,841	3,141,427	387,428	-	-	74,544,840

South Kentucky Rural Electric Cooperative Corp
Annual Retirements and Net Salvage

Acct 365
Overhead Conds, & Devices

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	61,139,997	334,141	0.5%	504	245,888	(245,384)	-73.4%
2017	62,585,087	453,674	0.7%	1,873	255,561	(253,688)	-55.9%
2018	64,335,529	325,910	0.5%	1,138	243,082	(241,945)	-74.2%
2019	66,013,885	378,489	0.6%	496	257,201	(256,705)	-67.8%
2020	67,760,724	298,728	0.4%	146	211,704	(211,558)	-70.8%
2021	69,787,195	491,992	0.7%	10,988	261,802	(250,815)	-51.0%
2022	71,790,841	467,913	0.7%	2,262	275,761	(273,499)	-58.5%
2023	74,544,840	387,428	0.5%	929	323,549	(322,620)	-83.3%
Total	74,544,840	3,138,274	4.2%	18,335	2,074,549	(2,056,214)	-65.5%
						Five Year Average Net Salvage	-65.0%
						Recommend Net Salvage	-46.0%

Account 366 – Underground Conduit

South Kentucky RECC
Account 366 -- Underground Conduit

Simulated Retirements for Iowa Curve R4 with ASL = 49

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1940	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0

South Kentucky RECC
 Account 366 -- Underground Conduit

Simulated Retirements for Iowa Curve R4 with ASL = 49

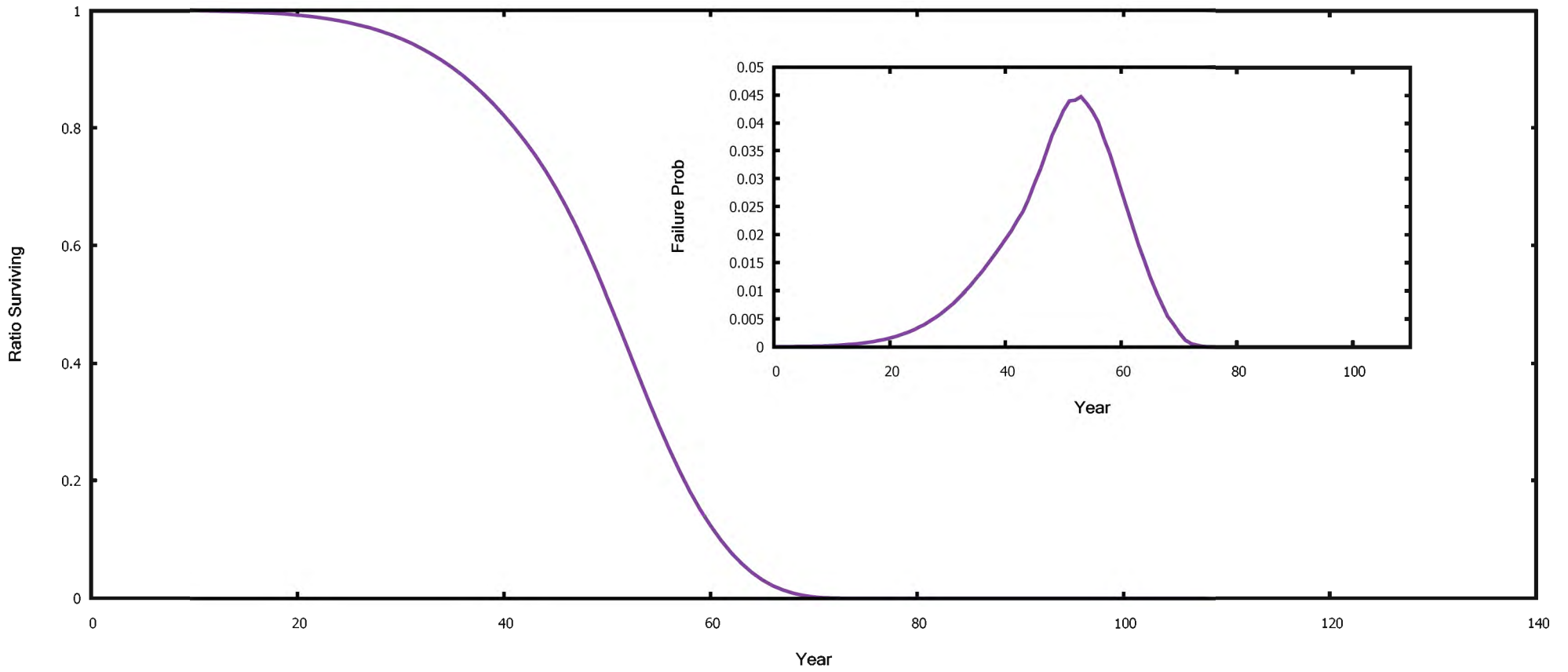
Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1968	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0
1979	2708	0	2708	0	2708	0	0
1980	57	0	2765	0	2765	-0	0
1981	70	0	2835	0	2835	-0	0
1982	0	0	2835	0	2835	-0	0
1983	874	0	3709	0	3709	-0	0
1984	494	0	4204	0	4203	-0	1
1985	667	0	4870	0	4870	-0	1
1986	1846	0	6716	0	6715	-0	1
1987	1686	30	8372	0	8401	29	-28
1988	3799	134	12037	1	12199	134	-162
1989	5749	377	17409	1	17947	376	-538
1990	4559	0	21968	1	22505	-1	-537
1991	7606	0	29574	2	30109	-2	-535
1992	9221	0	38795	2	39328	-2	-533
1993	9818	0	48614	3	49144	-3	-530
1994	11756	43	60326	4	60896	39	-569
1995	22366	256	82437	5	83257	251	-820

South Kentucky RECC
 Account 366 -- Underground Conduit

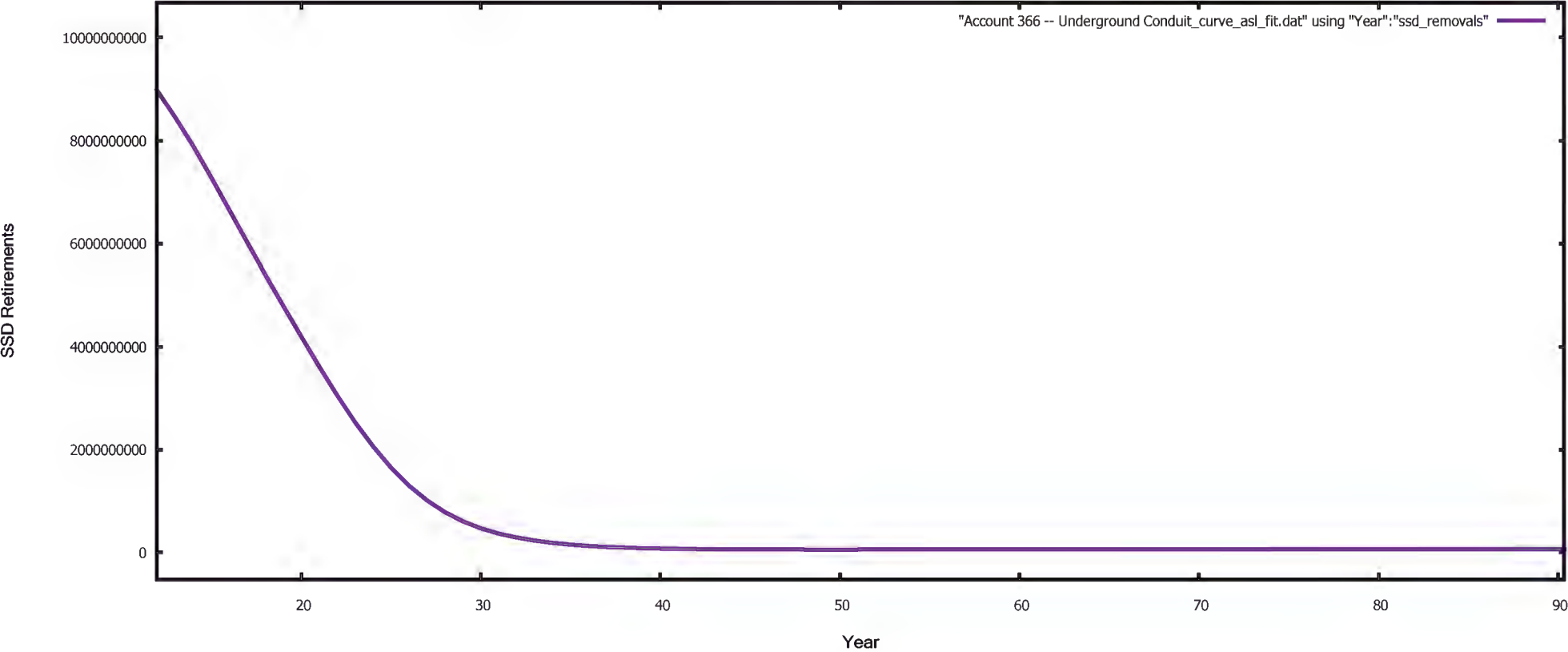
Simulated Retirements for Iowa Curve R4 with ASL = 49

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1996	23619	281	105775	7	106869	274	-1094
1997	28395	133	134037	9	135255	124	-1218
1998	19140	281	152896	12	154383	269	-1487
1999	25800	544	178152	16	180167	528	-2015
2000	23704	22	201834	20	203850	2	-2017
2001	16815	110	218539	26	220640	84	-2100
2002	32668	148	251059	32	253275	116	-2216
2003	17641	602	268098	41	270875	561	-2777
2004	25346	873	292570	51	296170	822	-3599
2005	28352	715	320207	63	324459	652	-4252
2006	29634	7085	342757	78	354016	7007	-11259
2007	26128	565	368320	95	380048	469	-11728
2008	23906	413	391813	116	403838	296	-12025
2009	18726	26	410513	142	422422	-115	-11909
2010	23748	401	433859	172	445998	230	-12139
2011	16717	0	450576	207	462508	-207	-11932
2012	24693	683	474585	248	486952	435	-12367
2013	24062	611	498035	297	510717	315	-12682
2014	32884	440	530479	354	543247	87	-12768
2015	23779	1248	553009	420	566606	828	-13596
2016	24317	787	576539	496	590427	292	-13888
2017	19946	781	595704	584	609789	197	-14085
2018	26662	839	621527	684	635767	155	-14240
2019	11756	989	632293	799	646724	190	-14430
2020	6634	1443	637484	930	652428	513	-14943
2021	7417	74	644828	1078	658767	-1004	-13939
2022	13296	1562	656562	1245	670818	316	-14256
2023	12311	337	668536	1434	681696	-1096	-13159

Account No. 366 -- Underground Conduit
Iowa Curve: R4 ASL: 49 Years



South Kentucky RECC
Account No. 366 Underground Conduit
Sum of Squared Differences (SSD) for R4



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 366 -- Underground Conduit

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	-	-	-	-	-	-
1944	-	-	-	-	-	-
1945	-	-	-	-	-	-
1946	-	-	-	-	-	-
1947	-	-	-	-	-	-
1948	-	-	-	-	-	-
1949	-	-	-	-	-	-
1950	-	-	-	-	-	-
1951	-	-	-	-	-	-
1952	-	-	-	-	-	-
1953	-	-	-	-	-	-
1954	-	-	-	-	-	-
1955	-	-	-	-	-	-
1956	-	-	-	-	-	-
1957	-	-	-	-	-	-
1958	-	-	-	-	-	-
1959	-	-	-	-	-	-
1960	-	-	-	-	-	-
1961	-	-	-	-	-	-
1962	-	-	-	-	-	-
1963	-	-	-	-	-	-
1964	-	-	-	-	-	-
1965	-	-	-	-	-	-
1966	-	-	-	-	-	-
1967	-	-	-	-	-	-
1968	-	-	-	-	-	-
1969	-	-	-	-	-	-
1970	-	-	-	-	-	-
1971	-	-	-	-	-	-
1972	-	-	-	-	-	-
1973	-	-	-	-	-	-
1974	-	-	-	-	-	-
1975	-	-	-	-	-	-
1976	-	-	-	-	-	-
1977	-	-	-	-	-	-
1978	-	-	-	-	-	-
1979	-	2,708	-	-	-	2,708
1980	2,708	57	-	-	-	2,765
1981	2,765	70	-	-	-	2,835
1982	2,835	-	-	-	-	2,835
1983	2,835	874	-	-	-	3,709
1984	3,709	345	-	150	-	4,204

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 366 -- Underground Conduit

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1985	4,204	667	-	-	-	4,870
1986	4,870	1,846	-	-	-	6,716
1987	6,716	1,686	30	-	-	8,372
1988	8,372	3,799	134	-	-	12,037
1989	12,037	5,749	377	-	-	17,409
1990	17,409	4,559	-	-	-	21,968
1991	21,968	7,606	-	-	-	29,574
1992	29,574	9,221	-	-	-	38,795
1993	38,795	9,818	-	-	-	48,614
1994	48,614	11,756	43	-	-	60,326
1995	60,326	22,366	256	-	-	82,437
1996	82,437	23,619	281	-	-	105,775
1997	105,775	28,395	133	-	-	134,037
1998	134,037	19,140	281	-	-	152,896
1999	152,896	25,800	544	-	-	178,152
2000	178,152	23,704	22	-	-	201,834
2001	201,834	16,815	110	-	-	218,539
2002	218,539	32,668	148	-	-	251,059
2003	251,059	17,641	602	-	-	268,098
2004	268,098	25,346	873	-	-	292,570
2005	292,570	28,352	715	-	-	320,207
2006	320,207	29,634	7,085	-	-	342,757
2007	342,757	26,128	565	-	-	368,320
2008	368,320	23,906	413	-	-	391,813
2009	391,813	18,726	26	-	-	410,513
2010	410,513	23,748	401	-	-	433,859
2011	433,859	16,717	-	-	-	450,576
2012	450,576	24,693	683	-	-	474,585
2013	474,585	24,062	611	-	-	498,035
2014	498,035	32,884	440	-	-	530,479
2015	530,479	23,779	1,248	-	-	553,009
2016	553,009	24,317	787	-	-	576,539
2017	576,539	19,946	781	-	-	595,704
2018	595,704	26,662	839	-	-	621,527
2019	621,527	11,756	989	-	-	632,293
2020	632,293	6,634	1,443	-	-	637,484
2021	637,484	7,417	74	-	-	644,828
2022	644,828	13,296	1,562	-	-	656,562
2023	656,562	12,311	337	-	-	668,536

South Kentucky Rural Electric Cooperative Corp
Annual Retirements and Net Salvage

Acct 366
Underground Conduit

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	576,539	787	0.1%	-	-		
2017	595,704	781	0.1%	-	-		
2018	621,527	839	0.1%	-	-		
2019	632,293	989	0.2%	-	-		
2020	637,484	1,443	0.2%	-	-		
2021	644,828	74	0.0%	-	-		
2022	656,562	1,562	0.2%	-	-		
2023	668,536	337	0.1%	-	-		
Total	668,536	6,812	1.0%	-	-		
						Five Year Average Net Salvage	0.0%
						Recommend Net Salvage	0.0%

Account 367 – Underground Conductor

South Kentucky RECC
 Account 367 -- Underground Conductors and Devices

Simulated Balance for Iowa Curve R4.5 with ASL = 34

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1940	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0

South Kentucky RECC
 Account 367 -- Underground Conductors and Devices

Simulated Balance for Iowa Curve R4.5 with ASL = 34

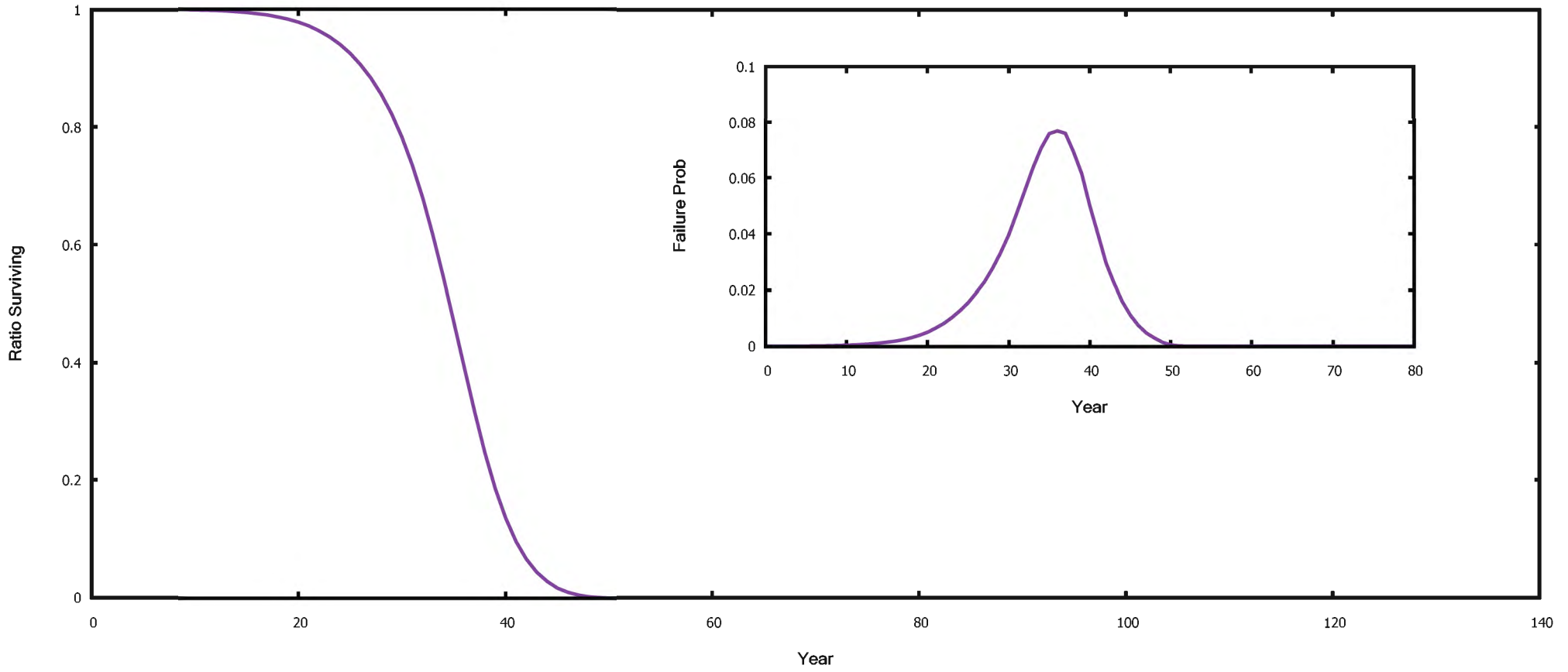
Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1968	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0
1970	1368	0	1368	0	1368	0	0
1971	5111	0	6479	0	6479	-0	0
1972	31450	0	37929	0	37929	-0	0
1973	13094	0	51024	1	51023	-1	1
1974	33785	0	84808	1	84806	-1	2
1975	28370	119	113060	2	113174	117	-115
1976	8575	0	121635	4	121746	-4	-111
1977	188	328	121495	5	121928	323	-434
1978	1068	0	122563	8	122989	-8	-426
1979	6352	110	128804	11	129330	99	-525
1980	3115	0	131920	16	132429	-16	-509
1981	671	0	132590	22	133077	-22	-487
1982	3207	32	135765	30	136254	2	-489
1983	5312	4	141073	41	141524	-38	-451
1984	128	128	141073	56	141597	73	-523
1985	7386	4254	144205	73	148909	4181	-4704
1986	6423	396	150232	97	155235	299	-5003
1987	14954	1026	164160	126	170063	900	-5903
1988	9570	2061	171669	165	179468	1896	-7799
1989	38781	6142	204308	214	218035	5928	-13727
1990	16769	2361	218715	276	234527	2085	-15812
1991	45096	11123	252688	358	279265	10765	-26577
1992	28946	622	281013	459	307752	163	-26740
1993	2938	361	283590	593	310098	-232	-26508
1994	18194	2222	299562	753	327539	1469	-27977
1995	75209	-1511	376281	955	401793	-2466	-25511

South Kentucky RECC
 Account 367 -- Underground Conductors and Devices

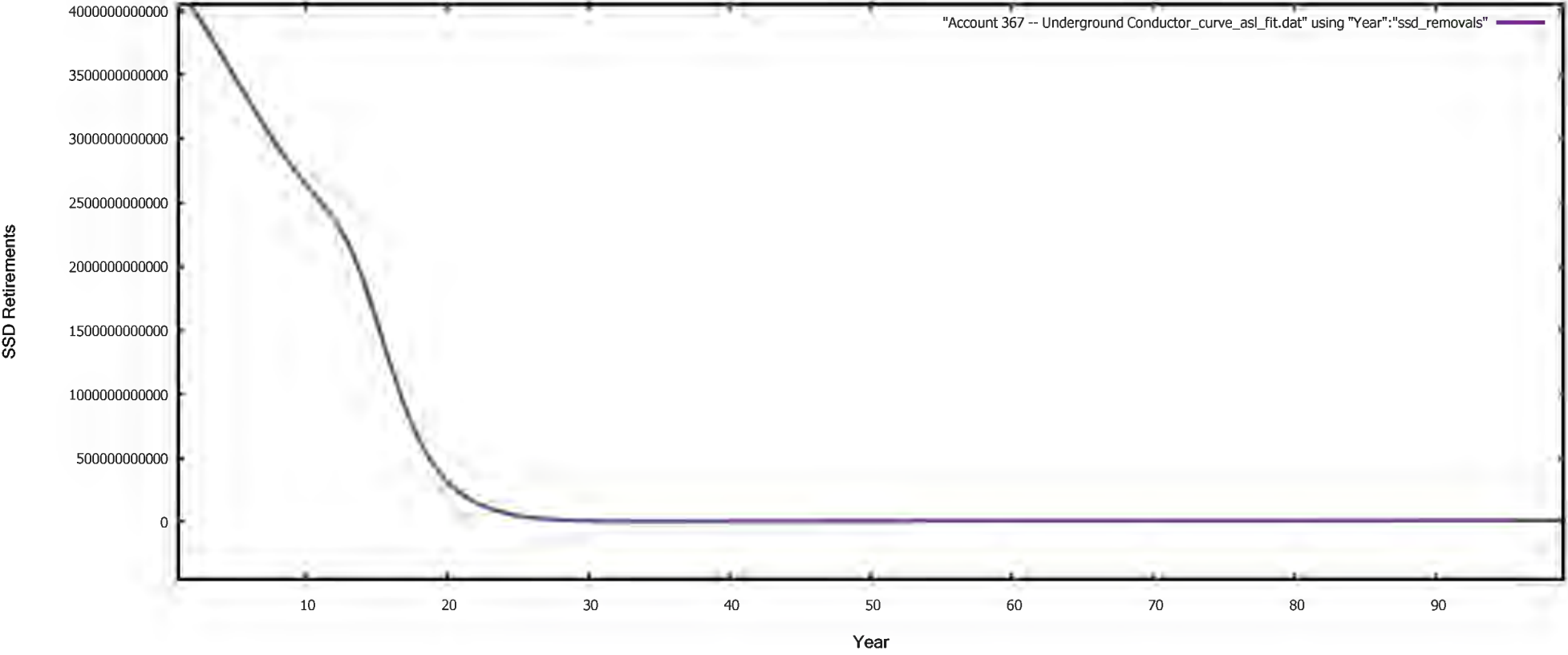
Simulated Balance for Iowa Curve R4.5 with ASL = 34

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1996	84489	4712	456058	1201	485081	3511	-29022
1997	125521	2688	578891	1493	609108	1195	-30217
1998	196401	2497	772796	1853	803657	644	-30861
1999	134866	467	907194	2271	936251	-1804	-29057
2000	103536	596	1010135	2780	1037007	-2184	-26872
2001	159803	7525	1162413	3380	1193430	4145	-31017
2002	320795	1880	1481328	4089	1510136	-2209	-28808
2003	351593	5848	1827073	4933	1856796	915	-29723
2004	516148	2969	2340252	5892	2367052	-2923	-26800
2005	547095	35138	2852208	6963	2907184	28176	-54976
2006	875265	53031	3674442	8086	3774363	44945	-99921
2007	687581	12143	4349880	9204	4452740	2939	-102860
2008	863502	11228	5202154	10192	5306050	1037	-103896
2009	379064	7146	5574071	11035	5674078	-3890	-100007
2010	289164	5848	5857387	11580	5951662	-5732	-94275
2011	195636	5764	6047259	11937	6135361	-6173	-88102
2012	275582	11683	6311159	12051	6398892	-368	-87734
2013	374135	10469	6674825	12133	6760895	-1664	-86070
2014	299287	24383	6949730	12260	7047922	12123	-98192
2015	418321	33231	7334820	12691	7453552	20540	-118732
2016	352910	8035	7679695	13498	7792964	-5463	-113269
2017	366422	9888	8036229	14874	8144512	-4987	-108282
2018	354769	17449	8373550	16884	8482397	565	-108847
2019	411936	34689	8750796	19587	8874746	15103	-123950
2020	383041	15843	9117994	23094	9234694	-7250	-116700
2021	491713	27409	9582299	27441	9698966	-32	-116668
2022	351438	32445	9901291	32784	10017620	-339	-116329
2023	1191157	27654	11064794	39155	11169621	-11501	-104827

Account No. 367 -- Underground Conductor
Iowa Curve: R4.5 ASL: 34 Years



South Kentucky RECC
Account No. 367 Underground Conductor
Sum of Squared Differences (SSD) for R4.5



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 367 -- Underground Conductors and Devices

	<u>Beg. of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	-	-	-	-	-	-
1944	-	-	-	-	-	-
1945	-	-	-	-	-	-
1946	-	-	-	-	-	-
1947	-	-	-	-	-	-
1948	-	-	-	-	-	-
1949	-	-	-	-	-	-
1950	-	-	-	-	-	-
1951	-	-	-	-	-	-
1952	-	-	-	-	-	-
1953	-	-	-	-	-	-
1954	-	-	-	-	-	-
1955	-	-	-	-	-	-
1956	-	-	-	-	-	-
1957	-	-	-	-	-	-
1958	-	-	-	-	-	-
1959	-	-	-	-	-	-
1960	-	-	-	-	-	-
1961	-	-	-	-	-	-
1962	-	-	-	-	-	-
1963	-	-	-	-	-	-
1964	-	-	-	-	-	-
1965	-	-	-	-	-	-
1966	-	-	-	-	-	-
1967	-	-	-	-	-	-
1968	-	-	-	-	-	-
1969	-	-	-	-	-	-
1970	-	1,368	-	-	-	1,368
1971	1,368	5,111	-	-	-	6,479
1972	6,479	31,450	-	-	-	37,929
1973	37,929	13,094	-	-	-	51,024
1974	51,024	33,785	-	-	-	84,808
1975	84,808	28,370	119	-	-	113,060
1976	113,060	8,575	-	-	-	121,635
1977	121,635	188	328	-	-	121,495
1978	121,495	1,068	-	-	-	122,563
1979	122,563	6,352	110	-	-	128,804
1980	128,804	3,115	-	-	-	131,920
1981	131,920	671	-	-	-	132,590
1982	132,590	3,207	32	-	-	135,765

**SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY**

Account 367 -- Underground Conductors and Devices

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1983	135,765	5,312	4	-	-	141,073
1984	141,073	278	128	-	150	141,073
1985	141,073	7,386	4,254	-	-	144,205
1986	144,205	6,423	396	-	-	150,232
1987	150,232	14,954	1,026	-	-	164,160
1988	164,160	9,570	2,061	-	-	171,669
1989	171,669	38,781	6,142	-	-	204,308
1990	204,308	16,769	2,361	-	-	218,715
1991	218,715	45,096	11,123	-	-	252,688
1992	252,688	28,946	622	-	-	281,013
1993	281,013	2,938	361	-	-	283,590
1994	283,590	18,194	2,222	-	-	299,562
1995	299,562	75,209	(1,511)	-	-	376,281
1996	376,281	84,489	4,712	-	-	456,058
1997	456,058	125,521	2,688	-	-	578,891
1998	578,891	196,401	2,497	-	-	772,796
1999	772,796	134,866	467	-	-	907,194
2000	907,194	103,536	596	-	-	1,010,135
2001	1,010,135	159,803	7,525	-	-	1,162,413
2002	1,162,413	320,795	1,880	-	-	1,481,328
2003	1,481,328	351,593	5,848	-	-	1,827,073
2004	1,827,073	516,148	2,969	-	-	2,340,252
2005	2,340,252	547,095	35,138	-	-	2,852,208
2006	2,852,208	875,265	53,031	-	-	3,674,442
2007	3,674,442	687,581	12,143	-	-	4,349,880
2008	4,349,880	863,502	11,228	-	-	5,202,154
2009	5,202,154	379,064	7,146	-	-	5,574,071
2010	5,574,071	289,164	5,848	-	-	5,857,387
2011	5,857,387	195,636	5,764	-	-	6,047,259
2012	6,047,259	275,582	11,683	-	-	6,311,159
2013	6,311,159	374,135	10,469	-	-	6,674,825
2014	6,674,825	299,287	24,383	-	-	6,949,730
2015	6,949,730	418,321	33,231	-	-	7,334,820
2016	7,334,820	352,910	8,035	-	-	7,679,695
2017	7,679,695	366,422	9,888	-	-	8,036,229
2018	8,036,229	354,769	17,449	-	-	8,373,550
2019	8,373,550	411,936	34,689	-	-	8,750,796
2020	8,750,796	383,041	15,843	-	-	9,117,994
2021	9,117,994	491,713	27,409	-	-	9,582,299
2022	9,582,299	351,438	32,445	-	-	9,901,291
2023	9,901,291	1,191,157	27,654	-	-	11,064,794

South Kentucky Rural Electric Cooperative Corp Annual Retirements and Net Salvage

Acct 367
Underground Conds & Devices

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	7,679,695	8,035	0.1%	11	6,872	(6,862)	-85.4%
2017	8,036,229	9,888	0.1%	35	6,474	(6,439)	-65.1%
2018	8,373,550	17,449	0.2%	53	15,127	(15,074)	-86.4%
2019	8,750,796	34,689	0.4%	39	27,400	(27,360)	-78.9%
2020	9,117,994	15,843	0.2%	7	13,051	(13,044)	-82.3%
2021	9,582,299	27,409	0.3%	532	16,953	(16,421)	-59.9%
2022	9,901,291	32,445	0.3%	136	22,226	(22,089)	-68.1%
2023	11,064,794	27,654	0.2%	58	26,844	(26,786)	-96.9%
Total	11,064,794	173,412	1.6%	871	134,946	(134,075)	-77.3%
Five Year Average Net Salvage							-76.6%
Recommend Net Salvage							-15.0%

Account 368 – Transformers

South Kentucky RECC
 Account 368 -- Line Transformers

Simulated Balance for Iowa Curve L3 with ASL = 40

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	15972	0	15972	0	63887	0	-47915
1939	31943	0	47915	0	95830	0	-47915
1940	47915	0	95830	0	143745	-0	-47915
1941	3517	0	99348	0	147262	-0	-47915
1942	27583	185	126746	1	174845	184	-48099
1943	8326	132	134939	3	183167	129	-48228
1944	6639	136	141443	10	189797	126	-48354
1945	17960	85	159318	23	207734	62	-48416
1946	39016	25	198309	44	246706	-19	-48397
1947	38701	359	236651	73	285334	286	-48683
1948	141466	819	377298	114	426686	705	-49388
1949	205931	45593	537636	164	632454	45429	-94818
1950	165234	12695	690175	226	797461	12469	-107287
1951	95240	1009	784406	300	892402	709	-107996
1952	84895	6129	863171	388	976909	5741	-113737
1953	84895	6129	941937	496	1061308	5634	-119371
1954	84895	6129	1020703	632	1145572	5497	-124868
1955	84895	6129	1099469	805	1229662	5324	-130192
1956	50370	973	1148867	1033	1278999	-59	-130133
1957	81431	5367	1224930	1320	1359110	4047	-134180
1958	78398	4743	1298585	1680	1435828	3062	-137243
1959	188819	27776	1459628	2118	1622529	25658	-162901
1960	170685	23254	1607059	2650	1790564	20604	-183505
1961	128934	39312	1696681	3279	1916219	36033	-219538
1962	99531	24487	1771725	4015	2011735	20473	-240010
1963	83771	8123	1847373	4860	2090646	3263	-243273
1964	105059	13462	1938970	5821	2189885	7641	-250914
1965	108964	12304	2035630	6910	2291938	5394	-256308

South Kentucky RECC
 Account 368 -- Line Transformers

Simulated Balance for Iowa Curve L3 with ASL = 40

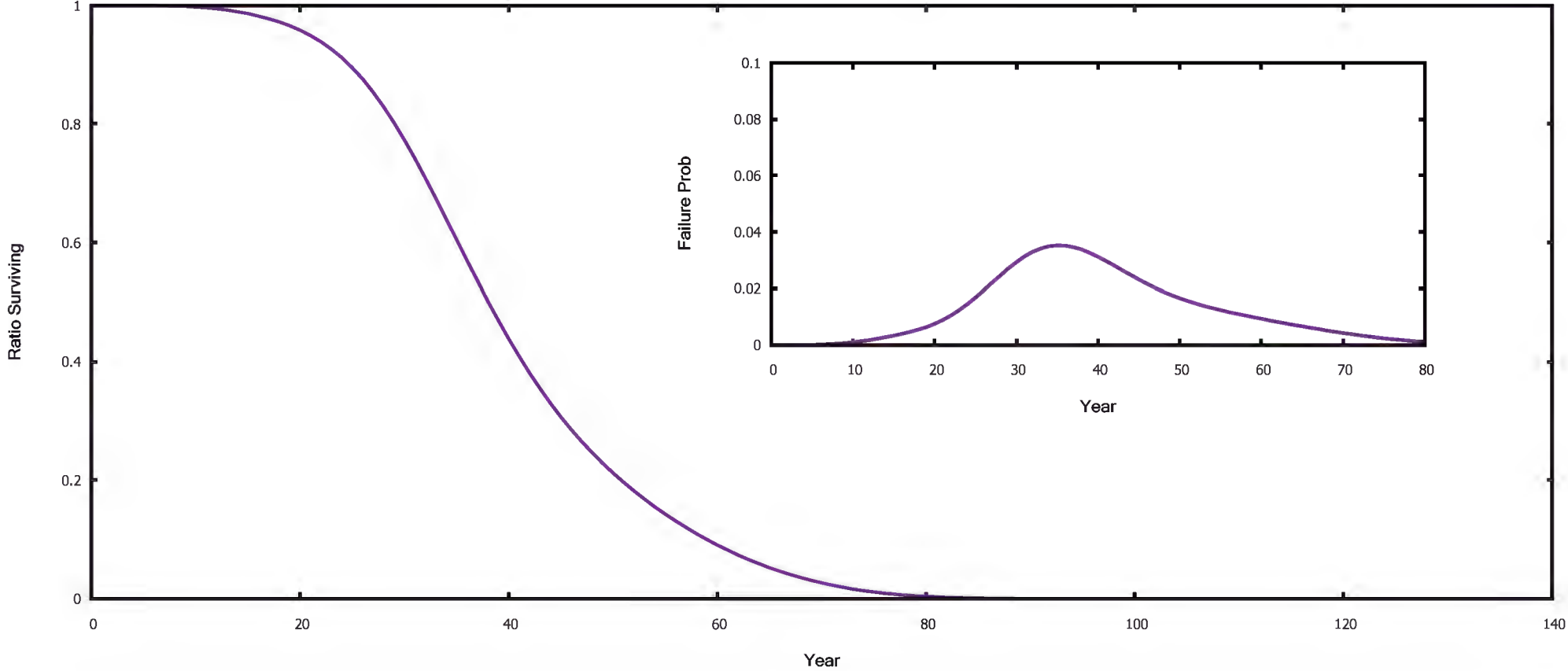
Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	146795	11742	2170683	8129	2430604	3613	-259921
1967	124941	15605	2280018	9504	2546040	6101	-266022
1968	157760	12278	2425500	11029	2692771	1249	-267271
1969	179284	15060	2589724	12735	2859319	2324	-269595
1970	225832	13666	2801890	14622	3070529	-956	-268639
1971	233840	55668	2980062	16720	3287650	38948	-307587
1972	244649	46443	3178268	19023	3513276	27421	-335008
1973	303152	14041	3467379	21553	3794874	-7512	-327495
1974	409290	100868	3775801	24293	4179871	76575	-404071
1975	250314	53801	3972313	27247	4402939	26554	-430625
1976	442277	70214	4344376	30386	4814829	39828	-470454
1977	536179	87232	4793323	33699	5317309	53532	-523986
1978	696438	89653	5400107	37155	5976591	52498	-576484
1979	503041	108621	5794528	40733	6438899	67887	-644371
1980	327072	73584	6048016	44410	6721562	29174	-673546
1981	593916	129072	6512860	48159	7267319	80913	-754459
1982	266226	70842	6708244	51989	7481556	18853	-773312
1983	412328	59849	7060722	55862	7838022	3987	-777299
1984	477169	43220	7494671	59830	8255361	-16610	-760690
1985	409473	78942	7825201	63852	8600981	15090	-775780
1986	573624	86128	8312698	67989	9106617	18139	-793919
1987	526983	24282	8815400	72201	9561399	-47920	-745999
1988	635534	73230	9377704	76546	10120386	-3317	-742682
1989	694342	31385	10040661	81041	10733687	-49656	-693026
1990	562574	38298	10564936	85713	11210548	-47415	-645612
1991	545353	12782	11097507	90615	11665286	-77833	-567779
1992	613338	13553	11697293	95806	12182819	-82253	-485526
1993	714437	16213	12395517	101335	12795921	-85122	-400404

South Kentucky RECC
 Account 368 -- Line Transformers

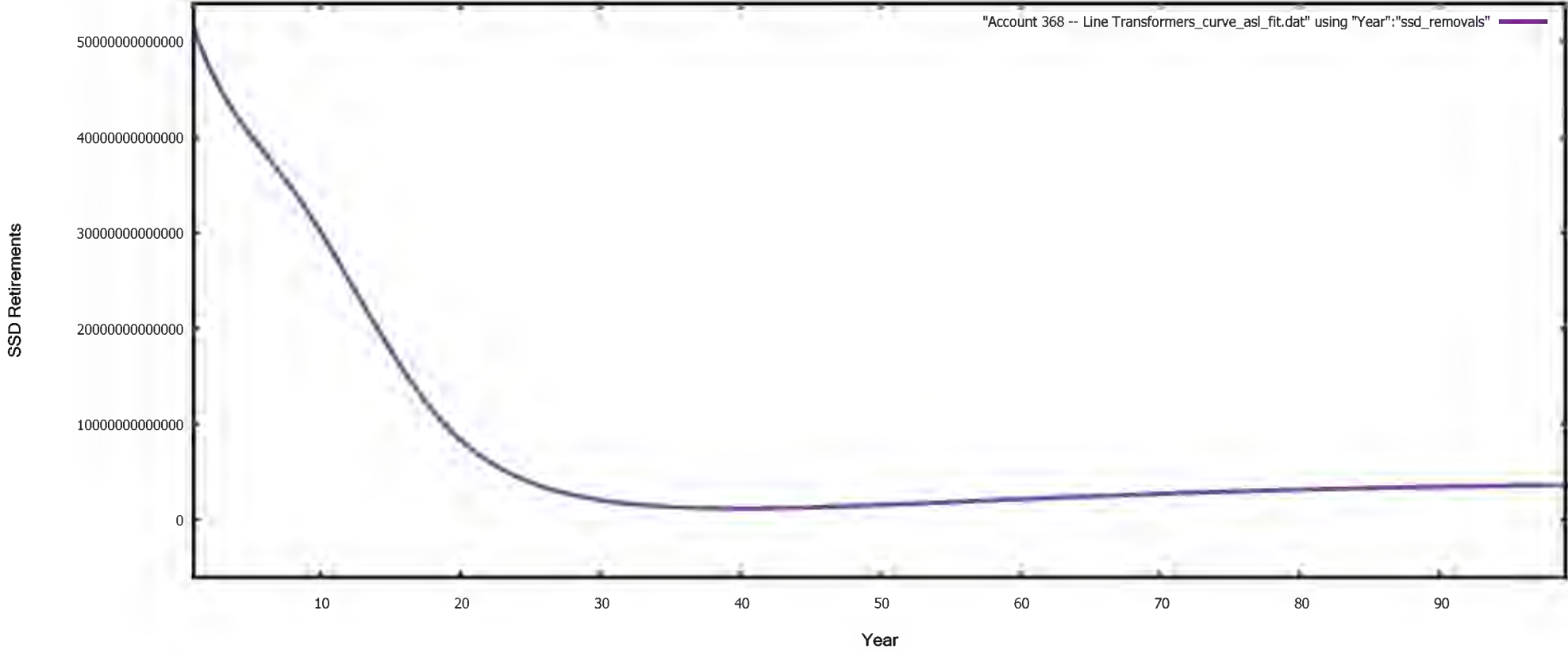
Simulated Balance for Iowa Curve L3 with ASL = 40

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	730645	7429	13118733	107295	13419271	-99866	-300538
1995	817555	991651	12944636	113748	14123078	877903	-1178441
1996	875749	210870	13609515	120771	14878056	90099	-1268541
1997	932483	163097	14378901	128455	15682083	34642	-1303182
1998	950722	107846	15221776	136819	16495986	-28973	-1274210
1999	921807	190180	15953402	145973	17271820	44208	-1318418
2000	1029433	163857	16818978	155875	18145377	7981	-1326399
2001	1034112	192729	17660361	166620	19012869	26109	-1352508
2002	1172803	209914	18623251	178097	20007576	31816	-1384325
2003	1119719	270167	19472802	190350	20936945	79818	-1464142
2004	1386853	270205	20589450	203244	22120553	66960	-1531103
2005	1754043	318946	22024548	216747	23657849	102199	-1633301
2006	2416237	492664	23948120	230754	25843332	261910	-1895211
2007	3440613	349853	27038881	245165	29038780	104688	-1999899
2008	2183496	381774	28840602	259951	30962325	121823	-2121722
2009	2403622	382367	30861858	274987	33090960	107380	-2229102
2010	1789015	437365	32213508	290335	34589640	147030	-2376132
2011	1431953	395257	33250205	305920	35715673	89337	-2465469
2012	1577211	398154	34429262	321920	36970964	76234	-2541703
2013	1202778	315819	35316220	338350	37835392	-22531	-2519172
2014	1440347	309665	36446903	355399	38920340	-45735	-2473437
2015	1295343	282145	37460101	373162	39842521	-91017	-2382420
2016	1371475	262925	38568651	391676	40822320	-128751	-2253670
2017	1459462	266646	39761467	411109	41870673	-144463	-2109206
2018	1477358	250153	40988671	431496	42916535	-181343	-1927864
2019	1482571	318645	42152597	452917	43946190	-134271	-1793592
2020	1671610	410736	43413470	475464	45142335	-64728	-1728865
2021	2036654	381750	45068374	499167	46679822	-117417	-1611448
2022	2054664	544872	46578165	524129	46155693	20743	422472
2023	3279177	373122	49484220	550449	47659896	-177327	1824324

Account No. 368 -- Line Transformers
Iowa Curve: L3 ASL: 40 Years



South Kentucky RECC
Account No. 368 Line Transformers
Sum of Squared Differences (SSD) for L3



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 368 -- Line Transformers

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1938	-	15,972	-	-	-	15,972
1939	15,972	31,943	-	-	-	47,915
1940	47,915	47,915	-	-	-	95,830
1941	95,830	3,517	-	-	-	99,348
1942	99,348	27,583	185	-	-	126,746
1943	126,746	8,326	132	-	-	134,939
1944	134,939	6,639	136	-	-	141,443
1945	141,443	17,960	85	-	-	159,318
1946	159,318	39,016	25	-	-	198,309
1947	198,309	38,701	359	-	-	236,651
1948	236,651	141,466	819	-	-	377,298
1949	377,298	205,931	45,593	-	-	537,636
1950	537,636	165,234	12,695	-	-	690,175
1951	690,175	95,240	1,009	-	-	784,406
1952	784,406	84,895	6,129	-	-	863,171
1953	863,171	84,895	6,129	-	-	941,937
1954	941,937	84,895	6,129	-	-	1,020,703
1955	1,020,703	84,895	6,129	-	-	1,099,469
1956	1,099,469	50,370	973	-	-	1,148,867
1957	1,148,867	81,431	5,367	-	-	1,224,930
1958	1,224,930	78,398	4,743	-	-	1,298,585
1959	1,298,585	188,819	27,776	-	-	1,459,628
1960	1,459,628	170,685	23,254	-	-	1,607,059
1961	1,607,059	128,934	39,312	-	-	1,696,681
1962	1,696,681	99,531	24,487	-	-	1,771,725
1963	1,771,725	83,771	8,123	-	-	1,847,373
1964	1,847,373	105,059	13,462	-	-	1,938,970
1965	1,938,970	108,964	12,304	-	-	2,035,630
1966	2,035,630	146,795	11,742	-	-	2,170,683
1967	2,170,683	124,941	15,605	-	-	2,280,019
1968	2,280,019	157,760	12,278	-	-	2,425,500
1969	2,425,500	179,284	15,060	-	-	2,589,724
1970	2,589,724	225,832	13,666	-	-	2,801,890
1971	2,801,890	233,840	55,668	-	-	2,980,062
1972	2,980,062	244,649	46,443	-	-	3,178,268
1973	3,178,268	303,152	14,041	-	-	3,467,379
1974	3,467,379	409,290	100,868	-	-	3,775,801
1975	3,775,801	250,314	53,801	-	-	3,972,313
1976	3,972,313	442,277	70,214	-	-	4,344,376
1977	4,344,376	536,179	87,232	-	-	4,793,323
1978	4,793,323	696,438	89,653	-	-	5,400,107
1979	5,400,107	503,041	108,621	-	-	5,794,528
1980	5,794,528	327,072	73,584	-	-	6,048,016
1981	6,048,016	593,916	129,072	-	-	6,512,860
1982	6,512,860	266,226	70,842	-	-	6,708,244
1983	6,708,244	412,328	59,849	-	-	7,060,722
1984	7,060,722	477,169	43,220	-	-	7,494,671
1985	7,494,671	409,473	78,942	-	-	7,825,201
1986	7,825,201	573,624	86,128	-	-	8,312,698
1987	8,312,698	526,983	24,282	-	-	8,815,400

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 368 -- Line Transformers

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1988	8,815,400	635,534	73,230	-	-	9,377,704
1989	9,377,704	694,342	31,385	-	-	10,040,661
1990	10,040,661	562,574	38,298	-	-	10,564,936
1991	10,564,936	545,353	12,782	-	-	11,097,507
1992	11,097,507	613,338	13,553	-	-	11,697,293
1993	11,697,293	714,437	16,213	-	-	12,395,517
1994	12,395,517	730,645	7,429	-	-	13,118,733
1995	13,118,733	817,555	991,651	-	-	12,944,636
1996	12,944,636	875,749	210,870	-	-	13,609,515
1997	13,609,515	932,483	163,097	-	-	14,378,901
1998	14,378,901	950,722	107,846	-	-	15,221,776
1999	15,221,776	921,807	190,180	-	-	15,953,402
2000	15,953,402	1,029,433	163,857	-	-	16,818,978
2001	16,818,978	1,034,112	192,729	-	-	17,660,361
2002	17,660,361	1,172,803	209,914	-	-	18,623,251
2003	18,623,251	1,119,719	270,167	-	-	19,472,802
2004	19,472,802	1,386,853	270,205	-	-	20,589,450
2005	20,589,450	1,754,043	318,946	-	-	22,024,548
2006	22,024,548	2,416,237	492,664	-	-	23,948,120
2007	23,948,120	3,440,613	349,853	-	-	27,038,881
2008	27,038,881	2,183,496	381,774	-	-	28,840,602
2009	28,840,602	2,403,622	382,367	-	-	30,861,858
2010	30,861,858	1,789,015	437,365	-	-	32,213,508
2011	32,213,508	1,431,953	395,257	-	-	33,250,205
2012	33,250,205	1,577,211	398,154	-	-	34,429,262
2013	34,429,262	1,202,778	315,819	-	-	35,316,220
2014	35,316,220	1,440,347	309,665	-	-	36,446,903
2015	36,446,903	1,295,343	282,145	-	-	37,460,101
2016	37,460,101	1,371,475	262,925	-	-	38,568,651
2017	38,568,651	1,459,462	266,646	-	-	39,761,467
2018	39,761,467	1,477,358	250,153	-	-	40,988,671
2019	40,988,671	1,482,571	318,645	-	-	42,152,597
2020	42,152,597	1,671,610	410,736	-	-	43,413,470
2021	43,413,470	2,036,654	381,750	-	-	45,068,374
2022	45,068,374	2,054,664	544,872	-	-	46,578,165
2023	46,578,165	3,279,177	373,122	-	-	49,484,220

South Kentucky Rural Electric Cooperative Corp Annual Retirements and Net Salvage

Acct 368
Line Transformers

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	38,568,650	262,925	0.7%	740	71,861	(71,122)	-27.1%
2017	39,761,467	266,646	0.7%	2,052	55,788	(53,736)	-20.2%
2018	40,988,671	250,153	0.6%	1,627	69,297	(67,670)	-27.1%
2019	42,152,597	318,645	0.8%	778	80,423	(79,645)	-25.0%
2020	43,413,470	410,736	0.9%	375	108,112	(107,737)	-26.2%
2021	45,068,374	381,750	0.8%	15,891	75,449	(59,557)	-15.6%
2022	46,578,165	544,872	1.2%	4,910	119,267	(114,357)	-21.0%
2023	49,484,220	373,122	0.8%	1,668	115,732	(114,064)	-30.6%
Total	49,484,220	2,808,850	5.7%	28,040	695,929	(667,889)	-23.8%
Five Year Average Net Salvage							-23.4%
Recommend Net Salvage							-23.0%

Account 369 – Services

South Kentucky RECC
 Account 369 -- Services

Simulated Balance for Iowa Curve S3 with ASL = 45

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	5928	0	5928	0	23711	0	-17783
1939	11856	0	17783	0	35567	0	-17783
1940	17783	0	35567	0	53350	0	-17783
1941	2621	3	38185	0	55971	3	-17786
1942	22929	55	61059	0	78900	55	-17841
1943	2704	238	63526	0	81604	238	-18079
1944	3481	118	66888	0	85085	118	-18197
1945	4031	66	70854	0	89116	66	-18263
1946	4158	155	74857	0	93274	155	-18417
1947	2644	0	77500	1	95917	-1	-18417
1948	19689	0	97189	2	115604	-2	-18415
1949	61267	3205	155251	3	176868	3202	-21617
1950	109303	5264	259290	6	286166	5258	-26876
1951	33757	3665	289382	9	319913	3655	-30531
1952	27837	1176	316043	15	347735	1161	-31692
1953	27837	1176	342703	23	375549	1153	-32845
1954	27837	1176	369364	35	403350	1141	-33987
1955	27837	1176	396024	50	431137	1126	-35113
1956	17053	5098	407980	72	448118	5025	-40138
1957	27857	11446	424391	98	475877	11348	-51486
1958	35106	11462	448035	134	510849	11328	-62814
1959	36588	15531	469092	178	547259	15353	-78166
1960	39997	17596	491493	234	587021	17362	-95528
1961	29169	369	520293	305	615885	64	-95592
1962	30233	0	550527	389	645730	-389	-95203
1963	34837	33	585331	495	680072	-463	-94740
1964	65830	537	650624	620	745282	-82	-94658
1965	46346	2337	694633	771	790856	1565	-96223

South Kentucky RECC
 Account 369 -- Services

Simulated Balance for Iowa Curve S3 with ASL = 45

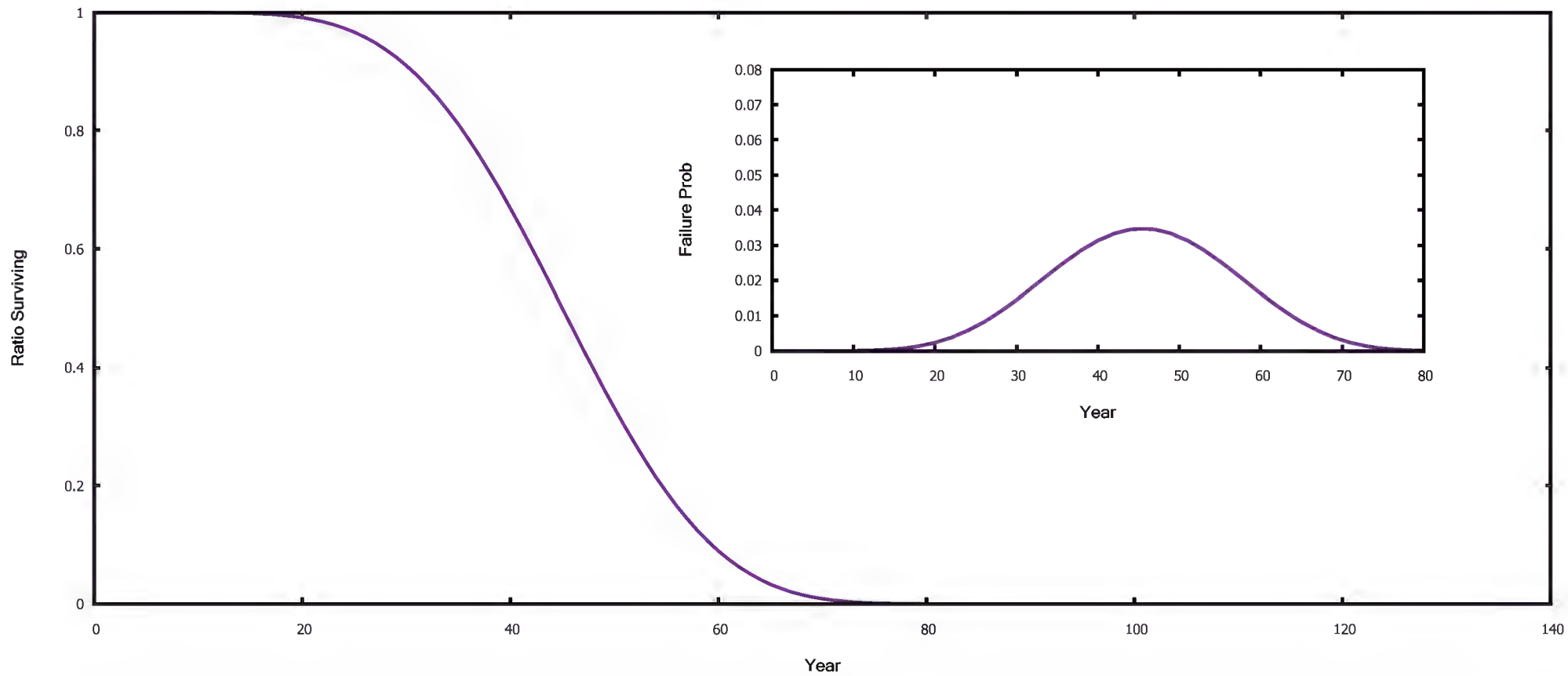
Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	45078	2672	737039	950	834985	1722	-97945
1967	47839	2303	782575	1159	881664	1144	-99089
1968	48258	1988	828845	1405	928518	584	-99672
1969	58808	2101	885552	1687	985638	414	-100086
1970	95563	2432	978683	2012	1079190	420	-100507
1971	129129	4190	1103621	2382	1205936	1808	-102315
1972	163620	9001	1258240	2797	1366759	6204	-108518
1973	196126	5300	1449066	3268	1559617	2032	-110550
1974	226844	6612	1669299	3783	1782678	2829	-113379
1975	234590	4000	1899889	4360	2012908	-360	-113019
1976	235118	10746	2124260	4985	2243040	5761	-118780
1977	296311	30963	2389608	5672	2533679	25292	-144072
1978	231682	32775	2588514	6414	2758947	26361	-170433
1979	200593	35147	2753960	7208	2952331	27938	-198371
1980	177948	38796	2893112	8068	3122211	30728	-229099
1981	226670	57401	3062381	8972	3339909	48429	-277528
1982	212778	69584	3205575	9945	3542742	59639	-337167
1983	262368	83269	3384675	10964	3794147	72305	-409472
1984	270014	60955	3593734	12047	4052113	48908	-458380
1985	267741	62160	3799315	13189	4306666	48971	-507351
1986	282870	72944	4009241	14391	4575145	58554	-565904
1987	289519	80097	4218663	15667	4848998	64430	-630335
1988	321537	84279	4455921	17009	5153526	67270	-697604
1989	371553	85995	4741479	18441	5506638	67554	-765159
1990	371778	95199	5018058	19960	5858456	75239	-840398
1991	402343	89785	5330616	21585	6239214	68200	-908597
1992	458237	108954	5679899	23329	6674122	85626	-994223
1993	407414	102074	5985239	25203	7056333	76871	-1071094

South Kentucky RECC
 Account 369 -- Services

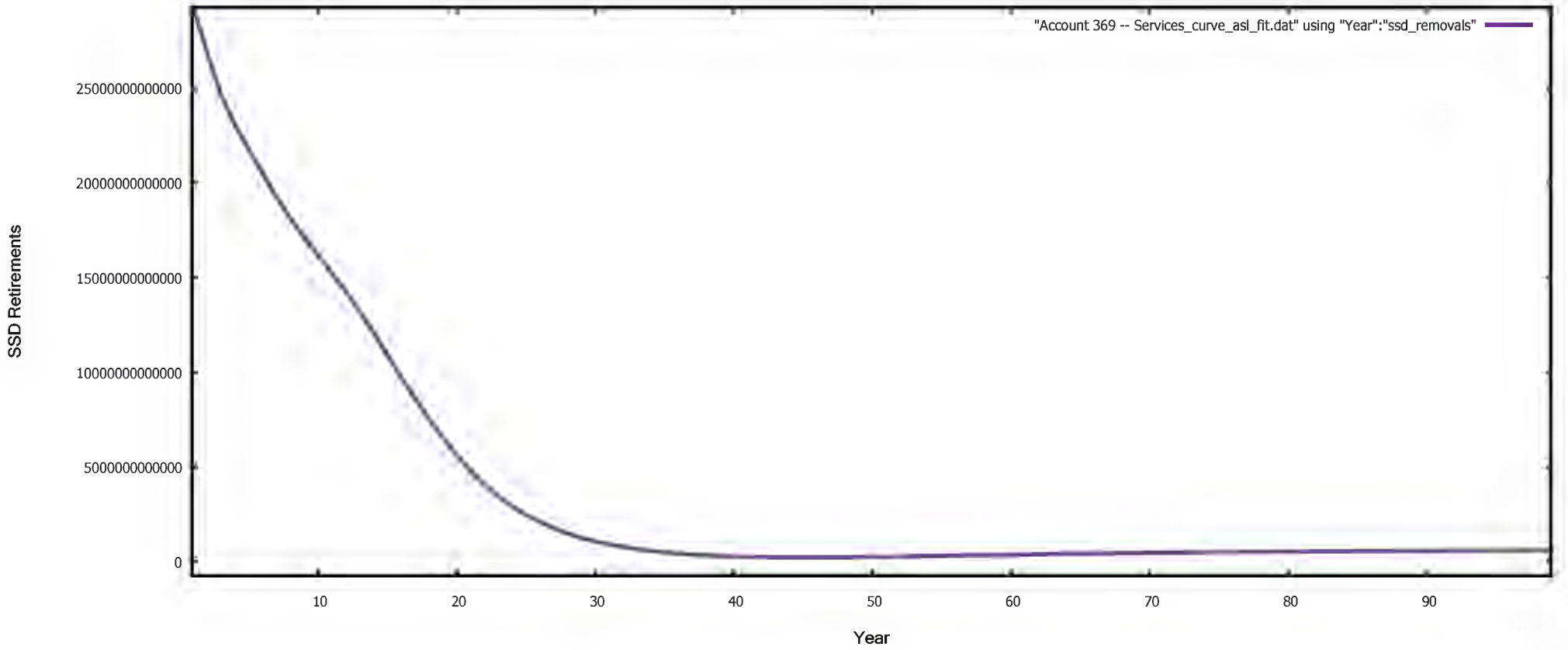
Simulated Balance for Iowa Curve S3 with ASL = 45

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	457251	105514	6336977	27230	7486354	78283	-1149377
1995	725500	104860	6957617	29424	8182430	75436	-1224813
1996	631923	105274	7484266	31801	8782552	73473	-1298286
1997	839005	115982	8207289	34391	9587166	81591	-1379877
1998	750491	115110	8842670	37198	10300459	77912	-1457789
1999	795284	110412	9527542	40261	11055481	70151	-1527940
2000	956217	114250	10369509	43582	11968116	70668	-1598607
2001	923131	120762	11171879	47194	12844054	73568	-1672175
2002	1150495	115515	12206858	51111	13943439	64405	-1736580
2003	1161014	137928	13229944	55343	15049109	82585	-1819165
2004	1211415	152697	14288662	59927	16200597	92770	-1911935
2005	1394733	169587	15513808	64851	17530478	104736	-2016671
2006	1362837	164327	16712318	70167	18823148	94159	-2110830
2007	1533141	152489	18092970	75853	20280436	76636	-2187466
2008	1272458	170416	19195012	81958	21470936	88458	-2275924
2009	838160	137835	19895336	88480	22220615	49355	-2325279
2010	971033	148935	20717435	95434	23096215	53501	-2378779
2011	908274	126406	21499303	102869	23901619	23537	-2402316
2012	966136	175082	22290357	110756	24756999	64326	-2466642
2013	1108069	188406	23210020	119185	25745884	69222	-2535864
2014	1118668	145807	24182881	128127	26736425	17680	-2553544
2015	1170938	122914	25230905	137650	27769713	-14736	-2538808
2016	1288952	104494	26415362	147797	28910868	-43303	-2495505
2017	1183800	102282	27496880	158567	29936100	-56285	-2439220
2018	1128434	98016	28527298	170082	30894452	-72066	-2367154
2019	1228554	92895	29662957	182302	31940704	-89408	-2277747
2020	1416441	95161	30984238	195355	33161790	-100194	-2177552
2021	1789581	154756	32619063	209251	34742121	-54495	-2123058
2022	1549068	160065	34008066	224042	34518079	-63976	-510013
2023	775363	118253	34665176	239819	35827329	-121566	-1162153

Account No. 369 -- Services
Iowa Curve: S3 ASL: 45 Years



South Kentucky RECC
Account No. 369 Services
Sum of Squared Differences (SSD) for S3



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 369 -- Services

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1938	-	5,928	-	-	-	5,928
1939	5,928	11,856	-	-	-	17,783
1940	17,783	17,783	-	-	-	35,567
1941	35,567	2,621	3	-	-	38,185
1942	38,185	22,929	55	-	-	61,059
1943	61,059	2,704	238	-	-	63,526
1944	63,526	3,481	118	-	-	66,888
1945	66,888	4,031	66	-	-	70,854
1946	70,854	4,158	155	-	-	74,857
1947	74,857	2,644	-	-	-	77,500
1948	77,500	19,689	-	-	-	97,189
1949	97,189	61,267	3,205	-	-	155,251
1950	155,251	109,303	5,264	-	-	259,290
1951	259,290	33,757	3,665	-	-	289,382
1952	289,382	27,837	1,176	-	-	316,043
1953	316,043	27,837	1,176	-	-	342,703
1954	342,703	27,837	1,176	-	-	369,364
1955	369,364	27,837	1,176	-	-	396,024
1956	396,024	17,053	5,098	-	-	407,980
1957	407,980	27,857	11,446	-	-	424,391
1958	424,391	35,106	11,462	-	-	448,035
1959	448,035	36,588	15,531	-	-	469,092
1960	469,092	39,997	17,596	-	-	491,493
1961	491,493	29,169	369	-	-	520,293
1962	520,293	30,233	-	-	-	550,527
1963	550,527	34,837	33	-	-	585,331
1964	585,331	65,830	537	-	-	650,624
1965	650,624	46,346	2,337	-	-	694,633
1966	694,633	45,078	2,672	-	-	737,039
1967	737,039	47,839	2,303	-	-	782,575
1968	782,575	48,258	1,988	-	-	828,845
1969	828,845	58,808	2,101	-	-	885,552
1970	885,552	95,563	2,432	-	-	978,683
1971	978,683	129,129	4,190	-	-	1,103,621
1972	1,103,621	163,620	9,001	-	-	1,258,240
1973	1,258,240	196,126	5,300	-	-	1,449,066
1974	1,449,066	226,844	6,612	-	-	1,669,299
1975	1,669,299	234,590	4,000	-	-	1,899,889
1976	1,899,889	235,118	10,746	-	-	2,124,260
1977	2,124,260	296,311	30,963	-	-	2,389,608
1978	2,389,608	231,682	32,775	-	-	2,588,514
1979	2,588,514	200,593	35,147	-	-	2,753,960
1980	2,753,960	177,948	38,796	-	-	2,893,112
1981	2,893,112	226,670	57,401	-	-	3,062,381
1982	3,062,381	212,778	69,584	-	-	3,205,575
1983	3,205,575	262,368	83,269	-	-	3,384,675
1984	3,384,675	270,014	60,955	-	-	3,593,734
1985	3,593,734	267,741	62,160	-	-	3,799,315
1986	3,799,315	282,870	72,945	-	-	4,009,241

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 369 -- Services

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1987	4,009,241	289,519	80,097	-	-	4,218,663
1988	4,218,663	321,537	84,279	-	-	4,455,921
1989	4,455,921	371,553	85,995	-	-	4,741,479
1990	4,741,479	371,778	95,199	-	-	5,018,058
1991	5,018,058	402,343	89,785	-	-	5,330,616
1992	5,330,616	458,237	108,954	-	-	5,679,899
1993	5,679,899	407,414	102,074	-	-	5,985,239
1994	5,985,239	457,251	105,514	-	-	6,336,977
1995	6,336,977	725,500	104,860	-	-	6,957,617
1996	6,957,617	631,923	105,274	-	-	7,484,266
1997	7,484,266	839,005	115,982	-	-	8,207,289
1998	8,207,289	750,491	115,110	-	-	8,842,670
1999	8,842,670	795,284	110,412	-	-	9,527,542
2000	9,527,542	956,217	114,250	-	-	10,369,509
2001	10,369,509	923,131	120,762	-	-	11,171,879
2002	11,171,879	1,150,495	115,515	-	-	12,206,858
2003	12,206,858	1,161,014	137,928	-	-	13,229,944
2004	13,229,944	1,211,415	152,697	-	-	14,288,662
2005	14,288,662	1,394,733	169,587	-	-	15,513,808
2006	15,513,808	1,362,837	164,327	-	-	16,712,318
2007	16,712,318	1,533,141	152,489	-	-	18,092,970
2008	18,092,970	1,272,458	170,416	-	-	19,195,012
2009	19,195,012	838,160	137,835	-	-	19,895,336
2010	19,895,336	971,033	148,935	-	-	20,717,435
2011	20,717,435	908,274	126,406	-	-	21,499,303
2012	21,499,303	966,136	175,082	-	-	22,290,357
2013	22,290,357	1,108,069	188,406	-	-	23,210,020
2014	23,210,020	1,118,668	145,807	-	-	24,182,881
2015	24,182,881	1,170,938	122,914	-	-	25,230,905
2016	25,230,905	1,288,952	104,494	-	-	26,415,363
2017	26,415,363	1,183,800	102,282	-	-	27,496,880
2018	27,496,880	1,128,434	98,016	-	-	28,527,298
2019	28,527,298	1,228,554	92,895	-	-	29,662,957
2020	29,662,957	1,416,441	95,161	-	-	30,984,238
2021	30,984,238	1,789,581	154,756	-	-	32,619,063
2022	32,619,063	1,549,068	160,065	-	-	34,008,066
2023	34,008,066	775,363	118,253	-	-	34,665,176

South Kentucky Rural Electric Cooperative Corp
Annual Retirements and Net Salvage

Acct 369
Services

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	26,415,363	104,494	0.4%	320	78,805	(78,486)	-75.1%
2017	27,496,881	102,282	0.4%	855	59,048	(58,192)	-56.9%
2018	28,527,298	98,016	0.3%	693	74,922	(74,228)	-75.7%
2019	29,662,957	92,895	0.3%	247	64,694	(64,447)	-69.4%
2020	30,984,238	95,161	0.3%	94	69,114	(69,020)	-72.5%
2021	32,619,063	154,756	0.5%	7,003	84,395	(77,392)	-50.0%
2022	34,008,066	160,065	0.5%	1,568	96,676	(95,108)	-59.4%
2023	34,665,176	118,253	0.3%	575	101,208	(100,633)	-85.1%
Total	34,665,176	492,848	1.4%	2,209	346,582	(344,373)	-69.9%
						Five Year Average Net Salvage	-65.5%
						Recommend Net Salvage	-54.0%

Account 370 – Meters

South Kentucky RECC
 Account 370 -- Meters

Simulated Balance for Iowa Curve S6 with ASL = 13

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0
1960	320241	0	320241	0	320241	0	0
1961	16029	1934	334337	0	336270	1934	-1934
1962	24040	5032	353344	0	360310	5032	-6966
1963	13195	7955	358584	0	373505	7955	-14921
1964	28978	2404	385157	0	402483	2404	-17325
1965	24797	2881	407073	0	427279	2881	-20206

South Kentucky RECC
 Account 370 -- Meters

Simulated Balance for Iowa Curve S6 with ASL = 13

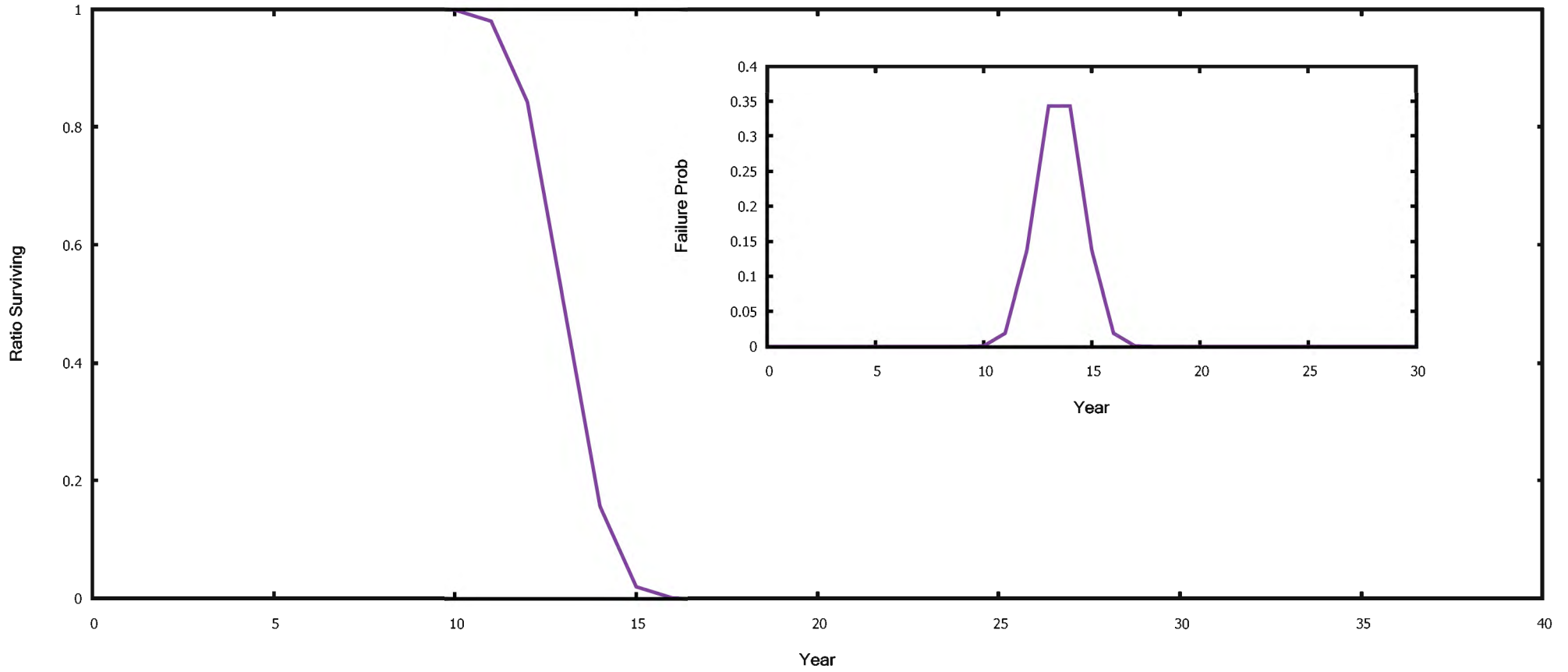
Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	25277	2763	429587	0	452556	2763	-22969
1967	38013	14730	452870	0	490569	14730	-37699
1968	39646	4835	487682	0	530216	4835	-42534
1969	30403	7014	511070	4	560615	7010	-49544
1970	48241	4877	554435	286	608570	4591	-54135
1971	45399	8287	591546	6148	647821	2140	-56275
1972	58152	5159	644540	44115	661858	-38956	-17319
1973	71989	4002	712527	112575	621272	-108573	91255
1974	62241	9620	765148	118979	564535	-109358	200613
1975	75362	18835	821674	59920	579976	-41085	241698
1976	62102	13389	870388	25564	616514	-12175	253874
1977	124389	14886	979891	22263	718641	-7377	261251
1978	120720	8623	1091989	24959	814402	-16336	277587
1979	76851	16023	1152817	27407	863846	-11384	288971
1980	188285	46867	1294235	31726	1020405	15141	273830
1981	96991	79116	1312110	35733	1081663	43383	230447
1982	33698	36478	1309329	37264	1078096	-786	231233
1983	58507	15160	1352676	40550	1096053	-25390	256622
1984	51706	509	1403873	46475	1101284	-45967	302589
1985	109849	1106	1512617	53857	1157276	-52752	355341
1986	88637	625	1600629	61836	1184077	-61211	416552
1987	85751	902	1685478	66540	1203289	-65637	482189
1988	133326	1595	1817209	69207	1267407	-67612	549802
1989	103339	156	1920392	76511	1294235	-76355	626157
1990	149215	130	2069477	93715	1349735	-93585	719742
1991	91865	3965	2157378	108317	1333284	-104352	824094
1992	116483	183471	2090390	113707	1336060	69764	754329
1993	155720	27273	2218837	123903	1367877	-96630	850959

South Kentucky RECC
 Account 370 -- Meters

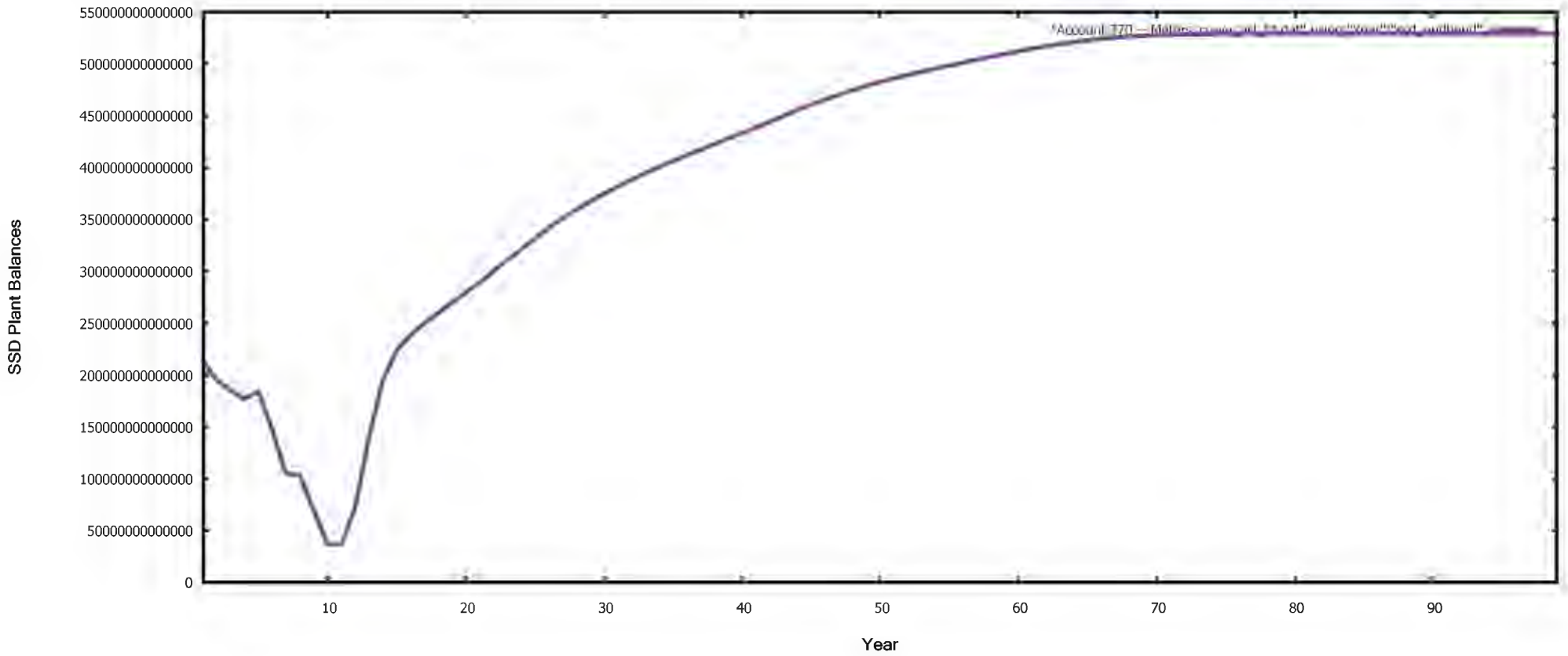
Simulated Balance for Iowa Curve S6 with ASL = 13

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	150180	46499	2322518	116618	1401440	-70119	921078
1995	162665	48412	2436771	81268	1482836	-32857	953935
1996	156873	53848	2539796	57837	1581871	-3989	957924
1997	237558	55989	2721365	61256	1758174	-5267	963191
1998	288933	47285	2963013	78064	1969043	-30779	993970
1999	243151	59851	3146312	90717	2121477	-30866	1024836
2000	251145	93388	3304070	96258	2276363	-2871	1027706
2001	227609	68573	3463106	106531	2397442	-37957	1065664
2002	201112	92927	3571291	117015	2481539	-24088	1089752
2003	237194	55070	3753415	121565	2597169	-66495	1156247
2004	206923	103765	3856573	118548	2685544	-14783	1171029
2005	230083	63309	4023346	118324	2797302	-55015	1226044
2006	237101	87156	4173291	132728	2901674	-45573	1271617
2007	354435	132399	4395328	148271	3107839	-15872	1287489
2008	408904	200631	4603602	157238	3359505	43392	1244097
2009	180356	236149	4547809	171526	3368335	64623	1179474
2010	3843441	554208	7837043	205021	7006755	349186	830288
2011	5940985	1237013	12541015	243661	12704080	993352	-163064
2012	-1193868	2223102	9124045	257132	11253080	1965971	-2129035
2013	386660	78524	9432181	249033	11390707	-170509	-1958526
2014	154038	86520	9499698	235537	11309207	-149017	-1809509
2015	165242	82115	9582825	223002	11251447	-140887	-1668622
2016	355762	44471	9894116	219499	11387710	-175028	-1493594
2017	419781	101207	10212690	220833	11586658	-119625	-1373969
2018	701880	35725	10878844	226050	12062488	-190324	-1183644
2019	765943	223537	11421250	249861	12578570	-26325	-1157320
2020	672572	92545	12001277	301527	12949616	-208982	-948338
2021	765352	129244	12637385	402558	13312409	-273314	-675024
2022	1518123	119101	14036408	893681	12418728	-774581	1617680
2023	1180948	134548	15082809	2233730	11703121	-2099182	3379688

Account No. 370 -- Meters
Iowa Curve: S6 ASL: 13 Years



South Kentucky RECC
Account No. 370 Meters
Sum of Squared Differences (SSD) for S6



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 370 -- Meters

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	-	-	-	-	-	-
1944	-	-	-	-	-	-
1945	-	-	-	-	-	-
1946	-	-	-	-	-	-
1947	-	-	-	-	-	-
1948	-	-	-	-	-	-
1949	-	-	-	-	-	-
1950	-	-	-	-	-	-
1951	-	-	-	-	-	-
1952	-	-	-	-	-	-
1953	-	-	-	-	-	-
1954	-	-	-	-	-	-
1955	-	-	-	-	-	-
1956	-	-	-	-	-	-
1957	-	-	-	-	-	-
1958	-	-	-	-	-	-
1959	-	-	-	-	-	-
1960	-	320,241	-	-	-	320,241
1961	320,241	16,029	1,934	-	-	334,337
1962	334,337	24,040	5,032	-	-	353,344
1963	353,344	13,195	7,955	-	-	358,584
1964	358,584	28,978	2,404	-	-	385,157
1965	385,157	24,797	2,881	-	-	407,073
1966	407,073	25,277	2,763	-	-	429,587
1967	429,587	38,013	14,730	-	-	452,870
1968	452,870	39,646	4,835	-	-	487,682
1969	487,682	30,403	7,014	-	-	511,070
1970	511,070	48,241	4,877	-	-	554,435
1971	554,435	45,399	8,287	-	-	591,546
1972	591,546	58,152	5,159	-	-	644,540
1973	644,540	71,989	4,002	-	-	712,527
1974	712,527	62,241	9,620	-	-	765,148
1975	765,148	75,362	18,835	-	-	821,674
1976	821,674	62,102	13,389	-	-	870,388
1977	870,388	124,389	14,886	-	-	979,891
1978	979,891	120,720	8,623	-	-	1,091,989
1979	1,091,989	76,851	16,023	-	-	1,152,817
1980	1,152,817	188,285	46,867	-	-	1,294,235
1981	1,294,235	96,991	79,116	-	-	1,312,110

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 370 -- Meters

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1982	1,312,110	33,698	36,478	-	-	1,309,329
1983	1,309,329	58,507	15,160	-	-	1,352,676
1984	1,352,676	51,706	509	-	-	1,403,873
1985	1,403,873	109,849	1,106	-	-	1,512,617
1986	1,512,617	88,637	625	-	-	1,600,629
1987	1,600,629	85,751	902	-	-	1,685,478
1988	1,685,478	133,326	1,595	-	-	1,817,209
1989	1,817,209	103,339	156	-	-	1,920,392
1990	1,920,392	149,215	130	-	-	2,069,477
1991	2,069,477	91,865	3,965	-	-	2,157,378
1992	2,157,378	116,483	183,471	-	-	2,090,390
1993	2,090,390	155,720	27,273	-	-	2,218,837
1994	2,218,837	150,180	46,499	-	-	2,322,518
1995	2,322,518	162,665	48,412	-	-	2,436,771
1996	2,436,771	156,873	53,848	-	-	2,539,796
1997	2,539,796	237,558	55,989	-	-	2,721,365
1998	2,721,365	288,933	47,285	-	-	2,963,013
1999	2,963,013	243,151	59,851	-	-	3,146,312
2000	3,146,312	251,145	93,388	-	-	3,304,070
2001	3,304,070	227,609	68,573	-	-	3,463,106
2002	3,463,106	201,112	92,927	-	-	3,571,291
2003	3,571,291	237,194	55,070	-	-	3,753,415
2004	3,753,415	206,923	103,765	-	-	3,856,573
2005	3,856,573	230,083	63,309	-	-	4,023,346
2006	4,023,346	237,101	87,156	-	-	4,173,291
2007	4,173,291	354,435	132,399	-	-	4,395,328
2008	4,395,328	408,904	200,631	-	-	4,603,602
2009	4,603,602	180,356	236,149	-	-	4,547,809
2010	4,547,809	3,843,441	554,208	-	-	7,837,043
2011	7,837,043	5,940,985	1,237,013	-	-	12,541,015
2012	12,541,015	(1,193,868)	2,223,102	-	-	9,124,045
2013	9,124,045	386,660	78,524	-	-	9,432,181
2014	9,432,181	154,038	86,520	-	-	9,499,698
2015	9,499,698	165,242	82,115	-	-	9,582,825
2016	9,582,825	355,762	44,471	-	-	9,894,116
2017	9,894,116	419,781	101,207	-	-	10,212,690
2018	10,212,690	701,880	35,725	-	-	10,878,844
2019	10,878,844	765,943	223,537	-	-	11,421,250
2020	11,421,250	672,572	92,545	-	-	12,001,277
2021	12,001,277	765,352	129,244	-	-	12,637,385
2022	12,637,385	1,518,123	119,101	-	-	14,036,408
2023	14,036,408	1,180,948	134,548	-	-	15,082,809

Account 371 – Installations on Customer Premises

South Kentucky RECC
 Account 371 -- Installations on Customer Premises

Simulated Balance for Iowa Curve S0 with ASL = 18

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0
1958	2184	609	1575	0	2184	609	-609
1959	1537	0	3112	9	3712	-9	-599
1960	18716	209	21620	28	22400	181	-780
1961	0	0	21620	124	22277	-124	-657
1962	53187	0	74807	243	75221	-243	-414
1963	35402	268	109940	557	110066	-289	-125
1964	38359	0	148300	1080	147345	-1080	955
1965	29633	887	177046	1733	175245	-846	1801

South Kentucky RECC
 Account 371 -- Installations on Customer Premises

Simulated Balance for Iowa Curve S0 with ASL = 18

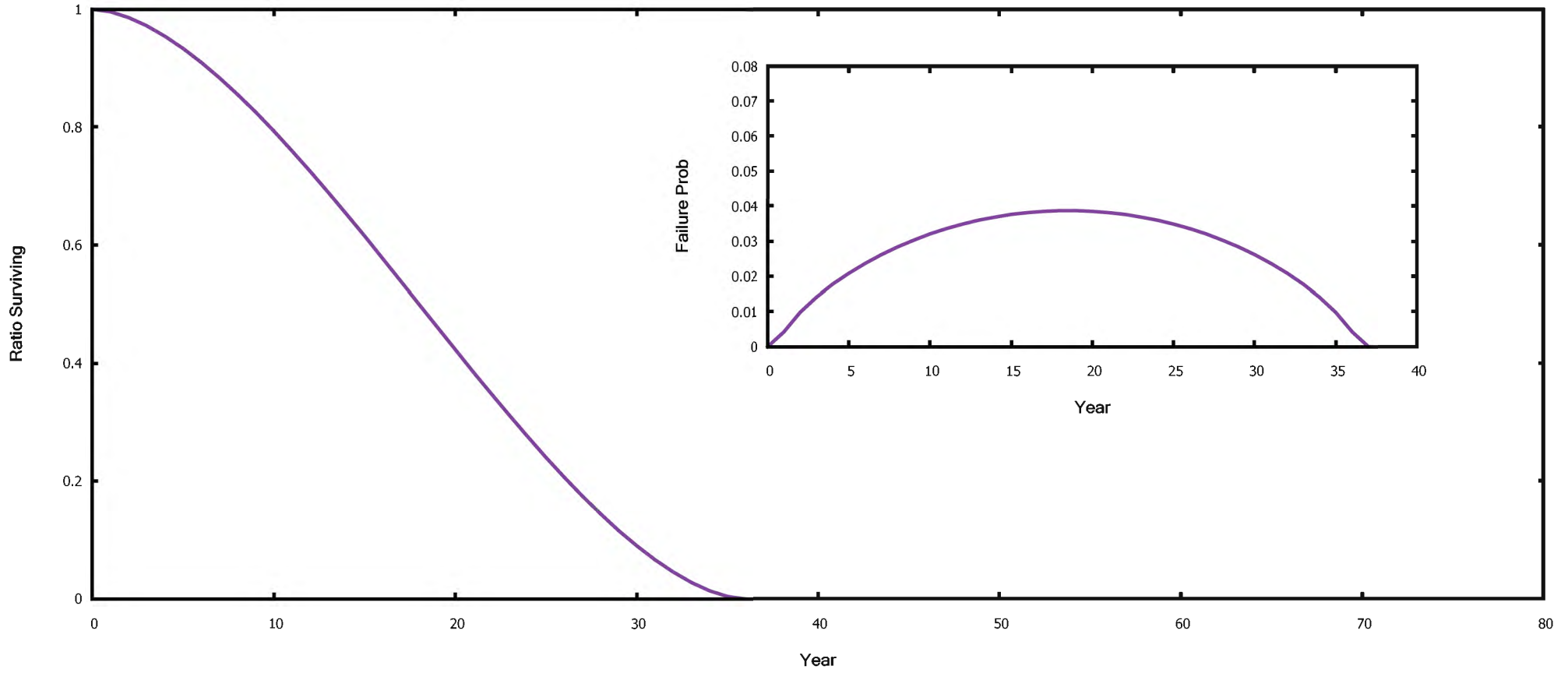
Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	48901	2124	223823	2475	221672	-350	2151
1967	50802	2606	272019	3358	269116	-752	2903
1968	62690	3419	331291	4416	327390	-998	3901
1969	70182	2663	398810	5672	391901	-3009	6910
1970	68404	4689	462525	7152	453153	-2462	9372
1971	78037	7290	533272	8827	522363	-1537	10909
1972	91171	9009	615434	10705	602829	-1696	12605
1973	115157	7189	723402	12834	705152	-5645	18249
1974	108488	14777	817112	15301	798339	-524	18773
1975	88968	13276	892805	18072	869236	-4796	23569
1976	98193	11412	979586	20996	946433	-9584	33153
1977	106808	16102	1070292	24055	1029186	-7953	41107
1978	51854	25649	1096497	27295	1053744	-1646	42753
1979	52013	23621	1124889	30473	1075284	-6852	49605
1980	52843	28562	1149171	33480	1094647	-4918	54523
1981	48631	27817	1169984	36367	1106911	-8550	63073
1982	63978	34581	1199381	39129	1131760	-4549	67622
1983	52632	30821	1221192	41827	1142565	-11006	78627
1984	50770	28373	1243589	44438	1148896	-16065	94693
1985	46285	25823	1264052	46917	1148264	-21095	115787
1986	60158	19977	1304233	49244	1159178	-29268	145055
1987	59285	23014	1340504	51468	1166994	-28455	173510
1988	63914	25870	1378548	53605	1177303	-27735	201245
1989	72455	23634	1427370	55648	1194110	-32014	233259
1990	87234	24445	1490159	57626	1223718	-33181	266441
1991	116754	26088	1580825	59592	1280881	-33503	299944
1992	126386	19960	1687251	61658	1345608	-41699	341643
1993	175392	24027	1838616	63864	1457136	-39837	381480

South Kentucky RECC
 Account 371 -- Installations on Customer Premises

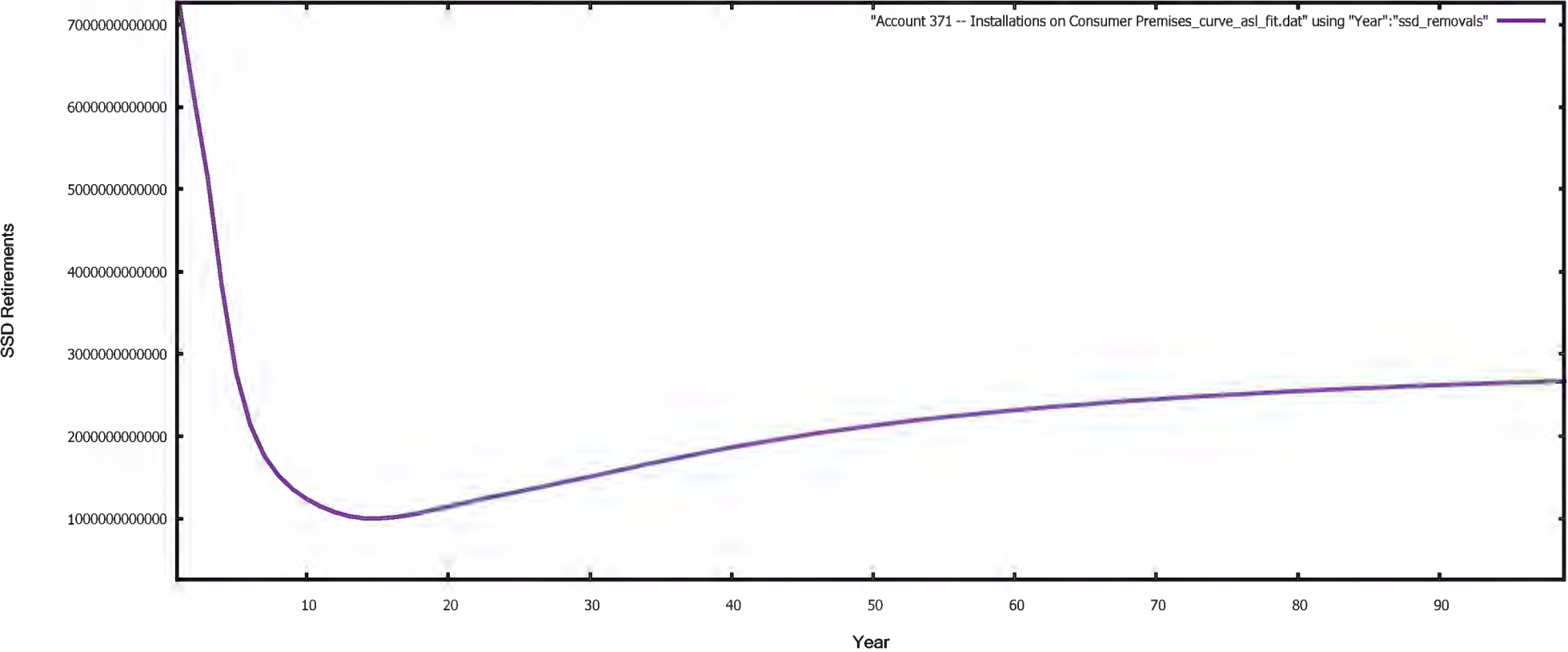
Simulated Balance for Iowa Curve S0 with ASL = 18

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	212727	34269	2017073	66352	1603512	-32082	413562
1995	266386	33264	2250196	69284	1800613	-36020	449582
1996	240893	29610	2461479	72818	1968689	-43208	492790
1997	362520	37486	2786513	76830	2254379	-39344	532134
1998	267553	36449	3017617	81635	2440297	-45186	577320
1999	220119	28933	3208802	86961	2573455	-58027	635347
2000	256650	30530	3434922	92449	2737656	-61919	697266
2001	346852	50849	3730925	98107	2986402	-47258	744524
2002	319486	150775	3899636	104351	3201536	46423	698100
2003	326641	60938	4165339	111109	3417068	-50171	748271
2004	393848	49608	4509579	118271	3692644	-68663	816935
2005	338158	62214	4785523	126079	3904722	-63866	880800
2006	302177	128834	4958866	134376	4072524	-5542	886343
2007	467072	171431	5254508	142796	4396799	28634	857708
2008	353124	107357	5500275	151942	4597982	-44585	902293
2009	547204	88410	5959070	161610	4983576	-73200	975493
2010	311319	74389	6195999	172326	5122569	-97936	1073430
2011	343677	86297	6453380	183507	5282740	-97210	1170640
2012	356757	95893	6714244	194617	5444880	-98725	1269365
2013	345246	100543	6958947	205847	5584279	-105304	1374668
2014	366014	143674	7181287	217254	5733038	-73580	1448249
2015	410144	80808	7510624	228815	5914368	-148007	1596256
2016	839117	304195	8045546	240474	6513011	63721	1532534
2017	1950646	860920	9135272	254017	8209641	606903	925631
2018	1512078	640148	10007201	274549	9447169	365600	560032
2019	1508066	578186	10937081	301143	10654093	277044	282988
2020	1398987	577020	11759048	331407	11721673	245613	37375
2021	1427977	828934	12358091	364414	12785236	464520	-427144
2022	1366322	442513	13281900	399641	12385595	42872	896305
2023	499725	137800	13643825	436590	13315327	-298790	328498

Account No. 371 -- Installations on Consumer Premises
lowa Curve: S0 ASL: 18 Years



South Kentucky RECC
Account No. 371 Installations on Consumers Premises
Sum of Squared Differences (SSD) for S0



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 371 -- Installations on Customer Premises

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1938	-	-	-	-	-	-
1939	-	-	-	-	-	-
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	-	-	-	-	-	-
1944	-	-	-	-	-	-
1945	-	-	-	-	-	-
1946	-	-	-	-	-	-
1947	-	-	-	-	-	-
1948	-	-	-	-	-	-
1949	-	-	-	-	-	-
1950	-	-	-	-	-	-
1951	-	-	-	-	-	-
1952	-	-	-	-	-	-
1953	-	-	-	-	-	-
1954	-	-	-	-	-	-
1955	-	-	-	-	-	-
1956	-	-	-	-	-	-
1957	-	-	-	-	-	-
1958	-	2,184	609	-	-	1,575
1959	1,575	1,537	-	-	-	3,112
1960	3,112	18,716	209	-	-	21,620
1961	21,620	-	-	-	-	21,620
1962	21,620	53,187	-	-	-	74,807
1963	74,807	35,402	268	-	-	109,940
1964	109,940	38,359	-	-	-	148,300
1965	148,300	29,633	887	-	-	177,046
1966	177,046	48,901	2,124	-	-	223,823
1967	223,823	50,802	2,606	-	-	272,019
1968	272,019	62,690	3,419	-	-	331,291
1969	331,291	70,182	2,663	-	-	398,810
1970	398,810	68,404	4,689	-	-	462,525
1971	462,525	78,037	7,290	-	-	533,272
1972	533,272	91,171	9,009	-	-	615,434
1973	615,434	115,157	7,189	-	-	723,402
1974	723,402	108,488	14,777	-	-	817,112
1975	817,112	88,968	13,276	-	-	892,805
1976	892,805	98,193	11,412	-	-	979,586
1977	979,586	106,808	16,102	-	-	1,070,292
1978	1,070,292	51,854	25,649	-	-	1,096,497
1979	1,096,497	52,013	23,621	-	-	1,124,889
1980	1,124,889	52,843	28,562	-	-	1,149,171
1981	1,149,171	48,631	27,817	-	-	1,169,984
1982	1,169,984	63,978	34,581	-	-	1,199,381
1983	1,199,381	52,632	30,821	-	-	1,221,192
1984	1,221,192	50,770	28,373	-	-	1,243,589

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 371 -- Installations on Customer Premises

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1985	1,243,589	46,285	25,823	-	-	1,264,052
1986	1,264,052	60,158	19,977	-	-	1,304,233
1987	1,304,233	59,285	23,014	-	-	1,340,504
1988	1,340,504	63,914	25,870	-	-	1,378,548
1989	1,378,548	72,455	23,634	-	-	1,427,370
1990	1,427,370	87,234	24,445	-	-	1,490,159
1991	1,490,159	116,754	26,088	-	-	1,580,825
1992	1,580,825	126,386	19,960	-	-	1,687,251
1993	1,687,251	175,392	24,027	-	-	1,838,616
1994	1,838,616	212,727	34,269	-	-	2,017,073
1995	2,017,073	266,386	33,264	-	-	2,250,196
1996	2,250,196	240,893	29,610	-	-	2,461,479
1997	2,461,479	362,520	37,486	-	-	2,786,513
1998	2,786,513	267,553	36,449	-	-	3,017,617
1999	3,017,617	220,119	28,933	-	-	3,208,802
2000	3,208,802	256,650	30,530	-	-	3,434,922
2001	3,434,922	346,852	50,849	-	-	3,730,925
2002	3,730,925	319,486	150,775	-	-	3,899,636
2003	3,899,636	326,641	60,938	-	-	4,165,339
2004	4,165,339	393,848	49,608	-	-	4,509,579
2005	4,509,579	338,158	62,214	-	-	4,785,523
2006	4,785,523	302,177	128,834	-	-	4,958,866
2007	4,958,866	467,072	171,431	-	-	5,254,508
2008	5,254,508	353,124	107,357	-	-	5,500,275
2009	5,500,275	547,204	88,410	-	-	5,959,070
2010	5,959,070	311,319	74,389	-	-	6,195,999
2011	6,195,999	343,677	86,297	-	-	6,453,380
2012	6,453,380	356,757	95,893	-	-	6,714,244
2013	6,714,244	345,246	100,543	-	-	6,958,947
2014	6,958,947	366,014	143,674	-	-	7,181,287
2015	7,181,287	410,144	80,808	-	-	7,510,624
2016	7,510,624	839,117	304,195	-	-	8,045,546
2017	8,045,546	1,950,646	860,920	-	-	9,135,272
2018	9,135,272	1,512,078	640,148	-	-	10,007,201
2019	10,007,201	1,508,066	578,186	-	-	10,937,081
2020	10,937,081	1,398,987	577,020	-	-	11,759,049
2021	11,759,049	1,427,977	828,934	-	-	12,358,091
2022	12,358,091	1,366,322	442,513	-	-	13,281,900
2023	13,281,900	499,725	137,800	-	-	13,643,825

South Kentucky Rural Electric Cooperative Corp Annual Retirements and Net Salvage

Acct 371

Instal on Cons Premises

	<u>Plant in Service</u>	<u>Retirements</u>	<u>Retirement Ratio</u>	<u>Gross Salvage</u>	<u>Cost of Removal</u>	<u>Net Salvage</u>	<u>Net Salvage Percent</u>
2016	8,045,546	304,195	3.8%	353	203,243	(202,890)	-66.7%
2017	9,135,272	860,920	9.4%	2,735	440,321	(437,586)	-50.8%
2018	10,007,201	640,148	6.4%	1,720	433,503	(431,783)	-67.5%
2019	10,937,081	578,186	5.3%	583	356,733	(356,150)	-61.6%
2020	11,759,048	577,020	4.9%	217	371,279	(371,062)	-64.3%
2021	12,358,091	828,934	6.7%	14,248	400,490	(386,242)	-46.6%
2022	13,281,900	442,513	3.3%	1,647	236,783	(235,136)	-53.1%
2023	13,643,825	137,800	1.0%	254	104,485	(104,231)	-75.6%
						-	
Total	13,643,825	4,369,717	32.0%	21,757	2,546,837	(2,525,080)	-57.8%
							Five Year Average Net Salvage
							-56.7%
							Recommend Net Salvage
							-15.0%

Account 373 – Street Lighting

South Kentucky RECC
 Account 373 -- Street Lighting and Signal Systems

Simulated Balance for Iowa Curve O3 with ASL = 18

Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1938	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0
1960	7186	0	7186	0	7186	0	0
1961	27165	7186	27165	330	34021	6856	-6856
1962	0	0	27165	1574	32447	-1574	-5282
1963	0	0	27165	1558	30888	-1558	-3724
1964	0	0	27165	1538	29350	-1538	-2185
1965	0	0	27165	1523	27827	-1523	-663

South Kentucky RECC
 Account 373 -- Street Lighting and Signal Systems

Simulated Balance for Iowa Curve O3 with ASL = 18

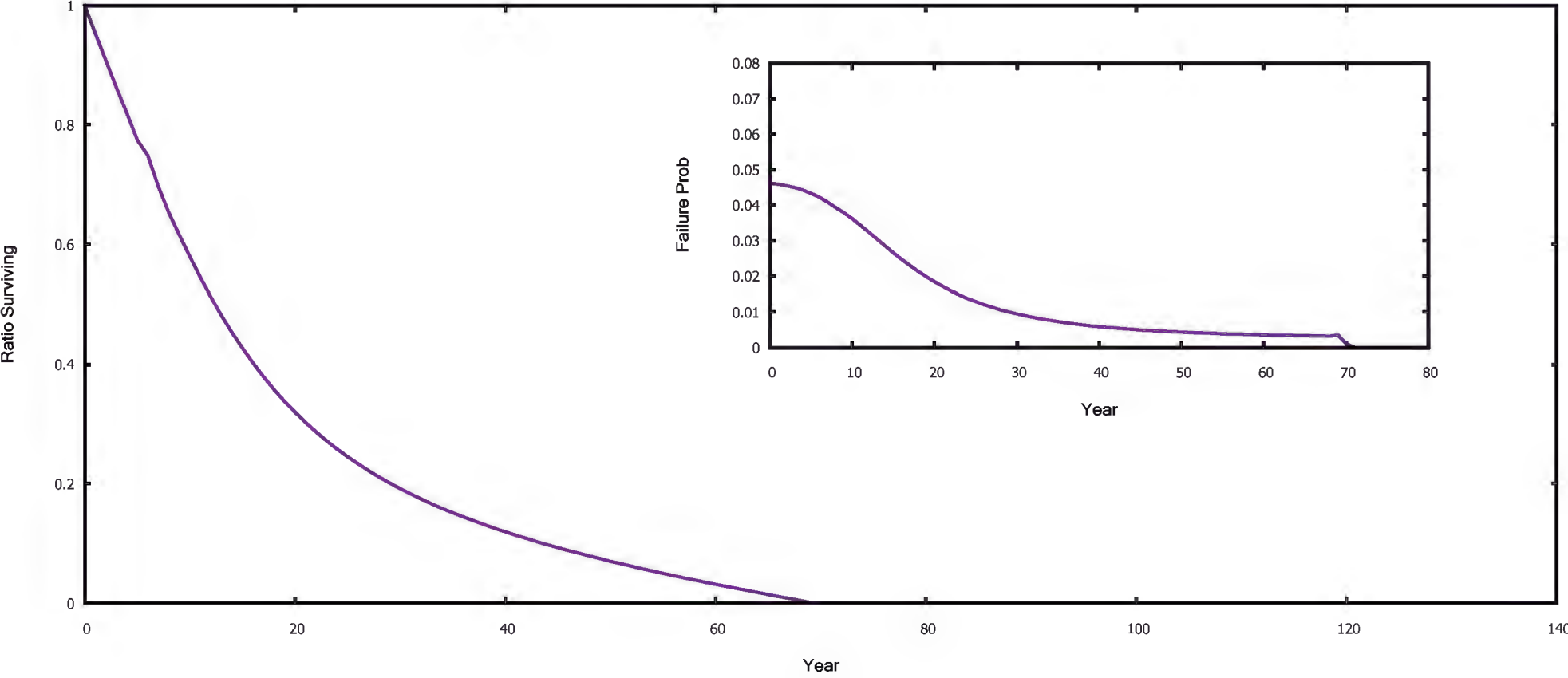
Year	Additions	Actual Retirements	Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1966	0	0	27165	1399	26429	-1399	736
1967	0	0	27165	1072	25357	-1072	1808
1968	0	0	27165	1736	23621	-1736	3544
1969	0	0	27165	1457	22164	-1457	5000
1970	0	0	27165	1288	20876	-1288	6288
1971	0	0	27165	1230	19646	-1230	7518
1972	0	0	27165	1165	18481	-1165	8683
1973	0	0	27165	1099	17383	-1099	9782
1974	0	0	27165	1031	16351	-1031	10813
1975	0	0	27165	964	15387	-964	11778
1976	0	0	27165	899	14488	-899	12677
1977	0	0	27165	837	13651	-837	13514
1978	0	0	27165	778	12873	-778	14291
1979	0	0	27165	722	12151	-722	15014
1980	0	0	27165	670	11481	-670	15684
1981	0	0	27165	622	10858	-622	16306
1982	0	0	27165	578	10280	-578	16885
1983	0	0	27165	538	9742	-538	17422
1984	0	0	27165	501	9241	-501	17924
1985	4211	0	31376	467	12985	-467	18391
1986	0	0	31376	630	12355	-630	19021
1987	4076	0	35452	601	15831	-601	19622
1988	4958	2382	38029	760	20029	1622	18000
1989	18002	2593	53437	960	37071	1633	16367
1990	6802	1932	58307	1763	42110	169	16198
1991	7809	607	65510	1963	47956	-1356	17553
1992	955	2590	63874	2402	46510	188	17365
1993	4085	1506	66453	2298	48296	-792	18156

South Kentucky RECC
 Account 373 -- Street Lighting and Signal Systems

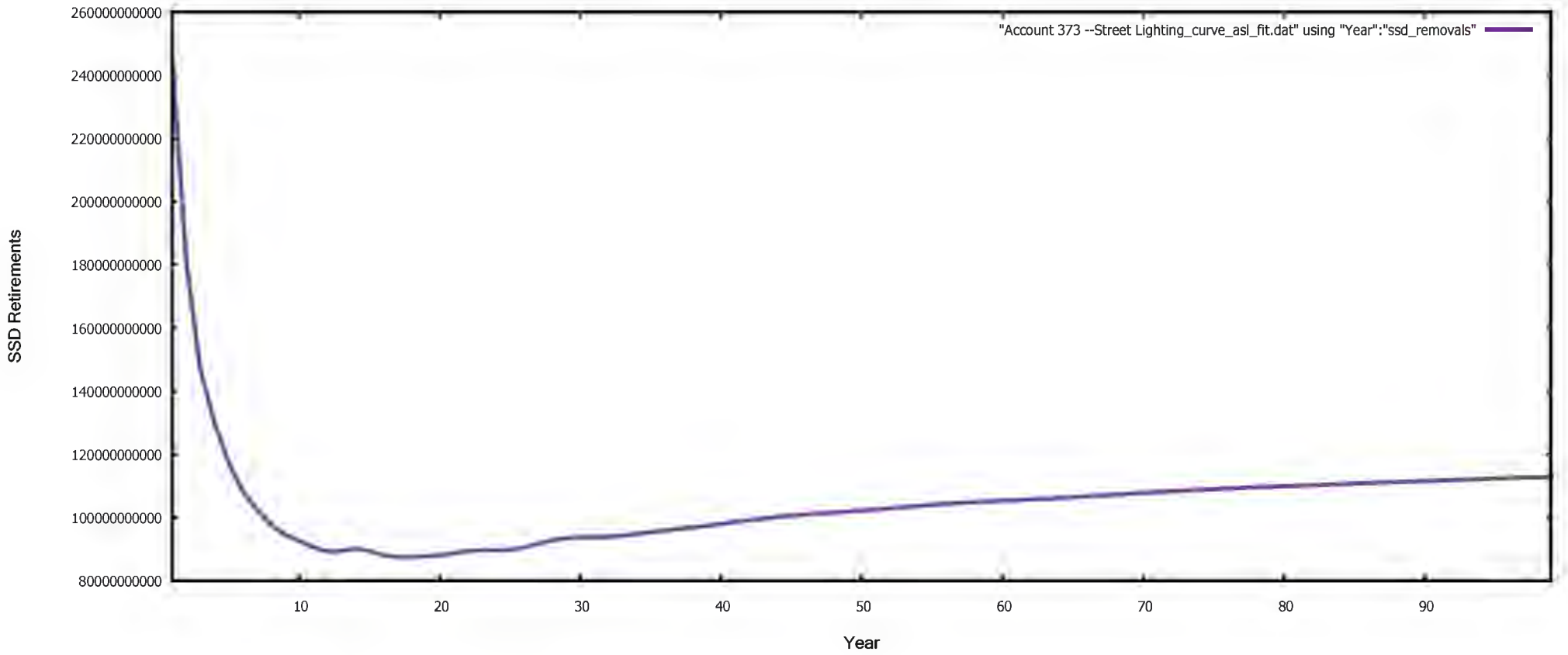
Simulated Balance for Iowa Curve O3 with ASL = 18

Year	Additions	Actual Retirements	Actual Balance	Simulated Retirements	Sim Balance	Difference in Retirements	Difference in Plant Balance
1994	11042	1710	75785	2460	56878	-750	18906
1995	5442	1055	80172	2696	59625	-1640	20547
1996	3807	1722	82257	3207	60225	-1485	22032
1997	58633	2502	138388	3191	115668	-689	22720
1998	20195	5270	153313	5865	129997	-595	23316
1999	9753	867	162199	6543	133208	-5675	28991
2000	6193	519	167873	6715	132685	-6197	35188
2001	15963	2268	181568	7001	141647	-4733	39921
2002	26207	1238	206537	7596	160258	-6359	46280
2003	13359	8064	211832	7560	166057	504	45775
2004	78370	4752	285450	9152	235274	-4400	50175
2005	67761	11482	341729	12413	290623	-931	51106
2006	70199	12053	399875	14968	345854	-2915	54021
2007	162340	3638	558576	17556	490637	-13918	67939
2008	54893	13878	599592	24443	521088	-10565	78504
2009	53162	8642	644111	26832	547418	-18190	96694
2010	15619	21145	638585	27389	535647	-6244	102937
2011	37252	8361	667476	28193	544707	-19832	122769
2012	28203	16433	679246	29266	543645	-12832	135601
2013	18220	10383	687084	27890	533975	-17507	153109
2014	67663	17488	737259	30510	571129	-13022	166130
2015	44414	14426	767247	31599	583943	-17174	183304
2016	67405	39804	794848	32583	618765	7220	176084
2017	392907	264119	923636	33554	978117	230565	-54481
2018	134614	-68741	1126990	50410	1062321	-119151	64669
2019	137116	59705	1204402	55186	1144251	4519	60151
2020	58928	24837	1238493	58705	1144474	-33869	94020
2021	134721	138310	1234904	60430	1218764	77880	16140
2022	181255	160730	1255430	64562	1154202	96168	101228
2023	101774	28889	1328315	65044	1270413	-36155	57902

Account No. 373 -- Street Lighting
Iowa Curve: O3 ASL: 18 Years



South Kentucky RECC
Account No. 373 Street Lighting
Sum of Squared Differences (SSD) for O3



SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 373 -- Street Lighting and Signal Systems

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1938	-	-	-	-	-	-
1939	-	-	-	-	-	-
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	-	-	-	-	-	-
1944	-	-	-	-	-	-
1945	-	-	-	-	-	-
1946	-	-	-	-	-	-
1947	-	-	-	-	-	-
1948	-	-	-	-	-	-
1949	-	-	-	-	-	-
1950	-	-	-	-	-	-
1951	-	-	-	-	-	-
1952	-	-	-	-	-	-
1953	-	-	-	-	-	-
1954	-	-	-	-	-	-
1955	-	-	-	-	-	-
1956	-	-	-	-	-	-
1957	-	-	-	-	-	-
1958	-	-	-	-	-	-
1959	-	-	-	-	-	-
1960	-	7,186	-	-	-	7,186
1961	7,186	27,165	7,186	-	-	27,165
1962	27,165	-	-	-	-	27,165
1963	27,165	-	-	-	-	27,165
1964	27,165	-	-	-	-	27,165
1965	27,165	-	-	-	-	27,165
1966	27,165	-	-	-	-	27,165
1967	27,165	-	-	-	-	27,165
1968	27,165	-	-	-	-	27,165
1969	27,165	-	-	-	-	27,165
1970	27,165	-	-	-	-	27,165
1971	27,165	-	-	-	-	27,165
1972	27,165	-	-	-	-	27,165
1973	27,165	-	-	-	-	27,165
1974	27,165	-	-	-	-	27,165
1975	27,165	-	-	-	-	27,165
1976	27,165	-	-	-	-	27,165
1977	27,165	-	-	-	-	27,165
1978	27,165	-	-	-	-	27,165
1979	27,165	-	-	-	-	27,165
1980	27,165	-	-	-	-	27,165
1981	27,165	-	-	-	-	27,165
1982	27,165	-	-	-	-	27,165
1983	27,165	-	-	-	-	27,165

SOUTH KENTUCKY RECC
ACCOUNT INVESTMENT SUMMARY

Account 373 -- Street Lighting and Signal Systems

	<u>Beg of Year</u>	<u>Additions</u>	<u>Retirements</u>	<u>Debit</u>	<u>Credit</u>	<u>End of Year</u>
1984	27,165	-	-	-	-	27,165
1985	27,165	4,211	-	-	-	31,376
1986	31,376	-	-	-	-	31,376
1987	31,376	4,076	-	-	-	35,452
1988	35,452	4,958	2,382	-	-	38,029
1989	38,029	18,002	2,593	-	-	53,437
1990	53,437	6,802	1,932	-	-	58,307
1991	58,307	7,809	607	-	-	65,510
1992	65,510	955	2,590	-	-	63,874
1993	63,874	4,085	1,506	-	-	66,453
1994	66,453	11,042	1,710	-	-	75,785
1995	75,785	5,442	1,055	-	-	80,172
1996	80,172	3,807	1,722	-	-	82,257
1997	82,257	58,633	2,502	-	-	138,388
1998	138,388	20,195	5,270	-	-	153,313
1999	153,313	9,753	867	-	-	162,199
2000	162,199	6,193	519	-	-	167,873
2001	167,873	15,963	2,268	-	-	181,568
2002	181,568	26,207	1,238	-	-	206,537
2003	206,537	13,359	8,064	-	-	211,832
2004	211,832	78,370	4,752	-	-	285,450
2005	285,450	67,761	11,482	-	-	341,729
2006	341,729	70,199	12,053	-	-	399,875
2007	399,875	162,340	3,638	-	-	558,576
2008	558,576	54,893	13,878	-	-	599,592
2009	599,592	53,162	8,642	-	-	644,111
2010	644,111	15,619	21,145	-	-	638,585
2011	638,585	37,252	8,361	-	-	667,476
2012	667,476	28,203	16,433	-	-	679,246
2013	679,246	18,220	10,383	-	-	687,084
2014	687,084	67,663	17,488	-	-	737,259
2015	737,259	44,414	14,426	-	-	767,247
2016	767,247	67,405	39,804	-	-	794,848
2017	794,848	392,907	264,119	-	-	923,636
2018	923,636	134,614	(68,741)	-	-	1,126,990
2019	1,126,990	137,116	59,705	-	-	1,204,402
2020	1,204,402	58,928	24,837	-	-	1,238,493
2021	1,238,493	134,721	138,310	-	-	1,234,904
2022	1,234,904	181,255	160,730	-	-	1,255,430
2023	1,255,430	101,774	28,889	-	-	1,328,315

