Attachment to Response to KU KIUC-2 Question No. 81

Attachment No. 1

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COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

)
)

In the Matter of:

:

AN ADJUSTMENT OF THE ELECTRIC) RATES, TERMS AND CONDITIONS OF) KENTUCKY UTILITIES COMPANY) CASE NO: 2003-00434

VOLUME 6 OF 6

ROBINSON APPENDIX C DEPRECIATION STUDY FOR ELECTRIC DIVISION

Filed: December 29, 2003

Kentucky Utilities Company Case No. 2003-00434 Historical Test Year Filing Requirements Table of Contents

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Volume Number	Description of Contents					
	Statutory Notice					
	Application					
1	Financial Exhibit pursuant to 807 KAR 5:001 Section 6					
	Table of Contents					
	Response to Filing Requirements listed in 807 KAR 5:001 Section 10(1)(a)1 through 807 KAR 5:001 Section 10(6)(k)					
2	Response to Filing Requirements listed in 807 KAR 5:001 Section 10(6)(1) through 807 KAR 5:001 Section 10(6)(r)					
3	Response to Filing Requirements listed in 807 KAR 5:001 Section 10(6)(s) through 807 KAR 5:001 Section 10(7)(e)					
4	Testimony					
5	Seelye Exhibit - Cost-of-Service Study					
6	Robinson Appendix C - Depreciation Study					

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KENTUCKY UTILITIES ELECTRIC DIVISION

Depreciation Study as of December 31, 2002

AUS AUS CONSULTANTS Utility Services Weber Fick Wilson Division

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October 30, 2003

Mr. Gerald Skaggs, Manager Property Accounting Kentucky Utilities 820 West Broadway P.O. Box 32020 Louisville, KY 40232

RE: Kentucky Utilities

Dear Mr. Skaggs:

In accordance with your authorization, we have prepared a depreciation study related to the utility plant in service of Kentucky Utilities as of December 31, 2002. Our findings and recommendations, together with supporting schedules and exhibits, are set forth in the accompanying report.

Summary schedules have been prepared to illustrate the impact of instituting the recommended annual depreciation rates as a basis for the Company's annual depreciation expense as compared to the rates presently utilized. The application of the present rates to the depreciable plant in service as of December 31, 2002 results in an annual depreciation expense of \$95,260,843. In comparison, the application of the proposed depreciation rates to the depreciable plant in service at December 31, 2002 results in an annual depreciation expense of \$99,210,715, which is a increase of \$3,949,872 from current rates. The composite annual depreciation rate is 3.06 percent.

Section 2 of our report contains the summary schedules showing the results of our service life and salvage studies and summaries of presently utilized depreciation rates. The subsequent sections of the report present a detailed outline of the methodology and procedures used in the study together with supporting calculations and analyses used in the development of the results. A detailed table of contents follows this letter.

Respectfully submitted,

EARL M. ROBINSON, CDP

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KENTUCKY UTILITIES Electric Division

Executive Summary

Table 1 on pages 2-1 to 2-2 is a comparative summary which illustrates the effect of instituting the revised depreciation rates. The schedule includes a comparison of the annual depreciation rates and annual depreciation expense under both present and proposed rates applied using the Straight Line Method for each depreciable property group of the Kentucky Utilities (the "Company") plant in service as of December 31, 2002. Both the present and proposed depreciation rates were developed utilizing the Straight Line (SL) Method, Broad Group (BG) Procedure, and the Average Remaining Life (ARL) Technique.

Table 1-KY on pages 2-3 to 2-5 is a similar summary of the present and proposed depreciation rates for the Company's Kentucky based assets.

Table 1-VA on pages 2-6 to 2-8 is a similar summary of the present and proposed depreciation rates for the Company's Virginia based assets.

Table1-Plant Site on pages 2-9 to 2-13 is a summary of present and proposed depreciation rates, relative to the Company's Production Plant Account and is summarized by each individual plant site.

Table 2 on pages 2-14 to 2-16 provides a summary of the detailed life estimates and service life parameters (Iowa Curves) utilized in preparing the Average Remaining Life depreciation rates for each property group. The schedule provides a summary of the detailed data and narrative of the study results set forth in Sections 4 through 7. The developed depreciation rates (Column L) were determined by studying the Company's historical investment data together with the interpretation of future life expectancies which

will have a bearing on the overall service life of the Company's property.

Table 2-KY on pages 2-17- to 2-19 is a similar summary of the depreciation rate development for the Company's Kentucky based assets.

Table 2-VA on pages 2-20- to 2-22 is a similar summary of the depreciation rate development for the Company's Virginia based assets.

Table 2-Location 2-23 to 2-28 is a summary of the depreciation rate development for the Company's Steam and Other Production plant accounts detailed by account and plant locations.

Table 2-a on page 2-29 to 2-33 is a summary of the estimated future net salvage precents for the Company's production plant accounts including the overall estimated future net salvage and terminal net salvage. The estimate of interim net salvage was obtained from a detailed analysis of the Company's actual historical experience, while the Terminal Net Salvage was based upon information obtained from Company data relative to the terminal net salvage for its Pineville plant. The aggregate Interim and Terminal net salvage percents were incorporated into the Company's average remaining life based depreciation rate calculation (per Table 2, Table 2-KY, and Table 2-VA) to enable the Company to appropriately recover its total life plant costs of the life of the assets providing customer service.

Table 3 on pages 2-34 through 2-36 reconciles the December 31, 2002 account level plant in service balances per books versus the balances utilized in the performance of the depreciation study. The table incorporates pending (unrecorded) retirements identified during the course of completing the depreciation study, other pending adjustments, as well as the mandated pollution control (NOX Project Costs).

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Likewise, Table 4, on pages 2-37 to 2-39, reconciles the December 31, 2002 book depreciation reserve balances per books versus the balances utilized in preparing the depreciation rates per this study. The table incorporates the pending (unrecorded) retirements identified in assembling the detailed accounting data for this study.

Table 5-KY, on pages 2-40 to 2-50, contains the allocation of the Company's Kentucky based book depreciation reserve for production plant sites to each individual plant account property groups. Each of the applicable property group's book depreciation reserves (maintained by individual plant site) were proportionally distributed to each individual asset account group based upon the calculated theoretical depreciation reserves. Likewise, the schedule also allocates the Company's functional level book depreciation reserves for Transmission, Distribution, and General plant facilities to each of their applicable individual property groups on the basis of theoretical depreciation reserves. The theoretical depreciation reserves were developed using each asset category's utility plant in service as of December 31, 2002 together with the current estimated service life characteristics and net salvage factors developed per the study.

Table 5-VA on pages 2-51 to 2-52 is a similar summary of the book depreciation reserve allocations for the Company's Virginia based assets.

The utilization of the recommended depreciation rates based upon the Straight Line Average Remaining Life Procedure results in the setting of depreciation rates which will continuously true up the Company's level of capital recovery over the life of each asset group. Application of this procedure, which is based upon the current best estimates of service life together with the Company's plant in service and accrued depreciation, produces annual depreciation rates that will result in the Company recovering 100 percent

of its investment - no more, no less.

It is recommended that the Company continue to apply depreciation rates and maintain its book depreciation reserve on an account-level basis. The maintenance of the book reserve on an account-level basis requires both the development of annual depreciation expense and distribution of other reserve account charges to an individual level. Maintaining the Company's depreciation records in this detail will aid in completing the various rate studies and, most importantly, clearly identifies the Company's level of capital recovery relative to each category of plant investment.

The general drivers for the proposed depreciation rates include an assessment of the Company's historical experience with regard to achieved service lives and net salvage factors. In addition, consideration is given to current and anticipated events which are anticipated to impact the Company's ability to recover its fixed capital costs related to utility plant in service utilized to provide service to the Company's customers.

The depreciation rate for each individual account changed as a result of reflecting estimates obtained through the in-depth analysis of the Company's most recent data together with an interpretation of ongoing and anticipated future events. Some of the revisions were not significant and typically reflect fine tuning of previously utilized depreciation rates while others were more substantial in nature. Several of the accounts did reflect more significant changes (as outlined in Section 4 of this report) from the previously utilized depreciation rates.

The most notable depreciation/amortization occurred relative to Account 311 -Structures & Improvements, Account 312 - Boiler Plant Equipment, Account 314 -Turbogenerator Units, Account 315 - Accessory Electric Equipment, Account 343 - Prime

Movers, Account 365 - Overhead Conductors and Devices, Account 369 - Services, and Account 370 - Meters.

The proposed deprecation rate for Account 312 - Boiler Plant Equipment, increased from 2.79 percent to 3.18 percent. The basic factors influencing the proposed annual deprecation rate for this account is the developed interim retirement rate, the probable retirement years, the estimated interim and terminal net salvage factors, the mandated pollution control (NOX Projects) cost and the current level of accrued depreciation reserve. The interim retirement rates were developed based upon a detailed analysis of the historically experienced retirements, and are designed to recognize the level of interim retirement date of each facility. The estimated terminal/probable retirement years for each of the Company's operating units were developed by the Company's engineering staff after considering all factors affecting the current and prospective operation of the facilities as well as full production requirements. The probable retirement data for each of the facilities, while having been modified to reflect the latest available data, are generally consistent with those underlying the Company's current depreciation rates.

The interim net salvage was based upon an analysis of the Company's historical experience, while the terminal net salvage is based upon detailed calculations using underlying information obtained from the Company's experience in decommissioning its Pineville plant, which was retired in place. Likewise, it is the Company's expressed intent to eventually retire its other existing generating facilities in place. By comparison, based upon information obtained from decommissioning cost study data relative to totally dismantling plants, the Company's historical experience and future estimates are very

modest. The detailed account level decommissioning study cost data was used to distribute the Company's experienced cost relative to Steam Production facilities to the individual FERC account level.

The incorporation of the mandated pollution control (NOX Projects) cost is consistent with the inclusion of cost estimates for such expenditures into the present deprecation rates. These projects and the related costs are federally mandated and beyond the Company's managerial control. Finally, the current level of accrued depreciation directly impacts the prospective recovery levels given that the current unrecovered costs need to be ratable recovered over the average remaining life of each of the operating plants.

The depreciation rate for Account 343 - Prime Movers, increased from 3.42 percent to 4.07 percent and the depreciation rate for Account 344 - Generators, increased from 3.15 to 3.57 percent. The drivers for the depreciation rate changes for these two Other Production Plant Accounts are consistent with those described above for Account 312 -Boiler Plant Equipment with the exception that the resulting depreciation rates were not impacted by future NOX related expenditures.

The depreciation rate for Account 365 - Overhead Conductors and Devices increased from 3.02 percent to 3.24 percent. The depreciation rate increase is being driven by a reduction in the underlying service life parameters from 44 years to 41 years. The estimated service life parameter for the proposed depreciation rate is more representative of the service life currently being experienced by the property group and is more consistent with the even shorter service life being experienced by this property class within the industry.

The depreciation rate for Account 369 - Services increased from 3.75 percent to 4.16

percent. The proposed depreciation rate is the product of the application of the estimated applicable service life (which was revised from thirty-six (36) years to thirty (30) years) and the estimated future net salvage (which was revised from negative sixty-five (65) to negative forty (40) percent).

Conversely, several of the property groups experienced depreciation rate decreases from the current levels.

The composite depreciation rate for Account 311 - Structures & Improvements declined from 2.97 percent to 1.75 percent, Account 314 - Turbogenerator Units declined from 2.51 percent to 2.17 percent, and Account 315 - Accessory Electric Equipment declined from 2.48 percent to 1.63 percent. The decrease of the deprecation rate for these property groups is a composite of applying the applicable life span and net salvage parameters as compared to that underlying the present depreciation rate. Furthermore, the drivers for the depreciation rate changes are consistent with those for Account 312, except that NOX expenditures were not a factor in the resulting proposals.

The depreciation rate relative to Account 370 - Meters declined from 2.79 percent to 2.20 percent. This depreciation expense reduction is the product of incorporating the estimated average service life (increased from 39 to 44 years) and net salvage factors identified through an in depth analysis of the Company's historical experience and future expectations.

Various of the remaining account/sub-accounts experienced increases and/or declines in recommended depreciation rates to a lesser degree, as noted per Table 1 of this report. This revision in annual depreciation rates and expense is the result of both changes in the estimated service lives and salvage factors, and reflects the impact of the Company's

property changes since the most recent study.

With regard to the inclusion of higher negative net salvage levels in the development of proposed depreciation rates, as noted within the discussion related to net salvage in Section 3 of the depreciation report, it is highlighted that the level of experienced net salvage should simply be a benchmark from which to estimate future net salvage. It is highly likely that the negative net salvage amounts experienced even recently will simply be the floor above which future negative net salvage levels will increase to a higher level. To appropriately and proportionately allocate the true total asset cost (original cost adjusted for net salvage) over its applicable service life, proper consideration must be given in each accounting period, to the total costs that are anticipated to occur relative to the Company's assets that provide customer service.

Applying the proposed depreciation /amortization rates to the Company's December 31, 2002 plant in service produces annual depreciation expense of \$99,210,715 which is a increase of \$3,949,872 from current depreciation rates.

The following summary compares the present and proposed composite depreciation rates for illustrative purposes only. The <u>Composite Depreciation Rate</u> should not be applied to the total Company investment inasmuch as the non-proportional change in plant investment as a result of property additions or retirements would render the composite rate inappropriate. The Table 1 schedule lists the recommended annual depreciation rates for each property account.

Present Depreciation Rates

Depreciable Plant In Service at December 31, 2002	\$3,245,966,124
Annual Depreciation Expense	95,260,843
Composite Annual Depreciation Rate	2.93%

Proforma Proposed Depreciation Rates

Depreciable Plant In Service at December 31, 2002	\$3,245,966,124
Annual Depreciation Expense	99,210,715
Composite Annual Depreciation Rate	3.06%



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Attachment to Response to KU KIUC-2 Question 7200 81 Kentucky Utilities Electric Division

Charnas

Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Pre	esent Rates	Prop	osed Rates	Net
Accourt	it	Cost		Annual		Annual	Change
No.	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp.
(a)	(b)	(c)	(0)	(e)	(1)	(g)	(h)
	DEPRECIABLE PLANT						
	STEAM PLANT						
311.00	Structures and Improvements	154,711,332.22	2.97%	4,594,926.57	1.75%	2,707,448.31	-1,887,478,26
312.00	Boiler Plant Equipment	1,024,872,088.49	2.79%	28,593,931.27	3.18%	32,590,932.41	3,997,001.14
314.00	Turbogenerator Units	191,722,845.06	2.51%	4,812,243.41	2.17%	4,160,385.74	-651,857.67
315.00	Accessory Electric Equipment	81,289,114.47	2.48%	2,015,970.04	1.63%	1,325,012.57	-690, 957.47
316.00	Miscellaneous Power Plant Equipment	20,719,081.14	2.93%	607,069.08	2.52%	522,120.84	-84, 948.24
	Total Steam Production Plant	1,473,314,461.38	2.76%	40,624,140.37	2.80%	41,305,899.87	681,759.50
	HYDRAULIC PLANT						
330.10	Land Rights	879,311.47	1.59%	13,981.05	0.00%	0.00	-13,981.05
331.00	Structures and Improvements	497,427.20	1.71%	8,506.01	2.04%	10,147.51	1,641.50
332.00	Reservoirs, Dams and Waterways	8,142,176.24	1.62%	131,903.26	1.53%	124,575.30	-7, 327.96
333.00	Waterwheel, Turbines and Generators	532,629.23	1.78%	9,480.80	0.00%	0.00	-9,480.80
334.00	Accessory Electric Equipment	349,869.04	2.25%	7,872.05	5.74%	20,082.48	12,210.43
335.00	Miscellaneous Power Plant Equipment	163,126.48	1.94%	3,164.65	4.13%	6,737.12	3,572.47
336.00	Roads, Railroads and Bridges	48,145.91	1.61%	775.15	0.80%	385.17	- 389.98
	Total Hydraulic Plant	10,612,685.57	1.66%	175,682.97	1.53%	161,927.58	-13, 755.39
	OTHER PRODUCTION PLANT						
340.10	Land Rights	176,409.31	3.39%	5,980.28	1.64%	2,893,11	-3 087 17
341.00	Structures and Improvements	21,174,956.60	3.37%	713,596.04	4.34%	918,993,12	205 397 08
342.00	Fuel Holders, Producers and Accessory	18.325.891.25	3.37%	617.582.54	4.51%	826,497,70	208 915 16
343.00	Prime Movers	251,279,024,10	3.42%	8 593 742 62	4 07%	10 227 056 28	1 633 313 66
344.00	Generators	47,479,932,03	3.15%	1,495,617,86	3 57%	1 695 033 57	100 415 71
345.00	Accessory Electric Equipment	19, 116, 795, 73	3.32%	634 677 62	3 36%	642 324 34	7 646 72
346.00	Miscellaneous Power Plant Equipment	4,681,000.69	3.41%	159,622.12	4.18%	195,665.83	36,043.71
	Total Other Production Plant	362,234,009.71	3.37%	12,220,819.08	4.01%	14,508,463,95	2,287,644.87
	TRANSMISSION PLANT						
350.10	Land Rights	22,991,433.46	1.34%	308,085.21	1.91%	439,136.38	131,051.17
	Ct- stune and leaves see to						
252.40	Structures and improvements	6 426 546 78	2 659/	170 202 40	2 648/	467 700 07	
352.10	Struct, and Improve Non Gys. Control/Com	1 166 434 35	2.00%	20 010 51	2.01%	107,732.87	-2,570.62
352.20	Tetal Account 352	7,503,091,01	2.037	30,910.51	3.43%	40,008.69	9,098.18
		7,032,301.01	2.03%	201,214.00	2.1470	207,741.56	6,527.56
252 10	Station Equipment	146 507 337 37	2 240/	2 220 254 48	0.070/		
353.10	Station Equipment - Non Sys. Control/Com.	140,027,007.07	2.21%	3,230,204.10	2.21%	3,326,170.56	87.916.40
353.20	Station Equip - Sys.Contro/Com. (Microwave)	14,284,914.20	0.18%	882,807.70	7.57%	1,081,368.00	198,560.30
	Total Account 353	100,812,251.57	2.50%	4,121,061.86	2.74%	4,407,538.56	286,476.70
354.00	Towers and Fixtures	60,533,459.11	2.84%	1,719,150.24	2.87%	1,737,310.28	18, 160.04
355.00	Poles and Fixtures	74,915,940.37	4.03%	3,019,112.40	3.72%	2,786,872.98	-232,239,42
356.00	Overhead Conductors and Devices	122,030,093.52	3.25%	3,965,978.04	3.46%	4,222,241.24	256, 263, 20
357.00	Underground Conduit	435,926.80	2.01%	8,762.13	2.04%	8,892.91	130.78
358.00	Underground Conductors and Devices	1,114,761.90	3.52%	39,239.62	4.24%	47,265.90	8,026.28
	Total Transmission Plant	450,426,847.74	2.97%	13,382,603.50	3.08%	13,856,999.81	474,396.31
	DISTRIBUTION PLANT						
360.10	Land Rights	1,423,182.13	1.14%	16.224.28	1 61%	22 013 23	6 699 05
361.00	Structures and Improvements	3,798,329.41	1.89%	71,788,43	2.12%	80 524 58	0,000.90
362.00	Station Equipment	92,514.069.32	2.24%	2.072 315 15	2 08%	1 924 202 64	0,730.15
364.00	Poles, Towers and Fixtures	167,558.546.62	3.52%	5,898,060,84	3 64%	6 000 131 10	-140,U22.01
365.00	Overhead Conductors and Devices	160.511.631.53	3.02%	4,847 451 27	3 24%	5 200 576 86	201,070.26
366.00	Inderground Conduit	1.551 966.69	1.75%	27 150 42	2 05%	31 915 22	353, 125.59
367.00	Underground Conductors and Devices	49 804 065 26	3 29%	1 638 563 75	3 4 1 9/	1.609.240.62	4,055.90
369.00	ine Transformers	200 705 220 76	2 4104	5 053 008 08	3.4170	1,030,310.03	59,764.88
360.00	Sonicoe	R1 600 000 EA	3 759/	3 063 034 00	2.40%	5,158,/48.68	104,852.62
309.00		61 122 025 40	0.70%	3,003,034.90	4.10%	3,397,926.71	334,891.81
370.00	viciers	10 070 000 00	2.79%	1,705,611,69	2.20%	1,344,926.78	-360,684.91
371.00 1	Installations on customers' Premises	10,270,303.32	0.21%	1,145,548.02	6.05%	1,105,353.35	-40, 194.67
373.00 \$	Street Lighting and Signal Systems	40,400,623.49	3.85%	1,748,155.00	3.75%	1,702,748.38	-45,406.62
8	Total Distribution Plant	893,357,914.56	3.05%	27,287,798.81	3.11%	27,767,276,26	479 477 45



Attachment to Response to KU KIUC-2 Question Ne 81 Kentucky Utilities Electric Division

Charnas

Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Pres	ent Rates	Prope	osed Rates	Net
Account	t	Cost		Annual		Annual	Change
No.	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	GENERAL PLANT						
12-0/2-17-02	Structures and Improvements				. ~		
390.10	Struct. And Improve. To Owned Property	28,987,368.24	1.76%	510,177.68	1.74%	504,380.21	-5,797.47
390.20	Improvements to Leased Property	694,489.17	0.00%	0.00	2.39%	16,598.29	16,598.29
	Total Account 390	29,681,857.41	1.72%	510,177.68	1.75%	520,978.50	10,800.82
301 10	Office Furniture and Equipment	6 168 471 98	5.82%	359 005 07	5.61%	346 051 28	12 953 79
391.30	Cash Processing Equipment	369.383.94	10.00%	36,938,39	4.88%	18.025.94	-18 912 45
391.00	Total Account 391	6,537,855.92	6.06%	395,943.46	5.57%	364,077.22	-31,866.24
393.00	Stores Equipment	571,858.05	2.87%	16,412.33	2.14%	12,237.76	-4, 174.57
394.00	Tools, Shop and Garage Equipment	3,700,720.83	2.74%	101,399.75	2.63%	97,328.96	-4,070.79
395.00	Laboratory Equipment	3,306,885.77	3.16%	104,497.59	2.64%	87,301.78	-17, 195.81
396.00	Power Operated Equipment	200,677.14	3.56%	7,144.11	2.39%	4,796.18	-2,347.93
	Communication Equipment		0.554	100 000 11	0.000/		1000
397.10	Carrier Communication Equipment	3,093,194.70	3.55%	109,808.41	3.90%	120,634.59	10,826.18
397.20	Remote Control Communication Equipment	3,869,910.58	3.55%	138,091.83	4.20%	163,376.24	25,284.41
397.30	Mobile Communication Equipment	4,579,695.02	3.00%	102,000.29	4.90%	224,414.89	61,828.60
	Total Account 397	11,563,000.90	3.33%	410,486.33	4.40%	508,425.72	97,939.19
398.00	Miscellaneous Equipment	457,348.94	5.19%	23,736.41	3.28%	15,001.05	-8,735.36
	Total General Plant	56,020,204.96	2.80%	1,569,797.86	2.87%	1,610,147.17	40, 349.31
	Sub-Total Depreciable Plant	3,245,966,123.92	2.93%	95,260,842.59	3.06%	99,210,714.64	3,949,872.05
	Other Plant (Not Studied)						
391.20	Non PC Computer Equipment	9,611,731.44					
391.40	Personal Computers	9,814,322.00					
392.00	Transportation Equipment - Cars & Trucks	23,749,238.51					
	Total Other Plant (Not Studied)	43,175,291.95					
	Total Depreciable Plant	3,289,141,415.87					
	NON-DEPRECIABLE PLANT						
	INTANGIBLE PLANT						
301.00	Organization	44,455.58					
302.00	Franchises and Consents	81,350.32					
303.00	Miscellaneous Intangible Plant	17,297,387.08					
	Total Intangible Plant	17,423,192.98					
111.1111111111111111111111111111111111	LAND & LAND RIGHTS						
310.20	Production Land	10,478,524.55					
330.20	Hydraulic Plant	13,479.47					
340.20	Other Production Land	98,602.74					
350.20	Transmission Land	1,162,528.04					
360.20	Uistribution Land	1,584,825.82					
389.20	Land	2,826,347.43					
	Total Land	16,164,308.05					
	Total Non-Depreciable Plant	33,587,501.03					
	Total Electric Plant in Service	3,322,728,916.90					



Attachment to Response to KU KIUC-2 Question No. 81 Page 19 of 689 Charnas

Table 1-KY

Kentucky Utilities Electric Division Kentucky

Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Pre	sent Rates	Proposed Rates		Net
Accoun	t	Cost	83.2	Annual		Annual	Change
No	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr Exp
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	DEPRECIABLE PLANT						
	STEAM PLANT						
311.00	Structures and Improvements	154,711,332.22	2.97%	4,594,926.57	1.75%	2,707,448.31	-1,887,478.26
312.00	Boiler Plant Equipment	1,024,872,088.49	2.79%	28,593,931.27	3.18%	32,590,932.41	3,997,001.14
314.00	Turbogenerator Units	191,722,845.06	2.51%	4,812,243.41	2.17%	4,160,385.74	-651,857.67
315.00	Accessory Electric Equipment	81,289,114.47	2.48%	2,015,970.04	1.62%	1,316,883.65	-699,086.39
316.00	Miscellaneous Power Plant Equipment	20,719,081,14	2.93%	607,069.08	2.51%	520,048.94	-87,020.14
	Total Steam Production Plant	1,473,314,461.38	2.76%	40,624,140.37	2.80%	41,295,699.05	671,558.68
	HYDRAULIC PLANT	-					
330.10	Land Rights	879,311.47	1.59%	13,981.05	0.43%	3,781.04	-10,200.01
331.00	Structures and Improvements	497,427.20	1.71%	8,506.01	2.27%	11,291.60	2,785.59
332.00	Reservoirs, Dams and Waterways	8,142,176.24	1.62%	131,903.26	1.32%	107,476.73	-24,426.53
333.00	Waterwheel, Turbines and Generators	532,629.23	1.78%	9,480.80	1.77%	9,427.54	-53.26
334.00	Accessory Electric Equipment	349,869.04	2.25%	7,872.05	14.73%	51,535.71	43,663.66
335.00	Miscellaneous Power Plant Equipment	163,126.48	1.94%	3,164.65	6.32%	10,309.59	7,144.94
336.00	Roads, Railroads and Bridges	48,145.91	1.61%	775.15	0.16%	77.03	-698.12
	Total Hydraulic Plant	10,612,685.57	1.66%	175,682.97	1.83%	193,899.24	18,216.27
	OTHER PRODUCTION PLANT						
340.10	Land Rights	176,409.31	3.39%	5,980.28	1.66%	2,928.39	-3,051.89
341.00	Structures and Improvements	21,174,956.60	3.37%	713,596.04	4.35%	921,110.61	207,514.57
342.00	Fuel Holders, Producers and Accessory	18,325,891.25	3.37%	617,582.54	4.53%	830,162.87	212,580.33
343.00	Prime Movers	251,279,024.10	3.42%	8,593,742.62	4.05%	10,176,800.48	1,583,057.86
344.00	Generators	47,479,932.03	3.15%	1,495,617.86	3.67%	1,742,513,51	246,895.65
345.00	Accessory Electric Equipment	19,116,795.73	3.32%	634,677.62	3.36%	642,324.34	7,646.72
346.00	Miscellaneous Power Plant Equipment	4,681,000.69	3.41%	159,622.12	4.15%	194,261.53	34,639.41
	Total Other Production Plant	362,234,009,71	3.37%	12,220,819.08	4.01%	14,510,101.73	2,289,282.65
	TRANSMISSION PLANT						
350.10	Land Rights	21,209,402.58	1.34%	284,205.99	1.91%	405,099.59	120,893.60
	Structures and Improvements						
352,10	Struct. and Improve Non Sys. Control/Com.	5,376,265.98	2,65%	142,471.05	2.57%	138,170.04	-4,301.01
352.20	Struct, and Improve Sys. Control/Com.	1,166,434.25	2.65%	30,910.51	3.43%	40,008.69	9,098.18
	Total Account 352	6,542,700.23	2.65%	173,381.56	2.72%	178,178.73	4,797.17
	Station Equipment						
353.10	Station Equipment - Non Sys. Control/Com.	132,584,164.92	2.21%	2,930,110.04	2.27%	3,009,660.54	79,550.50
353.20	Station Equip - Sys.Control/Com. (Microwave)	14,284,914.20	6.18%	882,807.70	7.57%	1,081,368.00	198,560.30
	Total Account 353	146,869,079.12	2.60%	3,812,917.74	2.79%	4,091,028.54	278,110.80
354.00	Towers and Fixtures	53,794,363.10	2.84%	1,527,759.91	2.86%	1,538,518.78	10,758.87
355.00	Poles and Fixtures	69,669,276.95	4.03%	2,807,671.86	3.72%	2,591,697.10	-215,974.76
356.00	Overhead Conductors and Devices	110,424,621.36	3.25%	3,588,800.19	3.46%	3,820,691.90	231,891.71
357.00	Underground Conduit	435,926.80	2.01%	8,762.13	2.04%	8,892.91	130.78
358.00	Underground Conductors and Devices	1,114,761.90	3.52%	39,239.62	4.24%	47,265.90	8,026.28
	Total Transmission Plant	410,060,132.04	2.99%	12,242,739.00	3.09%	12,681,373.45	438,634.45





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Attachment to Response to KU KIUC-2 Question No. 81 Page 20 of 689 Charnas

Table 1-KY

Kentucky Utilities Electric Division Kentucky

Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Pres	ent Rates	Prop	psed Rates	Net
Accourt	t	Cost		Annual		Annual	Change
No.	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	DISTRIBUTION PLANT						
360.10	Land Rights	1,339,602.00	1.14%	15,271.46	1.62%	21,701.55	6,430.09
361.00	Structures and Improvements	3,430,861.90	1.89%	64,843.29	2.12%	72,734.27	7,890.98
362.00	Station Equipment	86,219,706.94	2.24%	1,931,321.44	2.08%	1,793,369.90	-137,951.54
364.00	Poles, Towers and Fixtures	155,425,339.72	3.52%	5,470,971.96	3.64%	5,657,482.37	186,510.41
365.00	Overhead Conductors and Devices	148,205,196.77	3.02%	4,475,796.94	3.25%	4,816,668.90	340,871.96
366.00	Underground Conduit	1,551,966.69	1.75%	27,159.42	2.05%	31,815.32	4,655,90
367.00	Underground Conductors and Devices	49,284,446.82	3.29%	1,621,458.30	3.41%	1,680,599.64	59,141,34
368,00	Line Transformers	197,669,452.43	2.41%	4,763,833.80	2.46%	4,862,668.53	98,834,73
369.00	Services	76,775,194.60	3.75%	2,879,069.80	4.16%	3,193,848.10	314,778.30
370.00	Meters	57,516,116.20	2.79%	1,604,699.64	2.21%	1,271,106,17	-333,593,47
371.00	Installations on customers' Premises	17,403,000.52	6.27%	1,091,168.13	6.04%	1.051.141.23	-40.026.90
373.00	Street Lighting and Signal Systems	44,177,578.73	3.85%	1,700,836.78	3.74%	1,652,241.44	-48,595.34
	Total Distribution Plant	838,998,463.32	3.06%	25,646,430.96	3.11%	26,105,377.42	458,946.46
	GENERAL PLANT						
	Structures and improvements						
390.10	Struct. And Improve. To Owned Property	28,343,519.39	1.76%	498,845.94	1.75%	496,011.59	-2,834.35
390.20	Improvements to Leased Property	618,508.30	0.00%	0.00	2.49%	15,400.86	15,400.86
	Total Account 390	28,962,027.69	1.72%	498,845.94	1.77%	511,412.45	12,566.51
	Office Fumiture and Equipment						
391.10	Office Equipment	6,129,377.49	5.82%	356,729.77	5.59%	342,632.20	-14,097.57
391.30	Cash Processing Equipment	369,383.94	10.00%	36,938.39	4.88%	18,025.94	-18,912.45
	Total Account 391	6,498,761.43	6.06%	393,668.16	5.55%	360,658.14	-33,010.02
393.00	Stores Equipment	563,754.75	2.87%	16,179.76	2.14%	12,064.35	-4,115.41
394.00	Tools, Shop and Garage Equipment	3,424,989.75	2.74%	93,844.72	2.60%	89,049.73	-4,794.99
395.00	Laboratory Equipment	3,269,202.59	3.16%	103,306.80	2.65%	86,633.87	-16,672.93
396.00	Power Operated Equipment	200,677.14	3.56%	7,144.11	2.39%	4,796.18	-2,347.93
	Communication Equipment						
397.10	Carrier Communication Equipment	2,939,746.71	3.55%	104,361.01	4.01%	117,883.84	13,522.83
397.20	Remote Control Communication Equipment	3,729,637.84	3.55%	132,402.14	4.23%	157,763.68	25,361.54
397.30	Mobile Communication Equipment	4,339,042.39	3.55%	154,036.00	4.93%	213,914.79	59,878.79
	Total Account 397	11,008,426.94	3.55%	390,799.15	4.45%	489,562.31	98,763.16
398.00	Miscellaneous Equipment	440,985.52	5.19%	22,887.15	3.33%	14,684.82	-8,202.33
	Total General Plant	54,368,825 81	2.81%	1,526,675.79	2.89%	1,568,861.85	42,186.06
	Sub-Total Depreciable Plant	3,149,588,577.83	2.93%	92,436,488.17	3.06%	96,355,312.74	3,918,824.57
	Other Plant (Not Studied)	1211-02010200-0000					
391.20	Non PC Computer Equipment	9,611,731.44					
391.40	Personal Computers	9,814,322.00					
392.00	Transportation Equipment - Cars & Trucks	22,433,401.14					
	Total Other Plant (Not Studied)	41,859,454.58					

Total Depreciable Plant 3,191,448,032.41

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Table 1-KY

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Kentucky Utilities Electric Division Kentucky

Summary of Original Cost of Utility Plant in Service as of December 31, 2002

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and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Prese	ent Rates	Propo	sed Rates	Net
Account	t i i i i i i i i i i i i i i i i i i i	Cost		Annual		Annual	Change
No.	Description_	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp.
(a)	(b)	(c)	(d)	(e)	(1)	(9)	(h)
	NON-DEPRECIABLE PLANT						
	INTANGIBLE PLANT						
301.00	Organization	39,116.89					
302.00	Franchises and Consents	81,350.32					
303 00	Miscellaneous Intangible Plant	17,297,387.08					
	Total Intangible Plant	17,417,854.29					
	LAND & LAND RIGHTS						
310,20	Production Land	10,478,524.55					
330,20	Hydraulic Plant	13,479.47					
340.20	Other Production Land	98,602.74					
350.20	Transmission Land	1,094,360.08					
360.20	Distribution Land	1,488,386.74					
389.20	Land	2,734,775.95					
	Total Land	15,908,129.53					
	Total Non-Depreciable Plant	33,325,983.82					
	Total Electric Plant in Service	3,224,774,016.23					

Virginia Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Present Rates Proposed Rates		Net		
Account	t	Cost		Annual		Annual	Change
No	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr Exp
(a)	(b)	(c)	(d)	(e)	(1)	(9)	(h)
	DEPRECIABLE PLANT						
	STEAM PLANT						
311.00	Structures and Improvements	0.00	2.97%	0.00	0.00%	0.00	0.00
312.00	Boiler Plant Equipment	0.00	2.79%	0.00	0.00%	0.00	0.00
314.00	Turbogenerator Units	0.00	2.51%	0.00	0.00%	0.00	0.00
315.00	Accessory Electric Equipment	0.00	2.48%	0.00	0.00%	0.00	0.00
316.00	Miscellaneous Power Plant Equipment	0.00	2.93%	0.00	0.00%	0.00	0.00
	Total Steam Production Plant	0.00	0.00%	0.00	0.00%	0.00	0.00
	HYDRAULIC PLANT						
330.10	Land Rights	0.00	1.59%	0.00	0.00%	0.00	0.00
331.00	Structures and Improvements	0.00	1.71%	0.00	0.00%	0.00	0.00
332.00	Reservoirs, Dams and Waterways	0.00	1.62%	0.00	0.00%	0.00	0.00
333.00	Waterwheel, Turbines and Generators	0.00	1.78%	0.00	0.00%	0.00	0.00
334.00	Accessory Electric Equipment	0.00	2.25%	0.00	0.00%	0.00	0.00
335.00	Miscellaneous Power Plant Equipment	0.00	1.94%	0.00	0.00%	0.00	0.00
338 00	Roads, Railroads and Bridges	0.00	1,61%	0.00	0.00%	0.00	0.00
	Total Hydraulic Plant	0.00	0.00%	0.00	0.00%	0.00	0.00
	OTHER PRODUCTION PLANT						
340.10	Land Rights	0.00	3.39%	0.00	0.00%	0.00	0.00
341.00	Structures and Improvements	0.00	3 37%	0.00	0.00%	0.00	0.00
342.00	Fuel Holders, Producers and Accessory	0.00	3.37%	0.00	0.00%	0.00	0.00
343.00	Prime Movers	0.00	3.42%	0.00	0.00%	0.00	0.00
344.00	Generators	0.00	3.15%	0.00	0.00%	0.00	0.00
345.00	Accessory Electric Equipment	0.00	3.32%	0.00	0.00%	0.00	0.00
346.00	Miscellaneous Power Plant Equipment	0.00	3.41%	0.00	0.00%	0.00	0.00
	Total Other Production Plant	0.00	0.00%	0.00	0.00%	0.00	0.00
	TRANSMISSION PLANT						
350.10	Land Rights	1,782,030.88	1.34%	23,879.21	2.03%	36,175.23	12,296.02
	Structures and Improvements						
352.10	Struct, and Improve Non Sys. Control/Com.	1,050,280.78	2.65%	27,832.44	2.79%	29,302.83	1,470.39
352.20	Struct, and Improve, - Sys. Control/Com.	0.00	2.65%	0.00	0.00%	0.00	0.00
	Total Account 352	1,050,280.78	2.65%	27,832.44	2.79%	29,302.83	1,470.39
	Station Equipment						
353.10	Station Equipment - Non Sys. Control/Com.	13,943,172.45	2.21%	308,144.11	2.31%	322,087.28	13,943,17
353 20	Station Equip - Sys.Control/Com. (Microwave)	0.00	6.18%	0.00	0.00%	0.00	0.00
	Total Account 353	13,943,172.45	2.21%	308,144.11	2.31%	322,087.28	13,943.17
354.00	Towers and Fixtures	6,739,096.01	2.84%	191,390.33	2.91%	196,107.69	4,717.36
355.00	Poles and Fixtures	5,246,663.42	4.03%	211,440.54	3.72%	195,175.88	-16.264.66
356.00	Overhead Conductors and Devices	11,605,472.16	3.25%	377,177.85	3.51%	407,352.07	30,174,22
357.00	Underground Conduit	0.00	2.01%	0.00	0 00%	0.00	0 00
358.00	Underground Conductors and Devices	0.00	3.52%	0.00	0.00%	0.00	0.00
	Total Transmission Plant	40,366,715,70	2.82%	1,139,864,48	2.94%	1 186 200 98	46 336 50

Attachment to Response to KU KIUC-2 Question No. 81 Page 23 of 689 Charnas

Table 1-VA

Kentucky Utilities Electric Division

Virginia Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Present Rates		Proposed Rates		Net
Accourt	t	Cost		Annual		Annual	Change
No	Description	12/31/02	Rate %	Accrual	_Rate %	Accruat	Depr. Exp.
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	DISTRIBUTION PLANT						
360.10	Land Rights	83,580.13	1.14%	952.81	1.58%	1,320.57	367.76
361.00	Structures and Improvements	367,467.51	1.89%	6,945.14	2.11%	7,753.56	808,42
362.00	Station Equipment	6,294,362.38	2.24%	140,993.72	2.06%	129.663.87	-11,329.85
364.00	Poles, Towers and Fixtures	12,133,206.90	3.52%	427,088.88	3.56%	431,942.17	4,853,29
365.00	Overhead Conductors and Devices	12,306,434.76	3.02%	371,654.33	3.16%	388,883.34	17,229,01
366.00	Underground Conduit	0.00	1.75%	0.00	0.00%	0.00	0.00
367.00	Underground Conductors and Devices	519,618.44	3.29%	17,095.45	3.24%	16,835.64	-259.81
368.00	Line Transformers	12,035,778.33	2.41%	290,062.26	2.35%	282,840.79	-7,221,47
369.00	Services	4,905,735.94	3.75%	183,965.10	3.87%	189,851.98	5,886.88
370.00	Meters	3,616,919.29	2.79%	100,912.05	2.04%	73,785.15	-27,126.90
371.00	Installations on customers' Premises	867,302.80	6.27%	54,379.89	5.62%	48,742.42	-5,637.47
373.00	Street Lighting and Signal Systems	1,229,044.76	3.85%	47,318.22	3.55%	43,631.09	-3,687.13
	Total Distribution Plant	54,359,451.24	3.02%	1,641,367.85	2.97%	1,615,250.58	-26,117.27
	GENERAL PLANT						
	Structures and Improvements						
390.10	Struct, And Improve. To Owned Property	643,848.85	1.76%	11,331.74	1.36%	8,756.34	-2,575.40
390.20	Improvements to Leased Property	75,980.87	0.00%	0.00	1.33%	1,010.55	1,010.55
	Total Account 390	719,829.72	1.57%	11,331,74	1.36%	9,766.89	-1,564.85
	Office Furniture and Equipment						
391.10	Office Equipment	39,094.49	5.82%	2,275.30	2.28%	891.35	-1,383.95
391.30	Cash Processing Equipment	0.00	10.00%	0.00	0.00%	0.00	0.00
	Total Account 391	39,094.49	5.82%	2,275.30	2.28%	891.35	-1,383.95
393.00	Stores Equipment	8,103.30	2.87%	232.56	1.85%	149.91	-82.65
394.00	Tools, Shop and Garage Equipment	275,731.08	2.74%	7,555.03	2.91%	8,023.77	468.74
395.00	Laboratory Equipment	37,683.18	3.16%	1,190.79	1.71%	644.38	-546.41
396.00	Power Operated Equipment	0.00	3.56%	0.00	0.00%	0.00	0.00
	Communication Equipment						
397.10	Carrier Communication Equipment	153,447.99	3.55%	5,447.40	0.25%	383.62	-5,063.78
397.20	Remote Control Communication Equipment	160,272.74	3.55%	5,689.68	3.70%	5,930.09	240.41
397.30	Mobile Communication Equipment	240,853.23	3.55%	8,550.29	4.89%	11,777.72	3.227.43
	Total Account 397	554,573.96	3.55%	19,687.37	3.26%	18.091.43	-1,595.94
398.00	Miscellaneous Equipment	16,363.42	5.19%	849.26	2.09%	342.00	-507.26
	Total General Plant	1,651,379.15	2.61%	43,122.05	2.30%	37,909.73	-5,212.32
	Sub-Total Depreciable Plant	96,377,546.09	2.93%	2,824,354.38	2.95%	2,839,361.29	15,006.91

Table 1-VA

Kentucky Utilities Electric Division Virginia

Summary of Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense Under Present and Proposed Rates

		Original	Present Rates		Proposed Rates		Net
Account		Cost		Annual		Annual	Change
No.	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp
(a)	(b)	(c)	(d)	(e)	(1)	(g)	(h)
	0.510 - 2				- AA-0		
	Other Plant (Not Studied)						
391.20	Non PC Computer Equipment	0.00					
391.40	Personal Computers	0.00					
392.00	Transportation Equipment - Cars & Trucks	1,315,837,37					
	Total Other Plant (Not Studied)	1,315,837.37					
	Total Depreciable Plant	97,693,383.46					
	NON-DEPRECIABLE PLANT						
	INTANGIBLE PLANT						
301.00	Organization	5.338.69					
302 00	Franchises and Consents	D.00					
303 00	Miscellaneous Intangible Plant	0.00					
	Total Intangible Plant	5,338.69					
	LAND & LAND RIGHTS						
310.20	Production Land	0.00					
330.20	Hydraufic Plant	0.00					
340.20	Other Production Land	0.00					
350.20	Transmission Land	68,167,96					
360.20	Distribution Land	96,439,08					
389.20	Land	91,571,48					
000.20	2010						
	Total Land	256,178.52					
	Total Non-Depreciable Plant	261,517,21					
	Total Electric Plant in Service	97,954,900.67					

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Kentucky Utilities Electric Division

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Summary or Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense (By Plant Site) Under Present and Proposed Rates

		Probable		Original	Pres	ent Rates	Prop	sed Rates	Net
Account	Location	Retiremer	nt	Cost		Annual		Annual	Сралов
No.	Code	Date	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp.
(2)			(b)	(c)	(d)	(e)	(f)	(g)	(ħ)
			DEPRECIABLE PLANT						
			STEAM PLANT						
			Kil Generation-Common						
311.00	5591	2032	Structures and Improvements	805 715 82	4 22%	34 001 21	1 98%	15 953 17	(18 048 04)
316.00	5591	2032	Misc. Power Plant Equipment	1.330,284.07	4.22%	56,137,99	2.96%	39 376 41	(16,761,58)
			Total KU GenCommon	2,135,999.89	4.22%	90,139.20	2.59%	55,329.58	-34,809.62
						1999-99 1 09-007-002067-007-9		1.44 (1 .9 (1.9 (1.2 (1.9 (1.9 (1.9 (1.9 (1.9 (1.9 (1.9 (1.9	
			Tyrone Unit 3						
311.00	5603	2020	Structures and Improvements	5,293,882.85	2.13%	112,759.70	0.00%	0.00	(112,759.70)
312 00	5603	2020	Boiler Plant Equipment	8,663,220.42	2.13%	184,526.59	0.66%	57,177.25	(127,349.34)
312.00	5603	2020	Mandated NOX Proj2004 Closing	1,502,053.00	5.13%	77,055.32	7.28%	109,349.46	32,294.14
314.00	5603	2020	Turbogenerator Units	2,649,841.16	2.13%	56,441.62	0.00%	0.00	(56,441.62)
315.00	5603	2020	Accessory Electric Equipment	570,738.22	2.13%	12,156.68	0.00%	0 00	(12,156.68)
316 00	5603	2020	Misc. Power Plant Equipment	403,549.14	2.13%	8,595.60	2.39%	9,644.82	1,049.22
			Totar Tyrone Unit 3	19,083,282,79	2.3/%	451,535.51	0.92%	176,171.53	-275,363.98
			Tyrone Units 1 & 2						
311.00	5604	2005	Structures and Improvements	589,405.14	0.00%	0.00	0.00%	0.00	0.00
312.00	5604	2005	Boller Plant Equipment	3,549,368.50	0.00%	0.00	2.95%	104,706.37	104,706 37
314.00	5604	2005	Turbogenerator Units	1,592,029.04	0.00%	0.00	1.64%	26,109.28	26,109.28
315.00	5604	2005	Accessory Electric Equipment	828,016.44	0.00%	0.00	0.00%	0.00	0.00
316.00	5004	2005	Total Typope Lights 1 & 2	47,002.04	0.00%	0.00	0.00%	0.00	0.00
			rotal tytone onits r a 2	0,000,071.00	0.00%	0.00	1.90%	130,815.65	130,815.55
244.00	6040	2020	Green River Unit 3	2 800 804 74	1.044	51 510 01	0.000		
311.00	5613	2020	Structures and Improvements	2,809,804./1	1.94%	54,510.21	0.00%	0.00	(54,510,21)
312.00	5013	2020	Mandated NOX Brei, 2004 Cleans	1 731 084 00	1.94%	1/5,/84.55	0.92%	83,361,75	(92,422.81)
312.00	5613	2020	Turbogenerator Linite	2 651 645 58	1.04%	51 441 02	7.30%	120,434.83	92,834.34
315.00	5613	2020	Accessory Electric Equinment	698 352 89	1 94%	13 509 25	0.00%	0.00	(01,441,92)
318 00	5613	2020	Misc. Power Plant Equipment	70 833 53	1.84%	1 374 17	1 75%	1 239 59	(13,509.25)
			Total Green River Unit 3	17,021,680.47	1.94%	330,220.60	1.24%	211,036.17	-119,184.43
			Green River Unit 4						
311.00	5614	2020	Structures and Improvements	4,099,390.94	3.10%	127.081.12	1.65%	67 639 95	(59 441 17)
312.00	5614	2020	Boiler Plant Equipment	18,776,499 07	3.10%	582.071.47	1.92%	360.508.78	(221,562,69)
314.00	5614	2020	Turbogenerator Units	8,323,622.30	3.10%	258,032.29	2.01%	167,304.81	(90,727,48)
315.00	5614	2020	Accessory Electric Equipment	809,269.35	3.10%	25,087.35	0.00%	0.00	(25,087.35)
316.00	5614	2020	Misc. Power Plant Equipment	1,961,965.76	3.10%	60,820.94	2.54%	49,833.93	(10,987.01)
			Total Green River Unit 4	33,970,747.42	3.10%	1,053,093.17	1.90%	645,287.47	-407,805.70
			Green River Units 1 & 2						
311.00	5615	2004	Structures and Improvements	3,797,160.20	1.71%	64,931,44	0.00%	0.00	(64,931.44)
312.00	5615	2004	Boiler Plant Equipment	12,249,873.99	1.71%	209,472.85	9.90%	1,212,737.53	1,003,264.68
314.00	5615	2004	Turbogenerator Units	2,762,747.30	1.71%	47,242.98	9.42%	260,250.80	213,007.82
315.00	5615	2004	Accessory Electric Equipment	584,072.29	1.71%	9,987.64	0.00%	0.00	(9,987.64)
316 00	5615	2004	Misc. Power Plant Equipment	190,224.48	1.71%	3,252.84	4.50%	8,560.10	5,307.26
			Total Green River Units 1&2	19,584,078.26	1.71%	334,887.75	7.57%	1,481,548.43	1,146,660.68
			Brown Unit 1		and the second				
311.00	5621	2020	Structures and Improvements	4,088,137.49	2.90%	118,555.99	0.32%	13,082.04	(105,473.95)
312.00	5621	2020	Boiler Plant Equipment	32,815,581.55	2.90%	951,651.86	2.93%	961,496.54	9,844.68
312.00	5621	2020	Mandated NOX Proj2004 Closing	221,421.00	2.90%	6,421.21	6.71%	14,857.35	8,436.14
314.00	5621	2020	Turbogenerator Units	4,694,847.01	2.90%	136,150.56	0.74%	34,741.87	(101,408.69)
315.00	5621	2020	Accessory Electric Equipment	2,003,040.09	2.90%	77,245.56	1.39%	37,024.60	(40,220.96)
318.00	5621	2020	misc. Power Plant Equipment	293,039.48	2.90%	8,521.92	2.04%	5,994.73	(2,527.19)
			Total brown Unit 1	44,777,400.02	2.80%	1,298,547.10	2.38%	1,067,197.13	-231,349.97

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Summary or Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense (By Plant Site) Under Present and Proposed Rates

Probable		Original	Present Rates		Proposed Rates		Net		
Account	Location	Retireme	ent	Cost		Annual		Annual	Change
No.	Code	Date	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp
(a)		2.42	(b)	(c)	(d)	(e)	(1)	(9)	(ħ)
			Brown Unit 2						
311.00	5622	2020	Structures and Improvements	1 452 821 22	2 88%	41 841 25	0.08%	1 182 26	(40 678 99)
312.00	5622	2020	Boiler Plant Equipment	26 010 201 59	2 88%	749 093 81	2 84%	738 689 73	(10,070.55)
312.00	5622	2020	Mandated NOV Proj -2004 Closing	2 237 580 00	2 88%	64 442 56	7 00%	156 631 22	(10,404.00)
312.00	5622	2020	Turbaconarstor Linite	8 720 016 37	2.00%	251 421 50	7.00%	226 077 82	24,100.07
314.00	5622	2020	Accessos Electric Soulement	070 506 10	2.00 /	231,421.33	1 230/	12 008 02	(24,443.70)
315.00	5022	2020	Accessory Electric Equipment	BE 647 83	2.00 /0	21,000.17	1.33%	12,900,93	(13,044.24)
310.00	3042	2020	Total Brown Unit 2	39,486,772.10	2.88%	1,137,219.04	2.88%	1,137,808.86	(1,027.78) 589.82
311.00	5623	2020	Structures and Improvements	12,078,731.61	3,91%	472,278.41	1.63%	196,883.33	(275,395.08)
312.00	5623	2020	Boiler Plant Equipment	71,536,455,78	3.91%	2,797.075.42	2.53%	1.809.872.33	(987 203 09)
312.00	5623	2020	Mandated NOX Proj -2004 Closing	1.305.198.00	3,91%	51.033.24	6.97%	90,972,30	39 939 06
312.00	5623	2020	Mandated NOX Prol -2005 Closing	4.004.000.00	3.91%	156 556 40	7.43%	297 497 20	140 940 80
314 00	5623	2020	Turbogenerator Linits	22 985 210 48	3 91%	898 721 73	2 97%	682 660 75	(216 060 08)
215.00	5823	2020	Accessory Electric Equipment	5 078 630 62	3 0 1 94	108 406 61	1 73%	87 825 86	(110,000.30)
315.00	5023	2020	Miss Dever Diant Equipment	3,070,039.02	3.91%	150,490.01	2.028	07,020.00	(110,070.75)
310.00	5023	2020	Total Brown Unit 3	120,681,672.33	3.91%	4,718,653.39	2.72%	3,277,683.51	(32,519.84) -1,440,969.88
311.00	5843		. Pineville Unit 3 Structures and Improvements	0.00	0.00%	0.00	0.00%	0.00	0.00
312.00	5843	2003	Boiler Diget Equipment	226 822 50	2 289/	5 171 79	0.00%	0.00	(E 474 70)
312.00	5643	2003	Turboggografor Linite	220,032.00	0.00%	3,171.70	0.00%	0.00	(5,1/1./8)
314.00	5643		Accessory Electric Equipment	0.00	0.00%	0.00	0.00%	0.00	0.00
315.00	5643		Mise Dewer Plant Equipment	0.00	0.00%	0.00	0.00%	0.00	0.00
316.00	5043		Misc. Power Plant Equipment	0.00	0.00%	0.00	0.00%	0.00	000
			Total Philevalle Unit 5	220,032.30	2.20%	5,171.76	0.00%	0,00	-5,1/1./8
			Pineville Units 1 & 2						
311.00	5644	2020	Structures and Improvements	0.00	0.00%	0.00	0.00%	0.00	0.00
312.00	5644	2020	Boiler Plant Equipment	0.00	0.00%	0.00	0.00%	0.00	0.00
314.00	5644	2020	Turbogenerator Units	0.00	0.00%	0.00	0.00%	0.00	0.00
315.00	5644	2020	Accessory Electric Equipment	0.00	0.00%	0.00	0.00%	0.00	0.00
316 00	5644	2020	Misc. Power Plant Equipment	0.00	0.00%	0.00	0.00%	0.00	0.00
			Total Pineville Units 1 & 2	0.00	0.00%	0.00	0.00%	0.00	0.00
			Gheat 1 Pollution Control Equin						
744.00	FEFO	2022	Sheature and Improvements	34 355 443 40	E CTN	1 386 760 45	0 750	040 005 00	
311.00	5050	2022	Structures and Improvements	24,302,142.19	5.6776	1,380,760.46	3.75%	913,205.33	(467,561.13)
312.00	5650	2014	Boiler Plant Equipment	86,308,756.05	5.6/70	4,893,706.47	4.1/%	3,599,075.13	(1,294,631.34)
315.00	5650	2014	Turbogenerator Units	3,016,784.27	5.0/%	1/1,051.67	5.60%	168,939.92	(2,111.75)
316 00	5650	2014	Accessory Electric Equipment	985,410.01	5.67%	55,872.75	4.19%	41,288.68	(14,584.07)
			Total Ghent 1 Pollution Control Equip	114,663,092.52	5.67%	6,501,397.35	4.12%	4,722,509.06	-1,778,888.29
			Ghent Unit 1						
311.00	5651	2022	Structures and improvements	16.838 431 28	3.12%	525,359.06	1 20%	202 061 18	(323 207 80)
312.00	5651	2022	Boiler Plant Equipment	88 268 000 66	3 12%	2 753 064 44	2 44%	2 163 741 42	(525,297.00)
312 00	5651	2022	Mandalet NOX Proj. 2004 Closing	38 235 757 00	3 1 29/	1 102 055 62	6 918	2,100,741,42	(000,223,02)
312 00	5651	2022	Mandaled NOX Proj. 2004 Closing	38 680 000 00	3 120	1,192,900,02	6.01%	2,412,070.27	1,219,720.65
312.00	5051	2022	Turbagaparatar Linka	33,300,000.00	3.12%	1,210,1/0.00	0.08%	2,003,864.00	1,387,688.00
314.00	5051	2022	A second Electric Contract	22,0/2,000.15	3.12%	107,387.18	1.86%	421,/11.59	(285,675.59)
315.00	5651	2022	Accessory Electric Equipment	7,456,587.14	3.12%	232,645.52	1.64%	122,288.03	(110.357.49)
316 00	5651	2022	Misc. Power Plant Equipment Total Ghent Unit 1	1,683,635.89 214,135,168 42	3.12%	52,529.44 6,681,017.26	2.19% 3.71%	36,871.63 7.953,214,12	(15,657.81) 1,272 196 86
	505-	0007	Ghent Unit 2	18 010 500 07	4 9 4 9 4	00 / 000 05			
311.00	5652	2025	Structures and Improvements	10,012,036,37	1.84%	294,630.67	1.46%	233,783.03	(60,847.64)
312.00	5652	2025	Boller Plant Equipment	86,733,989.30	1.84%	1,595,905.40	2.10%	1,821,413.78	225,508.38
312.00	5652	2025	Mandated NOX Proj2004 Closing	4,735.00	1.84%	87.12	5.56%	263.27	176.15
312.00	5652	2025	Mandated NOX Proj2005 Closing	3,016,000.00	1.84%	55,494.40	5.85%	176,436.00	120,941 60



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Summary or Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense (By Plant Site) Under Present and Proposed Rates

Probable		Probable		Original	Present Rates		Proposed Rates		Net .	
Account	Location	Retiremen	t	Cost	1	Annual		Annual	Change	
No	Code	Date	Description	12/31/02	Rate %	Accrual	Rate %	Accouat	Deor Exp	
(2)		Paro	(b)	(c)	(d)	(e)	(!)	(g)	(h)	
		0005			4 9 4 9/	601 700 83	3 + 34/	604 022 08	*** *** **	
314.00	5652	2025	Turbogenerator Units	20,300,300.00	1.04 76	321,793.63	2.1376	004,033.00	02,239,23	
315.00	5652	2025	Accessory Electric Equipment	10,785,959.50	1.84%	198,461.65	1.36%	148,846.24	(49,615,41)	
316 00	5652	2025	Misc. Power Plant Equipment	1,478,017.69	1.84%	27,195.53	1.78%	26,308.71	(886.82)	
			Total Ghent Unit 2	146,389,598.41	1.84%	2,693,568.60	2.06%	3,011,084.11	317,515.51	
244.00	5050	2020	Ghent Unit 3	40 530 013 20	2 2284	800 086 07	1 4994	500 000 70	(200 005 25)	
311.00	3033	2028	Sudcures and indiversents	40,003,513.20	2.22 /0	3 700 405 46	0.048	033,930.72	(288,880,30)	
312.00	5653	2029	Boller Mant Equipment	103,040,430,42	2.2270	3,700,195.10	2.01%	3,409,933.45	(300,201.71)	
312.00	5653	2029	Mandated NOX Proj2004 Closing	73,887,596.00	2.22%	1,640,304.63	4.00%	3,457,939.49	1,817,634 86	
312.00	5653	2029	Mandated NOX Proj2005 Closing	1,976,000.00	2.22%	43,867.20	4.89%	96,626.40	52,759.20	
314.00	5653	2029	Turbogenerator Units	38,111,389.85	2.22%	846,072.85	1.97%	750,794.38	(95,278 47)	
315.00	5653	2029	Accessory Electric Equipment	25,961,221.84	2.22%	576,339.12	1.44%	373,841.59	(202,497.53)	
316.00	5653	2029	Misc, Power Plant Equipment	3,135,971.64	2.22%	69,618.57	1.90%	59,583.46	(10,035,11)	
			Total Ghent Unit 3	353,260,522.95	2.22%	7,842,383.60	2.48%	8,748,709.49	906,325.89	
	-		Ghent Unit 4		0.4784	174 100 10	0.000	150 000 20		
311.00	5654	2032	Structures and improvements	21,953,259.20	2.16%	474,190.40	2.08%	456,627.79	(17,562.61)	
312.00	5654	2032	Boiler Plant Equipment	168,701,912.41	2.16%	3,643,961.31	2.22%	3,745,182.46	101,221.15	
312.00	5654	2032	Mandated NOX Proj2004 Closing	52,148,251.00	2.16%	1,126,402.22	4.18%	2,179,796.89	1,053,394.67	
312.00	5654	2032	Mandated NOX Proj2005 Closing	15,424,000.00	2.16%	333,158.40	4.35%	670,944.00	337,785,60	
314.00	5654	2032	Turbogenerator Units	48,190,569.27	2.16%	1,040,916.30	2.03%	978,268.56	(62,647,74)	
315.00	5654	2032	Accessory Electric Equipment	21.869.238.82	2.16%	472.375.56	1.69%	369 590.14	(102 785 42)	
315.00	5854	2032	Misc. Power Plant Equinment	5 356 692 15	2 16%	115 704 55	2 42%	129 631 95	13 027 40	
310.00		LUUL	Total Ghent Unit 4	333,643,922,85	2.16%	7.206.708.74	2.56%	8.530.041.79	1.323.333.05	
			Ghent 4 Rail Cars							
843.00	6850	2022	Peller Diget Equipment	7 647 000 10	4 609/	261 007 06	1.009/	150 470 00	(100 000 04)	
312.00	3038	2032	Total Ghent 4 Rail Cars	7,647,232.19	4.59%	351,007.96	1.99%	152,179.92	-198,828.04)	
			Total Steam Production	1,473,314,481.38	2.76%	40,695,551.05	2.80%	41,300,616.82	605,065,77	
			HYDRAULIC PLANT							
			Dir Dem							
330.10	5691	2022	Land Rights	879,311.47	1.59%	13,981.05	0.00%	0.00	(13.981.05)	
331.00	5691	2022	Structures and Improvements	429,524,71	1.59%	6.829.44	1.64%	7.044.21	214 77	
332.00	5691	2022	Reservoirs, Dams and Waterways	7.818.030.36	1 59%	124,306,68	1 28%	100 070 79	(24 235 89)	
333.00	5601	2022	Watenwheel Turbines and Generator	418 543 74	1 5996	6 854 85	0.00%	0.00	(L4,200 00)	
333.00	6601	2022	Accessory Electric Equipment	85 383 13	1 50%	1 357 50	2 741	2 102 22	10,004.00)	
334.00	3091	2022	Accessory Electric Equipment	03,003.13	1.50 %	1,007.05	0.74%	5,195.55	1,835.74	
335.00	5691	2022	MISC. Power Plant Equipment	97,031.59	1,597	1,542.80	2.19%	2,124.99	582.19	
336.00	5691	2022	Roads, Railroads and Bridges	46,976.12	1.59%	746.92	0.68%	319.44	(427.48)	
			Total Dix Dam	9,774,801.12	1.59%	155,419.33	1.15%	112,752.76	-42,666.57	
			1 005 #7							
100 10	5600	2002	LOCK #/	0.00	2400	0.00	0.000	0.00		
330.10	5692	2003	Lano rognis	00.0	2.40%	0.00	0.00%	0,00	0.00	
331.00	5692	2003	Structures and Improvements	67,902.49	2.46%	1,670.40	4 58%	3,109.93	1,439.53	
332.00	5692	2003	Reservoirs, Dams and Waterways	324,145.88	2.46%	7,973.99	7.49%	24,278.53	16,304.54	
333.00	5692	2003	Waterwheel, Turbines and Generator	114,085.49	2.48%	2,806.50	0.00%	0.00	(2,806.50)	
334.00	5692	2003	Accessory Electric Equipment	264,485.91	2.46%	6,506.35	6.38%	16,874.20	10,367.85	
335.00	5692	2003	Misc, Power Plant Equipment	66.094.89	2 46%	1.625.93	6,98%	4 613 42	2 087 40	
336.00	5692	2003	Roads, Railmads and Bridges	1 169 79	246%	28 78	5 30%	63.05	2,007.40	
330.00	JUJE	2000	Total Lock #7	837 AR4 45	248%	20 611 05	5 84%	48 030 12	34.21 38 337 49	
				00,100,100	F.40 19	20,011.30	5.04 /8	40,939.13	20,321.18	
			Total Hydraulic Plant	10,812,685.57	1.65%	176,031.28	1.52%	161,691.89	-14,339.39	

Kentucky Utilities Electric Division

Summary or Original Cost of Utility Plant In Service as of December 31, 2002 and Related Annual Depreciation Expense (By Plant Site) Under Present and Proposed Rates

		Ombobie		Orleinal	Dree	ent Poter	Droo	need Rotes	Not
Account	Location	Probable	1 21	Cost	<u>F185</u>	Annual	FIOP	Annual	Change
Account	Code	Dote	Description	12/31/02	Rate %	Accual	Rate %	Access	Denr Exn
<u>NQ.</u>	e	Date	(b)	(c)	(d)	(e)	(f)	(0)	(b)
(4)			(0)						
			ATUER PRODUCTION DI ANT						
			OTHER PRODUCTION PLANT						
12101012121			Paddy's Run GT 13	4 040 007 70	0 400/	CE 804 04	4 4 704	70 000 07	
341.00	0432	2031	Structures and improvements	1,910,327.70	3.43%	67,724.24	4.17%	79,000.07	14,130 43
342.00	0432	2031	Puel Holders, Producers and Access.	1,910,811,90	3 43%	60,110.04	3.90%	77,003.14	9,287.10
343.00	0432	2031	Concentors	5 185 636 11	3 43%	177 887 32	3.60%	186 682 00	8 915 59
344.00	0432	2031	Accessory Electric Environment	2 458 320 01	3 43%	84 251 78	3.36%	82 532 35	(1 719 43)
346.00	0432	2031	Misc. Power Plant Equipment	1 089 550 03	3 43%	37 371 57	4 15%	45 216 33	7 844 78
340.00	0402	2001	Total Paddy's Run GT 13	29,973,105.33	3.43%	1,028,077.52	3.91%	1,170,573.72	142,498.20
			1919276252 - 196020 - 10						
			Trimble Co 5						
341.00	0470	2032	Structures and Improvements	3,566,217,06	3.43%	122,321.25	4.12%	146,928,14	24,606 89
342.00	0470	2032	Fuel Holders, Producers and Access.	237 747 79	3.43%	8,154.75	5.51%	13,099.90	4,945,15
343.00	0470	2032	Prime Movers	29,842,502.10	3,43%	1,023,597.82	4.03%	1,202,652,83	179.055.01
344.00	0470	2032	Generators	3,734,423.83	3.43%	128,090.74	3.80%	141,908.11	13,817,37
345.00	0470	2032	Accessory Electric Equipment	1,664,234,64	3 43%	57,083.25	3.41%	56,750.40	(332.85)
2			Total Trimble Co 5	39,045,125.42	3.43%	1,339,247.81	4.00%	1,561,339.38	222,091.57
			Trimble Co 6						
341.00	0471	2032	Structures and Improvements	3,564,353.91	3 43%	122,257.34	4.12%	146,851.38	24,594.04
342.00	0471	2032	Fuel Holders, Producers and Access.	237,823.60	3.43%	8,150.49	5.52%	13,116.82	4,966.33
343 00	0471	2032	Prime Movers	29,826,880.91	3.43%	1,023,062.02	4.03%	1,202,023.30	178,961.28
344.00	0471	2032	Generators	3,732,468.71	3.43%	128,023.68	3.80%	141,833 81	13,810,13
345.00	0471	2032	Accessory Electric Equipment	1,663,365.15	3.43%	57,053.42	3.41%	56,720.75	(332.67)
			Total Trimble Co 6	39,024,692.28	3.43%	1,338,546,95	4.00%	1,560,548.06	221,999.11
			Trimble Co Bineline						
040.00	0473	2022	Tamble Co Bineline	4 474 853 28	3 438	152 487 47	4 208	100 419 60	30 031 33
342.00	0473	2032	Trimble Co Pipeline	4,474,853.28	3.43%	153 487 47	4.30%	192,418,69	38 931.22
									00,001,111
			Brown 5						
341.00	5635	2031	Structures and Improvements	755,148,65	3.43%	25,901,60	4.30%	32,471,39	6 569 79
342.00	5635	2031	Fuel Holders, Producers and Access,	727.929.28	3.43%	24,967,97	4.04%	29.408.34	4 440 37
343.00	5635	2031	Prime Movers	12,440,942.32	3.43%	426,724.32	4.03%	501,369,98	74.645.66
344.00	5635	2031	Generators	2,831,528,33	3.43%	97,121,42	3.73%	105,616,01	8,494,59
345.00	5635	2031	Accessory Electric Equipment	2,265,156.84	3.43%	77,695,22	3.27%	74.070.96	(3 624 26)
346.00	5835	2031	Misc. Power Plant Equipment	2,085,163.17	3.43%	71,521.10	4.13%	86,117,24	14,596,14
			Total Brown 5	21,105,878.59	3.43%	723,931.63	3.93%	829,053.92	105,122.29
8 (222)			Brown 6				100000000	<u>177212</u> 1233 - 335	
341.00	5636	2028	Structures and Improvements	133,678.33	3.39%	4,531.70	7.73%	10,333.33	5,801.63
342.00	5636	2028	Fuel Holders, Producers and Access.	146,514.66	3.39%	4,966.85	5.27%	7,721.32	2,754.47
343.00	5636	2028	Prime Movers	31,591,711.55	3.39%	1,070,959.02	4.12%	1,301,578.52	230,619,50
344.00	5636	2028	Generators	3,712,619.52	3.39%	125,857.80	3.89%	144,420.90	18,563.10
345.00	5636	2028	Accessory Electric Equipment	1,354,816.11	3 39%	45,928.27	3.56%	48,231.45	2,303.18
346.00	5636	2028	Misc. Power Plant Equipment	18,003.82	3.39%	610.33	6.06%	1,091.03	480.70
			Total Brown 6	36,957,343.99	3.39%	1,252,853,97	4.09%	1,513,376.55	260,522.58
			_						
	6007	2020	Brown 7	488 252 77	3 2014	18 018 00	6 100V	75 200 70	0 070 75
341.00	503/	2029	Suddard Drylupers and Access	145 745 45	3 200	4 700 44	0.10%	23,296.73	9,278,73
342.00	503/	2028	Fuel nutuers, Froducers and Access.	30 071 447 64	3.207	4,/60.44	4.054	9,002.90	4,882.46
343.00	503/	2029	Generator	3 773 700 40	3.2076	100 400 40	9.00%	120 076 05	300,850.15
344.00	203/	2029	Accessor Clastic Estimant	1 347 700 25	3.20%	122,107.40	3.70%	139,970.85	17,869.39
345.00	2037	2029	Mice Device Diget Equipment	1,347,700.35	3.20%	44,204.01	3.44%	40,360.89	2,156.32
346.00	2037	2029	Total Brown 7	10,110.04	3.20%	317,47	4 02%	349./5	432.28
				10.110,011.01	J.LQ /0	1,700,111,72	- V370	1,004,040,70	333,409,33

Kentucky Utilities Electric Division

Summary or Original Cost of Utility Plant in Service as of December 31, 2002 and Related Annual Depreciation Expense (By Plant Site) Under Present and Proposed Rates

		Probable		Original	Pre	sent Rates	Prop	osed Rates	Net
Account	Location	Retiremen	ut see see	Cost	1221 0 1020	Annual		Annual	Change
No.	Code	Date	Description	12/31/02	Rate %	Accrual	Rate %	Accrual	Depr. Exp.
(2)			(b)	(C)	(d)	(e)	(†)	(g)	(h)
			8 mar 1						
	****	20.00	Brown a	2042654.05	3 510	70 844 10	2 608/	70 456 60	
341.00	5638	2029	Structures and improvements	2,012,034,93	3.51%	10,044.19	300%	F 082 80	1,811,39
342.00	5030	2029	Prime Movers	18 625 310 58	3 51%	653 748 72	3 50%	S51 898 10	0,290.40
343.00	5629	2029	Conortors	4 953 960 72	3.51%	173 884 02	2 08%	147 628 03	(1,002.00)
246.00	5638	2020	Accessoor Electric Equinment	1 797 053 82	3 51%	63 076 59	2 82%	50 676 02	(12 300 87)
343.00	5618	2029	Mise Dower Plant Equipment	230 068 72	3.51%	8 075 41	3 7294	8 558 58	(12,399.07)
340.00	3030	1025	Total Brown 8	27,638,670.67	3.51%	970,117.34	3.39%	937,189.17	-32,928.17
			Brown 9						
341.00	5639	2024	Structures and Improvements	4.641.054.86	3.39%	157.331.76	4.10%	190 283 25	32 951 49
342.00	5639	2024	Fuel Holders, Producers and Access,	1.943 454 44	3.39%	65,883,11	3.97%	77 155 14	11 272 03
343.00	5639	2024	Prime Movers	20.674.601.66	3.39%	700.875.78	4.12%	851,801,83	150 926 05
344 00	5639	2024	Generators	5 452.040.97	3.39%	184,824,19	3.59%	195 728 27	10 904 08
345.00	5639	2024	Accessory Electric Equipment	3,226,186,26	3.39%	109.367.71	3.38%	109.045.10	(322 61)
346.00	5639	2024	Misc. Power Plant Equipment	760,255,37	3 39%	25,772.66	4.18%	31 778 67	6 006 01
0.00			Total Brown 9	36,697,793.56	3.39%	1,244,055.21	3.97%	1,455,792.26	211,737.05
			Brown 10						
	5040	2025	Brown Tu	1 BCE 740 00	3 489/	84 008 00	4 348	80 440 45	45 485 40
341.00	5040	2025	Subcures and Improvements	1,000,718.20	3.407	04,920.99	4,317	50,412.45	15,485.46
342.00	5640	2025	Puer Holders, Producers and Access.	18 800 006 60	3.407	1,104.40 REA 242.20	23.33%	770 602 07	P'588'88
343.00	5640	2025	Conceptor	4 944 422 71	3.48%	172 065 01	3 689/	181 064 76	118,440.61
344.00	5040	2025	Accessos Electric Equipment	1 804 410 47	3.48%	62 703 80	3.00 %	61,934,70	9.000.00
345.00	5840	2025	Mice Bower Dtant Equipment	241 523 31	3.40%	9 405 01	4 20%	10 802 87	(/21.//)
340.00	3040	2025	Total Brown 10	27,687,918.34	3.48%	963,539.55	4 03%	1,115,130.55	151,591.00
		A ANDRESS AND A	Brown 11						
341.00	5641	2025	Structures and Improvements	1,802,595.65	3.55%	63,992.15	4.47%	80,576.03	16,583.88
342.00	5641	2025	Fuel Holders, Producers and Access.	52,429.84	3.55%	1,861.26	15.66%	8,210.51	6,349.25
343.00	5641	2025	Prime Movers	33,050,028.28	3.55%	1,173,278.00	4.40%	1,454,201.24	280,925.24
344.00	5641	2025	Generators	5,187,040.30	3.55%	184,139.93	3.79%	196,588.83	12,448.90
345.00	5641	2025	Accessory Electric Equipment	916,326.28	3.55%	32,529.58	3.70%	33,904.07	1,374.49
346.00	5641	2025	Misc. Power Plant Equipment	204,854.53	3.55%	7,272.34	4.52%	9,259.42	1,987.08
			Total Brown 11	41,213,274.88	3.55%	1,463,071.26	4.33%	1,782,740.10	319,668.84
			Brown 9 Pipeline						
340.10	5645	2031	Land Rights	176,409.31	3.39%	5,980.28	1.66%	2,928.39	(3.051.89)
342.00	5645	2031	Fuel Holders, Producers and Access.	8,151,131.81	3.39%	276,323.37	4.56%	371,691.61	95,368,24
			Total Brown 9 Pipeline	8,327,541,12	3.39%	282,303.65	4.50%	374,620.00	92,316.35
			Hafeling						
341 00	5695	2005	Structures and Improvements	434 853 46	0.00%	0.00	12 639	54 021 00	54 021 00
342.00	5696	2005	Fuel Holders Producers and Access	181 132 61	0.00%	0.00	7 04%	12 761 74	10 754 74
244.00	5606	2005	Generatore	4 023 002 37	0.00%	0.00	2 859/	114 855 67	14,/01./4
345.00	5506	2005	Accessory Electric Equinment	621 208 80	0.00%	0.00	1 074	12 027 77	12 227 77
346.00	5606	2005	Misc Power Plant Fouinment	35 805 20	0.00%	0.00	5 879/	2,231.11	2,231.11
340,00	0600	2005	Total Hafelion	5 296 000 44	0.00%	0.00	3 740	2,101.77	2,101.77
			rota nalenty	0,200,000,44	0.00%	0.00	3.71%	190,008.84	190,008.84
			Total Other Production Plant	362,234,009.71	3.38%	12,228,403.78	4.00%	14,494,089.99	2,265,686,21

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Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

Account <u>No,</u> (a)	Description . (b)	Original Cost <u>12/31/02</u> (c)	Estima • <u>Net</u> 	ated Future Salvage Amount (e)	Original Cost Less <u>Salvage</u> (1)	Book Depreciation <u>Reserve</u> (g)	Net Original Cost Less Salvage (h)	A.S.L./ Survivor <u>Curve</u> (i)	Average Remaining Life (i)	Annual Depreciation Accrual (k)	Annual Deprecation <u>Rate</u> (I)
	DEPRECIABLE PLANT						·				
	STEAM PLANT										
311.00	Structures and Improvements	154,711,332.22	-14.4%	-22,278,431.84	176,989,764.06	119,979,591,98	57.010.172.08 (1)	90-S1.5	21.1	2,701,903,89	1.75%
312.00	Boiler Plant Equipment	1,024,872,088.49	-9.0%	-92,238,487.96	1,117,110,576.45	478,215,496.00	638,895,080,45 (1)	70-L1.5	19.6	32,596,687,78	3.18%
314.00	Turbogenerator Units	191,722,845.06	-10.1%	-19,364,007.35	211,086,852.41	127,644,966.20	83,441,886.21 (1)	60-S1.5	20.1	4,151,337.62	2.17%
315.00	Accessory Electric Equipment	81,289,114.47	-9.3%	-7,559,887.65	88,849,002.12	58,564,628.73	30,284,373.39 (1)	75-S2	22.9	1,322,461.72	1.63%
316.00	Miscellaneous Power Plant Equipment	20,719,081.14	-2.3%	-476,538.87	21,195,620.01	10,449,909.86	10,745,710.15 (1)	60-S1	20.6	521,636.42	2.52%
	Total Steam Production Plant	1,473,314,461.38	-9.6%	-141,917,353.67	1,615,231,815.05	794,854,592.77	820,377,222.28			41,294,027.43	2.80%
	HYDRAULIC PLANT										
330.10	Land Rights	879,311.47	0.0%	0.00	879,311.47	879,311.47	0.00	50-R2.5	7.8	0.00	0.00%
331.00	Structures and Improvements	497,427.20	-14.5%	-72,126.94	569,554.14	397,997.88	171,556.26 (1)	140-L1	16.9	10,151.26	2.04%
332.00	Reservoirs, Dams and Waterways	8,142,176.24	-0.2%	-16,284.35	8,158,460.59	5,927,893.37	2,230,567.22 (1)	150-L1.5	17.9	124,612.69	1.53%
333.00	Waterwheel, Turbines and Generators	532,629.23	-22.5%	-119,841.58	652,470.81	652,592.49	-121.68 (1)	150-L1.5	14.5	-8.39	0.00%
334.00	Accessory Electric Equipment	349,869.04	-8.0%	-27,989.52	377,858.56	315,637.89	62,220.67 (1)	55-L1	3.1	20,071.18	5.74%
335.00	Miscellaneous Power Plant Equipment	163,126.48	-2.3%	-3,751.91	166,878.39	108,298.12	58,580.27 (1)	55-R3	8.7	6,733.36	4.13%
336.00	Roads, Railroads and Bridges	48,145.91	0.0%	0.00	48,145.91	42,173.02	5,972.89 (1)	80-R5	15 6	382.88	0.80%
	Total Hydraulic Plant	10,612,685.57	-2.3%	-239,994.30	10,852,679.87	8,323,904.23	2,528,775.64			161,942.99	1.53%
2	OTHER PRODUCTION PLANT										
340.10	Land Rights	176,409.31	0.0%	0.00	176,409.31	49,181.12	127,228.19	50-R2.5	43 9	2,898.14	1.64%
341.00	Structures and Improvements	21,174,956.60	-9.3%	-1,969,270.96	23,144,227.56	3,088,998.33	20,055,229.23 (1)	45-R0.5	21.8	919,964.64	4,34%
342.00	Fuel Holders, Producers and Accessory	18,325,891.25	-19,6%	-3,591,874.69	21,917,765.94	3,253,075.18	18,664,690.76 (1)	55-R1	22.6	825,871.27	4.51%
343.00	Prime Movers	251,279,024.10	-1.7%	-4,271,743.41	255,550,767.51	28,681,301.92	226,869,465.59 (1)	40-R0.5	22.2	10,219,345.30	4.07%
344.00	Generators	47,479,932.03	-9.8%	-4,653,033.34	52,132,965.37	11,415,853.11	40,/1/,112.26 (1)	42-R5	24.0	1,090,040.34	3.5/%
345.00	Accessory Electric Equipment	19,116,795.73	-2.8%	-535,270.28	19,052,000.01	3,2/1,/34./1	10,360,331.30 (1)	40-100	25.5	105 752 02	3.30%
340.00	Miscellaneous Power Plant Equipment	4,001,000.09	-1.3%	-60,653.01	4,741,653.70	552,760.39	4,109,093.31 (1)	30-R1	21.4	185,752.02	4.1078
	Total Other Production Plant	362,234,009.71	-4.2%	-15,082,045.69	377,316,055.40	50,312,904.75	327,003,150.65			14,502,743.65	4.00%
	TRANSMISSION PLANT										
350.10	Land Rights	22,991,433.46	0%	0.00	22,991,433.46	12,941,528.70	10,049,904.76	50-R2.5	22.9	438,860.47	1.91%
	Structures and Improvements										
352.10	Struct. and Improve Non Sys. Control/Com.	6,426,546.76	-25%	-1,606,636.69	8,033,183.45	3,333,642.20	4,699,541.25	45-R3	28.0	167,840.76	3 2.61%
352.20	Struct. and Improve Sys. Control/Com.	1,166,434.25	-25%	-291,608.56	1,458,042.81	693,961.91	764,080.90	40-R3	19.1	40,004.24	3.43%
	Total Account 352	7,592,981.01	-25.0%	-1,898,245.25	9,491,226.26	4,027,604.11	5,463,622.15			207,844.99	2.74%
	Station Equipment							-			
353.10	Station Equipment - Non Sys. Control/Com.	146,527,337.37	-15%	-21,979,100.61	168,506,437.98	55,262,160.21	113,244,277.77	50-R2.5	34.0	3,330,714.05	2 27%
353,20	Station Equip - Sys.Control/Com. (Microwave) Total Account 353	14,284,914.20 160,812,251.57	-10% -14.6%	-1,428,491.42 -23,407,592.03	15,713,405.62 184,219,843,60	8,038,391.66 63,300,551.87	7,675,013.96 120,919,291.73	15-R3	7.1	1,080,987.88 4,411,701.93	
											nas

Table 2

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Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

Construct Construct Construct Construct Construct Construct Survivor Remaining Depreciation Construct Early and the procession 00	4		Original	Estima	ated Future	Original	Book	Net Original	A.S.L./	Average	Annual	Annual
No. Description 123/102_1 5. Amount Salvage Curve Lis Account Rate 00	Account		Cost	Net	Salvage	Cost Less	Depreciation	Cost Less	Survivor	Remaining	Depreciation	Deprecation
(b) (b) (b) (c) (c) <th>NO.</th> <th>Description</th> <th>12/31/02</th> <th>_%</th> <th>Amount</th> <th>Salvage</th> <th>Reserve</th> <th>Salvage</th> <th>Curve</th> <th>Life</th> <th>Accrual</th> <th>Rate</th>	NO.	Description	12/31/02	_%	Amount	Salvage	Reserve	Salvage	Curve	Life	Accrual	Rate
354:00 Towers and Fixtures 60,533,46,11 -60% -30,320,76-47 96,833,845,83 31,918,741,18 57,666,504,09 45,72,82 32,2 1,728,947,60 2,87%, 355:00 Poise and Fixtures 122,030,095,22 -7% +01,522,710,14 21,552,636,6 67,459,803,12 122,005,695,4 50-R3 29,9 4,217,222,86 3,46%, 350:00 Underground Conduitors and Devices 1,114,761,90 -2% -222,852,38 1,337,714,28 610,385,26 727,329,02 30-R3 15,4 47,228,16 4,24% 50:10 Land fixing 1,114,761,90 -2% -222,852,38 1,337,714,28 610,385,26 727,329,02 30-R3 15,4 47,228,16 4,24% 50:10 Land fixings 1,723,94,720,21 -40% -188,320,999,49 648,747,447,23 249,34,510,47 399,383,38,76 13,855,452,3 3,09% 50:10 Land fixings 17,753,92,124,11 75,66,027,62 50,422,77 50,422,77 50,422,77 50,422,77 50,422,77 50,422,77 50,422,77,32,30 50,47,53,73 50,47,53,73 50,47,53,73 50,47,53,73 50,47,53,73 <t< td=""><td>(9)</td><td>(6)</td><td>(c)</td><td>(d)</td><td>(0)</td><td>(1)</td><td>(g)</td><td>(h)</td><td>(1)</td><td>()</td><td>(k)</td><td>(1)</td></t<>	(9)	(6)	(c)	(d)	(0)	(1)	(g)	(h)	(1)	()	(k)	(1)
355.00 Poles and Fixtures 74,315,940.37 -40% -44,49,944,22 110,845,504.554 112,232,29 43,82,25 28,0 2,729,738,88 3,72% 350.00 Overhead Conductors and Devices 122,036,680,694 50,743 39,24 43,035,46 50,473 39,2 48,77,42,218 3,46%, 350.00 Underground Conductors and Devices 1,114,711,00 -20% -22,295,233 1,33,714,22 24,94,81,34 346,035,46 50,473 39,2 8,77,712,22,18 4,24%, Total Transmission Plant 450,428,847,74 -44.0% -199,320,399,49 648,747,847,23 240,364,510,47 399,383,38,76 13,856,452,38 3,08%, DISTRIBUTION PLANT 3100 50,714,813 0% 0,00 1,423,182,13 920,753,34 502,428,79 50,422,5 3,4 0,054,77 2,16%, 360.00 Structures and Improvements 3,778,320,41 -95,676,700,41 4,389,817,843,807,72,219,714,41 4,050 50,971,53,34 502,428,79 50,872,5 3,64 00,543,77 2,16%,303,70 50,871,53,734 72,930,937,95 50,871,53,735,737,721,757,721,727,727,721,727,727,727,727,727,72	354.00	Towers and Fixtures	60,533,459.11	-60%	-36,320,075.47	96,853,534.58	39,186,874.18	57,666,660.40	55-R4	33.2	1,736,947.60	2.87%
358.00 Overhead Conductors and Devices 122.030,093.52 -75% -91,522,370.14 212.528,568.66 67,458,003.12 122.005,800.54 50,R3 28.9 4,217,222,88 3,487,46 350.00 Underground Conductors and Devices 1,114,761.90 -20% -222.2952.33 1,337,714.28 610,385.26 727,732.90.2 30,R3 15,4 47,229.16 4,24% 350.00 Underground Conductors and Devices 1,114,761.90 -20% -222.2952.33 1,337,714.28 610,385.26 727,732.90.2 30,R3 15,4 47,229.16 4,24% 300.10 Land Rights 1,423,182.13 0% 0.00 1,423,182.13 920,753.34 502,428.79 50-R2.5 21.9 22.941.95 1.61% 301.00 Structures and Improvements 3,789,329.41 -15% -569,748.41 4,380,768.2 1,048,768.27 23.07,43.30 50-R1.5 30.7 72.99,403.7 22.294.185 1.61% 302.00 Station Enginnent 0,215,408.92 -05% +21,7200.04 220,774.33.0 70-R2.5 21.9 2.08,41.87,12 2.08,41.87,12 2.08,41.81 2.04,48,72 2.08,43.87	355.00	Poles and Fixtures	74,915,940.37	-60%	-44,949,564.22	119,865,504.59	41,752,871.90	78,112,632.69	43-R2.5	28.0	2,789,736.88	3.72%
357.00 Underground Conductors and Devices 1,114,776190 -2.0% -2.22,952.38 1,337,714.28 610,385,268.07 392,287,202 30.R3 39.2 8,878.46 2,24% Total Transmission Plant 450,426,847,74 -44.0% -196,320,998.49 648,747,847.23 249,364,510.47 399,383,336.76 13,854,462,38 3,09% DISTRIBUTION PLANT 14,23,182.13 0% 0.00 1,423,182.13 502,753,34 502,428,79 50-R2.5 2.19 22,941,95 1,61% 361.00 Structures and Improvements 3,798,329,41 1,5% -569,744,14 -388,078,42 1,433,302 72,940,037,95 50-R2,5 2.19 22,941,95 1,61% 362.00 Station Equipment 92,514,069,32 -10% -9,251,406,93 107,175,478,25 28,771,438,302 72,940,037,95 50-R2,5 2.19 22,941,95 3,64% 365.00 Overhead Conductors and Devices 160,511,631,53 -49,774,743,857,22 29,715,747,43 30 72,949,037,95 50-R2,5 2.19 2,294,185 3,64% 367.00 Underground Conduit 1,55,514,640,71 34,804,074 74,857,22	356.00	Overhead Conductors and Devices	122,030,093.52	-75%	-91,522,570.14	213,552,663.66	87,456,803.12	126,095,860.54	50-R3	29.9	4,217,252.86	3.46%
358.00 Underground Conductors and Devices 1,114,761.90 -20% -222,952.38 1,337,714.28 610,385.26 727,326.02 30R3 15.4 47,229.16 4,24% Total Transmission Plant 450,426,847.74 -44.0% -196,320,999.49 648,747,847.23 249,364,510.47 399,383,336.76 13,858,452.38 3,08% DISTRIBUTION PLANT 300.00 1,423,182.13 000.00 1,423,182.13 502,753.34 502,428.79 50-R2,5 31.4 605,435.77 2,18% 361.00 Structures and Improvements 3,798,329.41 -15% -569,740.41 4,388,078.82 1,438,235.67 2,293,733.20 50-R2,5 31.4 605,345.77 2,294,135 2,294,135 3,44% 605,307 50-R7,15,340 7,294,047,95 50-R7,15,343 7,929,047,95 50-R7,15,340 7,929,047,95 50-R7,15,347 40,548,447 30-8,33 3,44 60,30,37 3,24 8,33,20 2,294,135 3,244 3,230 1,23,155,15 3,24 1,23,21,17,13 41,22,182,13 40,20,753,34 7,292,745 50,50,414,11 4	357.00	Underground Conduit	435,926.80	0%	0.00	435,926.80	87,891.34	348,035.46	50-R3	39.2	8,878.46	2.04%
Total Transmission Plant 450,426,847.71 44.0% -198,230,299.49 648,747,847.23 249,346,510.47 399,383,38.70 13,858,452.36 30,8% DISTRIBUTION PLANT 0 1423,182.13 -15% -569,748.41 4,986,078.82 1,436,285.62 2,931,783.20 50-R2.5 30,4 80,543,77 2,294,195 300.00 Structures and Improvements 3,778,329.41 -15% -569,748.41 4,986,078.82 1,436,285.62 2,931,783.20 50-R2.5 30,4 80,543,77 2,294,195 302.00 Overrhead Conductors and Devices 180,511,831.53 45% -72,220,224.19 829,715,77,74 77,567,718 41,723,82,72 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,22 25,847,885,23 24,938,451,047 24,938,42,23 25,847,885,22 25,847,885,22 25,847,885,23 25,847,885,23 25,847,885,23 25,847,885,23 25,847,885,23 25,847,885,23 25,847,885,23 25,847,885,23 25,847,885,23 <	358.00	Underground Conductors and Devices	1,114,761.90	-20%	-222,952.38	1,337,714.28	610,385.26	727,329.02	30-R3	15.4	47,229.16	4.24%
DISTRIBUTION PLANT 360.10 Land Rights 1,423,182.13 0% 0.00 1,423,182.13 620,753.34 502,283.79 50-R2.5 3.6 22,941,95 1,61% 361.00 Structures and Improvements 3,768,329.41 -15% -569,749.41 4,368,078.62 2,971,438.30 72,994,037.95 50-R2.5 3.6 405,643.72 2.2841,085 3.768,328.41 -0.285 -2.12% 5.214,065,246.25 2.971,438.30 72,994,037.95 50-R2.5 3.6 405,642.20% -0.296 60,012.81.52 3.54% -72,230,2341,065.72 255,855,157,75 70,771,63.36 70,996,02.0 916,550,370 50-R2.5 3.18,87,2 3.24% 3.18,87,2 3.24% 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.44% 3.18,37 3.18,37 3.44,37,45 3.38 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37 3.18,37		Total Transmission Plant	450,426,847.74	-44.0%	-198,320,999.49	648,747,847.23	249,364,510.47	399,383,336.76			13,858,452.36	3.08%
360.10 Land Rights 1.423,182,13 0% 0.00 1,423,182,13 920,753,34 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,428,79 502,412,73,20 502,428,79 502,412,73,20 502,428,79 502,412,73,20 502,428,79 502,412,73,20 502,421,73 502,412,18,72 3,329,444 502,412,18,72 3,329,444 502,412,18,72 3,329,444 502,412,18,72 3,324,44 502,412,18,72 3,244,418,72 3,244,418,72 3,249,418,72 3,244,418,72 3,249,418,72 3,244,418,72 3,204,713,340,444,76,711,83 41,42,58,711,83,444,76 30,438,57 42,50,20,75,53,44 30,438,57 42,50,53,36,84,93 3,145,72,23,222,22 14,453,50,27,75,54,54,66,57 15,51,50,50,51,71 2,469,203,22,40,75,53,44,71,72,21,72,41,72,71,43,30 41,403,560,56 3,04,87,71,84,48,75 30,438,57 42,50,53,36,48,57 30,48,71,84,84,71,72,21,224,14,18,72,30,22,76 30,453,71,45,75,53,46,65,51,75,71,44,168,49,450 3,04,20,75,53,44,14,13,22,20,30,276 50,51,51,51,71 11,31,33,54,90 3,04,20,75,51,44 27,75,99,44,83 3,111% 50,480,45,1 1,104,680,49,65,55,77,55,44,45,51,		DISTRIBUTION PLANT										
361:00 Structures and Improvements 3,793.329 41 -5667.441 4,386.078.62 1,436.265.62 2,291,793.20 50-R2.5 36.4 80,543.77 2.12% 362.00 Station Equipment 9,251,406.33 -10% 9,251,406.33 107,165,476.25 28,771,433.07 72,984,075 50-R1.5 37.9 80,079,55 50-R2 28.2 520,4158.02 23.2 520,4158.02 28.2 520,4158.02 28.2 520,4158.02 28.2 520,4158.02 28.2 520,4158.02 28.2 520,4158.02 28.2 520,4158.02 28.0 51,87.79 146,756,711.93 41.82 28.2 520,4158.02 28.0 1,803,02.02 50,816.50.21 71,82,308.57 41,85.57 49,84,846.79 30-R3 28.0 1,803,02.02 50,244.285.5 30.8 51,87,350.17 2.448% 380.00 Underground Conductors and Devices 61,80,00.54 40% 32,072,322.02 52,944.285.5 11,756,946.23 30-R3 18.9 33,80,20 51,87,350.17 2.448% 30,403.93 30-R3 18.9 33,80,20 51,87,350.17 2.448% 30,418.1 1,822,417,63.33 30,480.96 <td>360.10</td> <td>Land Rights</td> <td>1,423,182.13</td> <td>0%</td> <td>0.00</td> <td>1,423,182.13</td> <td>920,753.34</td> <td>502,428.79</td> <td>50-R2.5</td> <td>21.9</td> <td>22,941.95</td> <td>1.61%</td>	360.10	Land Rights	1,423,182.13	0%	0.00	1,423,182.13	920,753.34	502,428.79	50-R2.5	21.9	22,941.95	1.61%
362.00 Station Equipment 92.514.009.32 -1.0% -9.2.51.406.33 101.765.476.25 28.771.433.30 72.994.037.95 50-R1.5 37.9 1.925.964.06 2.08%, 366.00 Poles, Towers and Fixtures 167.556.546.66 -55% -92.157.200.64 259.715.742 67.287.276 162.18.719.41 40-S0 20.9 6.001.511.52 3.44%, 366.00 Underground Conduitors and Devices 14.964.08.20 -155.168.67 1.707,183.30 790.660.20 916.503.07 50-R3 2.8 31.822.02 2.04%, 367.00 Underground Conduitors and Devices 49.64.08.20 -5% -2.440.203.20 52.242.665.7 11.55.04.640.75 30.8 1.107.134.045.143.446.73 30-R3 1.89 3.386.18.09 3.147%, 36.900 Scrivess 31.680.93.05.4 40% -2.037.05.20.175.344.07 155.440.86.57 43.306.276 44.98 3.08 1.180.94.08.57 32.8 1.89 3.386.18.0 3.147%, 33.08.78 31.822.02 2.05%, 37.30 1.448.97.65 2.05%, 37.30 1.468.93.08.0 1.182.10.80.07.75.31.44 4.4-R1 32.2 1.344.977.65 2.05%, 37.	361.00	Structures and Improvements	3,798,329.41	-15%	-569,749.41	4,368,078.82	1,436,285.62	2,931,793.20	50-R2.5	36.4	80,543.77	2.12%
364.00 Poles, Towers and Fixtures 167,568,546.62 -55% -92,175,742,26 77,587,027,85 182,128,719,41 40-50 29.9 6,091,261,52 3.44% 385.00 Overhead Conductors and Devices 160,511,631,53 46% -72,230,234,19 232,741,865,72 85,985,153,79 146,756,711,93 41,82 28.5 5,204,138,72 3.24% 386.00 Underground Conductors and Devices 49,04,085,26 -5% -2,409,032,8 52,244,266,52 11,750,621,73 40,543,646,77 30-83 23.8 1,698,368,80 3.41% 386.00 Erransformers 209,705,230,07 50% -20,870,533,041,91 64,199,368,07 50,844,38,72 42,805,50 30-83 1,82,27,19,41 40,50 29.9 6,091,261,52 3.24% 386.00 Underground Conductors and Devices 49,040,085,26 -5% -2,070,520,30 50,244,265,52 11,750,621,73 40,543,862,72 42,805,50 30,8 71,823,302,804,46 44,481,32,2 14,497,65 22,20% 31,497,65 22,20% 31,497,65 22,20% 31,497,65 22,20% 31,497,65 15,449,476 32,44,149,76 52,20% 32,441,47	362.00	Station Equipment	92,514,069.32	-10%	-9,251,406.93	101,765,476.25	28,771,438.30	72,994,037.95	50-R1.5	37.9	1,925,964.06	2.08%
365 00 Overfread Conductors and Devices 160,511,631,53 45% -77,230,234,19 232,741,857,2 85,985,153.79 148,756,711,93 41,422 28,2 5,204,138,72 23,25% 365 00 Underground Conductors and Devices 49,804,065,26 -5% -24,990,032,26 52,224,266,52 11,750,621,73 40,543,846,79 30,43 23,0 1569,866,03 30,43 23,0 1569,866,03 30,43 23,0 1569,866,03 30,43 23,0 1569,866,03 30,48 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,43 30,30,71 50,44 30,390,71,58 4,18,33,032,76 50,153,41,91 64,199,360,85 30,83 11,04,949,49 60,5% 371,00 Installations on Customers' Premises 16,270,173,30,23,49 17,224,755,03 43,308,200,48 44,41 32,2 1,344,971,68 2,46% 60,5% 31,31,201,75 10,70,303,599 1,703,035,99 3,75% 371,00 Mitalions on	364.00	Poles, Towers and Fixtures	167,558,546.62	-55%	-92,157,200.64	259,715,747.26	77,587,027,85	182,128,719.41	40-S0	29.9	6,091,261.52	3.64%
366 00 Underground Conduit 1,551 966,69 -10% -1551 966,67 1,707,163,36 790;60.29 916,503,07 50-R3 28.8 31,823,02 20.22 20,805,20 1,669,386,30 341% 367.00 Underground Conduitors and Devices 49,80,4055,28 52,244,2655,21 17,50,817,3 40,543,846,74 30,873 30,88 51,573,350,17 2,46% 369,00 Services 81,860,930,54 -40% -32,272,272,22 114,353,302,76 50,153,941,91 64,199,860,85 30,R3 18.9 3,398,260,64 44.R1 32,302,280,64 44.R1 32,22,39,75,55 30,8 51,57,350,17 2,46% 371.00 Installations on Customers' Premises 13,270,303,32 -5% -913,515,17 19,183,818,49 7,323,640,96 11,820,177,53 16-R0,5 10.7 1,104,889,49 6,05% 373.00 Street Lighting and Signal Systems 45,406,623,49 -26,4% -235,951,063.92 1,129,308,978,48 368,766,227,04 760,542,751,44 27,759,994,83 3,11% GENERAL PLANT Structures and Improvements 0,61,83,71914,56 -2	365.00	Overhead Conductors and Devices	160,511,631.53	-45%	-72,230,234,19	232,741,865.72	85,985,153,79	146,756,711.93	41-R2	28.2	5,204,138.72	3.24%
367 00 Underground Conductors and Devices 49,804,055,26 -5% -2,492,053,26 52,294,286.52 11,750,621,73 40,643,646,76 30-R3 23.9 1,669,386,80 3.41% 368,00 Line Transformers 209,705,2307 -10% -2,0970,523.00 230,675,753.84 71,823,386,87 158,846,385,27 42,650 30.8 31,650,130,17 2,46% 370,00 Meters 61,133,035,49 0% 0.00 61,133,035,49 17,823,785,03 43,306,220,48 44,4R1 32.2 1,14,497,65 2.20% 371,00 Installations on Customers' Premises 18,270,332,2 -5% -913,515,17 19,183,184,99 7,733,184,09,62.02 28-R1 20.9 1,703,095,99 3,75% 373.00 Streic Lighting and Signal Systems 45,406,623,49 -10% -4,540,682,35 49,947,285,84 14,352,579,64 35,594,706,20 28-R1 20.9 1,703,095,99 3,75% Total Distribution Plant 593,357,914,56 -26,4% -235,951,063,92 1,129,308,736,85 11,090,276,95 19,337,459,70 50-R1,5 38,3 504,894,51 1,74% Structures and Imp	366.00	Underground Conduit	1,551,966.69	-10%	-155,196.67	1,707,163.36	790,660.29	916,503.07	50-R3	28.8	31,823.02	2.05%
368.00 Line Transformers 209,705,230.76 -10% -20,970,523.06 230,675,753.84 71,823,686.57 158,640,385.27 42-S0.5 30.8 5,157,350.17 2.46% 369.00 Services 81,800,390.54 -40% -32,672,372.22 114,353,302.76 50,153,341.91 64,199,360.85 30.48 3.48 3.308,280.48 44-R1 32.2 1,344,977.65 2.20% 371.00 Installations on Customers' Premises 18,270,303.32 -5% -913,515.17 19,183,818.49 7,363,840.96 11,820,177.53 16-R0.5 10.7 1,104,489.49 6.05% 373.00 Installations on Customers' Premises 18,270,303.52 -5% -235,951,063.92 1,129,308,678.48 368,766,227.04 760,542,751.44 29 1,703,085.99 3.75% 380.10 Structures and Improvements Structures and Improvements 504,894.51 1.74% 30.436,738.65 11,099,276.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.10 Structures and Improvements Structures and Improvements 504,894.57 0%<	367.00	Underground Conductors and Devices	49,804,065.26	-5%	-2,490,203.26	52,294,268.52	11,750,621.73	40,543,646.79	30-R3	23.9	1,696,386.89	3.41%
369.00 Services 81,800,930.54 4.0% -32,672,372.22 114,353,302.76 50,153,941.91 64,199,360.65 30.83 18.9 3,339,71.58 4,16% 370.00 Meters 61,133,035.49 0% 0.00 61,133,035.49 17,824,755.03 43,308,280.48 44-R1 32.2 1,344,977.65 2.20% 371.00 Installations on Customers' Premises 18,270,303.32 -5% -913,515.17 19,183,81.89 7,308,4096 11,820,177.53 16-R0.5 10.7 1,104,869.49 6.05% 373.00 Street Lighting and Signal Systems 45,406,623.49 -10% 4,540,682.35 49,947,255.84 14,352,579.64 35,594,708.20 28-R1 20.9 1,703,095.99 3.75% Total Distribution Plant 893,357,914.56 -26.4% -235,951,063.92 1,129,308,978.48 366,766,227.04 760,542,751.44 27,759,984.83 3.11% Structures and Improvements 390.20 Improvements to Leased Property 69,468.17 0% 0.00 664,469.17 49,332.08 20,21251.00 3.981,707.48 15-L1 11.5 346,235.43 5.61%	368.00	Line Transformers	209,705,230.76	-10%	-20,970,523.08	230,675,753.84	71,829,368.57	158,846,385.27	42-S0.5	30.8	5,157,350.17	2.46%
370.00 Meters 61,133,035.49 0% 0.00 61,133,035.49 17,824,755.03 43,306,80.46 44-R1 32.2 1,344,977,65 2.20% 371.00 Installations on Customers' Premises 18,270,303.32 -5% -913,515.17 19,183,818.49 7,363,840.96 11,820,177.53 16-R0.5 10.7 1,104,689.49 6.05% 373.00 Street Lighting and Signal Systems 693,357,914.56 -26.4% -235,951,063.92 1,129,308,978.48 368,766,227.04 760,542,751.44 27,759,964.83 3.11% GENERAL PLANT Structures and Improvements 390.10 Struct. And Improve. To Owned Property 29,897,368.24 -5% -1,449,368.41 30,436,736.65 11,099,276.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.10 Struct. And Improvements 29,887,368.24 -5% -1,449,388.41 31,131,225.82 11,099,276.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.10 Struct. And Improver. To Owned Property 684,469.17	369.00	Services	81,680,930.54	-40%	-32,672,372.22	114,353,302.76	50,153,941.91	64,199,360.85	30-R3	18.9	3,396,791.58	4.16%
371.00 Installations on Customers' Premises 18,270,303.32 -5% -913,515,17 19,183,818.49 7,383,840.96 11,820,177.53 16-R0.5 10.7 1,104,689.49 6.05% 373.00 Street Lighting and Signal Systems 45,408,623.49 -10% -4,540,862.35 49,947,285.84 14,352,579.64 35,594,708.20 28-R1 20.9 1,703,095.99 3,75% Total Distribution Plant 893,357,914.56 -26.4% -235,951,063.92 1,129,308,978.48 368,766,227.04 760,542,751.44 27,759,964.83 3.11% GENERAL PLANT Structures and Improvements 390.10 Struct. And Improve. To Owned Property 28,987,368.24 -5% -1,449,368.41 30,436,736.65 11,099,278.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.20 Improvements to Leased Property 694,489.17 0% 0.00 694,489.17 493,238.08 201,251.09 20-R1 12.1 16,632.32 2.39% Office Furniture and Equipment 391.10 Office Equipment 6,168,471.98 0% 0.00 6,168,471.98	370.00	Meters	61,133,035.49	0%	0.00	61,133,035.49	17,824,755.03	43,308,280,46	44-R1	32.2	1,344,977.65	2.20%
373.00 Street Lighting and Signal Systems 45,406,623.49 -10% -4,540,662.35 49,947,285.84 14,352,579.64 35,594,706.20 28-R1 20.9 1,703,095.99 3,75% Total Distribution Plant 893,357,914.56 -26.4% -235,951,063.92 1,129,308,978.48 368,766,227.04 760,542,751.44 27,759,964.83 3,11% GENERAL PLANT Structures and Improvements 390.10 Structures and Improvements 28,887,368.24 -5% -1,449,368.41 30,436,738.65 11,099,276.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.20 Improvements to Leased Property 694,489.17 0% 0.00 664,489.17 493,238.08 201,251.09 20-R1 12.1 16,632.32 2.39% Office Funiture and Equipment 391.10 Office Funiture and Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,186,764.50 3,961,707.48 15-L1 11.5 346,225.43 5.61% 391.10 Office Equipment 6,168,471.98 0% 0.00 6,518,85.92 2,437,130.49 4,100,725.43	371.00	Installations on Customers' Premises	18,270,303,32	-5%	-913,515.17	19,183,818,49	7,363,640.96	11,820,177.53	16-R0.5	10.7	1,104,689.49	6.05%
Total Distribution Plant 893,357,914.56 -26.4% -235,951,063.92 1,129,308,978.48 368,768,227.04 760,542,751.44 27,759,964.83 3.11% GENERAL PLANT Structures and Improvements 390.10 Structures and Improvements 10 improvements to Leased Property Total Account 390 28,987,368.24 (94,489,17) -5% 044,489,17 -1,449,368.41 0% 30,436,736.65 31,131,225.82 11,099,276.95 11,592,515.03 19,337,459.70 201,251.09 20.R1 12.1 16,632.32 16,632.32 2.39% 2.39% 391.10 Office Fumiture and Equipment 391.30 6,168,471.98 Cash Processing Equipment Total Account 391 6,168,471.98 6,537,855.92 0,0% 0.00 6,168,471.98 2,487,765.99 3,981,707.48 119,017.95 15-L1 1.5 11.5 346,235.43 364,268.46 5.61% 3.657% 393.00 Stores Equipment Total Account 391 571,858.05 6,537,855.92 0.% 0.00 571,858.05 2,437,130.49 30-R3 4,100,725.43 17.9 12,232.43 3.64,268.46 2.18% 5.57% 393.00 Stores Equipment 3,306,885.77 3,00% 0.00 571,858.05 3,306,865.77 352,897.62 2,437,130.49 218,960.43 4,100,725.43 30-R3 30-R3 30-R2,5 17.9 12,232.43 3,21.4% 2.14% 3,306,865.77 395.00 Loboratory Equipment 3,306,865.77 3,006,	373.00	Street Lighting and Signal Systems	45,406,623.49	-10%	-4,540,682.35	49,947,285.84	14,352,579.64	35,594,706.20	28-R1	20.9	1,703,095.99	3.75%
GENERAL PLANT Structures and Improvements 390.10 Structures and Improvements funct. And Improve. To Owned Property 390.20 28,987,368.24 (694,489.17) Total Account 390 -5% 694,489.17 29,681,857,41 -1,449,368.41 0% -4.9% 30,436,736,65 694,489.17 31,131,225.82 19,337,459.70 493,238.08 201,251.09 50-R1.5 20.R1 38.3 12.1 504,894.51 16,632.32 1.74% 2.39% 391.10 Office Fumiture and Equipment 391.30 6,168,471.98 Cash Processing Equipment Total Account 391 6,168,471.98 6,537,855.92 0.00 0.00 6,168,471.98 6,537,855.92 2,186,764.50 2,437,130.49 3,981,707.48 4,100,725.43 15-L1 1.1.5 11.5 346,235.43 364,235.43 5.61% 364,268.46 393.00 Stores Equipment Total Account 391 571,858.05 6,537,855.92 0.0% 0.00 571,858.05 3,700,720.83 352,897.62 2,437,130.49 218,60.43 4,100,725.43 30-R3 30-R3 17.9 364,268.46 12,232.43 5,57% 393.00 Stores Equipment Total Account 391 571,858.05 3,700,720.83 0% 0.00 571,858.05 3,700,720.83 352,897.62 2,131,1484.59 218,60.43 30-R3 17.9 30-R2,5 12,232.43 2,19 2,14% 364,268.46 395.00 Laboratory Equipment 3,700,720.83 0% 0.00 3,700,720.83 3,006,885.77 1,766,545.79 1,766,543.76 1,		Total Distribution Plant	893,357,914.56	-26.4%	-235,951,063.92	1,129,308,978.48	368,766,227.04	760,542,751.44			27,759,964.83	3.11%
Structures and Improvements 28,987,368.24 -5% -1,449,368.41 30,436,736.65 11,099,276.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.10 Struct And Improve. To Owned Property Total Account 390 694,489.17 0% 0.00 694,489.17 493,238.08 201,251.09 20.R1 12.1 16,632.32 2.39% 391.10 Office Furniture and Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,186,764.50 3,981,707.48 15-L1 11.5 346,235.43 5.61% 391.30 Cash Processing Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,437,130.49 4,100,725.43 18,033.02 4.88% 391.30 Cash Processing Equipment 6,537,855.92 0.0% 0.00 6,537,855.92 2,437,130.49 4,100,725.43 30-R3 17.9 12,232.43 2,14% 393.00 Stores Equipment 3,700,720.83 0% 0.00 571,858.05 352,897.62 218,960.43 30-R3 17.9 12,232.43 2,14% <t< td=""><td></td><td>GENERAL PLANT</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		GENERAL PLANT										
390.10 Struct And Improve. To Owned Property 28,987,368.24 -5% -1,449,368.41 30,436,736.65 11,099,276.95 19,337,459.70 50-R1.5 38.3 504,894.51 1.74% 390.20 Improvements to Leased Property 694,489.17 0% 0.00 694,489.17 493,238.08 201,251.09 20-R1 12.1 16,632.32 2.39% Total Account 390 29,681,857.41 -4.9% -1,449,388.41 31,131,225.82 11,592,515.03 19,538,710.79 50-R1.5 38.3 504,894.51 1.74% 391.10 Office Furniture and Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,186,764.50 3,981,707.48 15-L1 11.5 346,235.43 5.61% 391.30 Cash Processing Equipment 369,383.94 0% 0.00 369,383.94 250,365.99 119,017.95 12-R4 6.6 18,033.02 4.88% Total Account 391 6,537,855.92 0.0% 0.00 6,537,855.92 2,437,130.49 4,100,725.43 364,268.46 5.57% 393.00 Stores Equipment 3,700,720.83 0% 0.00 3,700,720.83 1,569,		Structures and Improvements	180									
390.20 Improvements to Leased Property Total Account 390 694,489.17 29,681,857.41 0% -4.9% 0.00 -1,449,368.41 694,489.17 31,131,225.82 493,238.08 11,592,515.03 201,251.09 19,538,710.79 20-R1 12.1 16,632.32 521,526.83 2.39% 1.76% Office Funiture and Equipment 391.10 Office Funiture and Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,186,764.50 3,981,707.48 15-L1 11.5 346,235.43 5,61% 391.10 Office Equipment 369,383.94 0% 0.00 369,383.94 250,365.99 119,017.95 12-R4 6.6 18,033.02 4.88% 393.00 Stores Equipment 3,6537,855.92 0.0% 0.00 571,858.05 352,897.62 218,960.43 30-R3 17.9 12,232.43 2.14% 394.00 Tools, Shop and Garage Equipment 3,700,720.83 0% 0.00 3,700,720.83 1,569,236.24 2,131,484.59 30-R2.5 21.9 97,328.06 2.63% 395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,306,885.77 1,780,545.79 1,526,339.98 27-L3 <t< td=""><td>390,10</td><td>Struct And Improve. To Owned Property</td><td>28,987,368.24</td><td>-5%</td><td>-1,449,368.41</td><td>30,436,736.65</td><td>11,099,276.95</td><td>19,337,459.70</td><td>50-R1.5</td><td>38.3</td><td>504,894.51</td><td>1.74%</td></t<>	390,10	Struct And Improve. To Owned Property	28,987,368.24	-5%	-1,449,368.41	30,436,736.65	11,099,276.95	19,337,459.70	50-R1.5	38.3	504,894.51	1.74%
Total Account 390 29,681,857.41 -4.9% -1,449,368.41 31,131,225.82 11,592,515.03 19,538,710.79 521,526.83 1.76% Office Furniture and Equipment	390.20	Improvements to Leased Property	694,489.17	0%	0.00	694,489.17	493,238.08	201,251.09	20-R1	12.1	16,632.32	2.39%
Office Funiture and Equipment 391.10 Office Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,186,764.50 3,981,707.48 15-L1 11.5 346,235.43 5.61% 391.10 Cash Processing Equipment 369,383.94 0% 0.00 369,383.94 250,365.99 119,017.95 12-R4 6.6 18,033.02 4.88% 393.00 Cash Processing Equipment 6,537,855.92 0.0% 0.00 6,537,855.92 2,437,130.49 4,100,725.43 17.9 12,232.43 2.14% 393.00 Stores Equipment 3,700,720.83 0% 0.00 571,858.05 352,897.62 218,960.43 30-R3 17.9 12,232.43 2.14% 394.00 Tools, Shop and Garage Equipment 3,700,720.83 0% 0.00 3,700,720.83 1,569,236.24 2,131,484.59 30-R2.5 21.9 97,328.06 2.63% 395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,308,885.77 1,780,545.79 1,526,339.98 27-L3 17.5 87,21		Total Account 390	29,681,857.41	-4.9%	-1,449,368.41	31,131,225.82	11,592,515.03	19,538,710.79			521,526.83	1.76%
391.10 Office Equipment 6,168,471.98 0% 0.00 6,168,471.98 2,186,764.50 3,981,707.48 15-L1 11.5 346,235.43 5.61% 391.30 Cash Processing Equipment 369,383.94 0% 0.00 369,383.94 250,365.99 119,017.95 12-R4 6.6 18,033.02 4.88% Total Account 391 6,537,855.92 0.0% 0.00 571,858.05 352,897.62 218,960.43 30-R3 17.9 12,232.43 2.14% 394.00 Tools, Shop and Garage Equipment 3,700,720.83 0% 0.00 3,700,720.83 1,569,236.24 2,131,484.59 30-R2.5 21.9 97,328.06 2.63% 395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,700,720.83 1,569,236.24 2,131,484.59 30-R2.5 21.9 97,328.06 2.63% 395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,306,885.77 1,780,545.79 1,526,339.98 27-L3 17.5 87,219.43 2.64% 396.00 Power Operated Equipment 200,677.14 15% 30,101.57 170,575.57		Office Furniture and Equipment										
391.30 Cash Processing Equipment Total Account 391 369,383.94 0% 0.00 369,383.94 250,365.99 119,017.95 12-R4 6.6 18,033.02 4.88% 393.00 Stores Equipment 6,537,855.92 0.0% 0.00 571,858.05 352,897.62 218,960.43 30-R3 17.9 12,232.43 2.14% 394.00 Tools, Shop and Garage Equipment 3,700,720.83 0% 0.00 3,700,720.83 1,569,236.24 2,131,484.59 30-R2.5 21.9 97,328.06 2.63% 395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,306,885.77 1,780,545.79 1,526,339.98 27-L3 17.5 87,219.43 2.64% 396.00 Power Operated Equipment 200,677.14 15% 30,101.57 170,575.57 126,436.76 44,138.81 18-S5 9.2 4,797.70 2.39%	391.10	Office Equipment	6,168,471.98	0%	0.00	6,168,471.98	2,186,764.50	3,981,707.48	15-L1	11.5	346,235.43	5.61%
Total Account 391 6,537,855.92 0.0% 0.00 6,537,855.92 2,437,130.49 4,100,725.43 364,268.46 5.57% 393.00 Stores Equipment 571,858.05 0% 0.00 571,858.05 352,897.62 218,960.43 30-R3 17.9 12,232.43 2.14% 394.00 Tools, Shop and Garage Equipment 3,700,720.83 0% 0.00 3,700,720.83 1,569,236.24 2,131,484.59 30-R2.5 21.9 97,328.06 2.63% 395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,306,885.77 1,780,545.79 1,526,339.98 27-L3 17.5 87,219.43 2.64% 396.00 Power Operated Equipment 200,677.14 15% 30,101.57 170,575.57 126,436.76 44,138.81 18-S5 9.2 4,797.70 2.39%	391.30	Cash Processing Equipment	369,383.94	0%	0.00	369,383.94	250,365.99	119,017.95	12-R4	6.6	18,033.02	4.88%
393.00Stores Equipment571,858.050%0.00571,858.05352,897.62218,960.4330-R317.912,232.432.14%394.00Tools, Shop and Garage Equipment3,700,720.830%0.003,700,720.831,569,236.242,131,484.5930-R2.521.997,328.062.63%395.00Laboratory Equipment3,306,885.770%0.003,306,885.771,780,545.791,526,339.9827-L317.587,219.432.64%396.00Power Operated Equipment200,677.1415%30,101.57170,575.57126,436.7644,138.8118-S59.24,797.702.39%		Total Account 391	6,537,855.92	0.0%	0.00	6,537,855.92	2,437,130.49	4,100,725.43			364,268.46	5.57%
394.00Tools, Shop and Garage Equipment3,700,720.830%0.003,700,720.831,569,236.242,131,484.5930-R2.521.997,328.062.63%395.00Laboratory Equipment3,306,885.770%0.003,306,885.771,780,545.791,526,339.9827-L317.587,219.432.64%396.00Power Operated Equipment200,677.1415%30,101.57170,575.57128,436.7644,138.8118-S59.24,797.702.39%	393.00	Stores Equipment	571,858.05	0%	0.00	571,858.05	352,897.62	218,960.43	30-R3	17.9	12,232.43	3 2.14%
395.00 Laboratory Equipment 3,306,885.77 0% 0.00 3,306,885.77 1,780,545.79 1,526,339.98 27-L3 17.5 87,219.43 2.64% 396.00 Power Operated Equipment 200,677.14 15% 30,101.57 170,575.57 128,436.76 44,138.81 18-S5 9.2 4,797.70 2.39%	394.00	Tools, Shop and Garage Equipment	3,700,720.83	0%	0.00	3,700,720.83	1,569,236.24	2,131,484.59	30-R2.5	21.9	97,328.06	2.63%
396.00 Power Operated Equipment 200,677.14 15% 30,101.57 170,575.57 128,438.76 44,138.81 18-S5 9.2 4,797.70 2.39%	395.00	Laboratory Equipment	3,306,885.77	0%	0.00	3,306,885.77	1,780,545.79	1,526,339.98	27-L3	17.5	87,219.43	3 2.64%
10/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/10/2014/2014	396.00	Power Operated Equipment	200,677.14	15%	30,101.57	170,575.57	126,436.76	44,138.81	18-55	9.2	4,797.70	2.39%

Attachment to Response to KU KIUC-2 Question No. 81 Page 31 of 689

Charnas

Table 2

Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

		Original Estimated Future		Original Book Net Original			A.S.L./	Average	Annual	Annual	
Account		Cost	Net	Salvage	Cost Less	Depreciation	Cost Less	Survivor	Remaining	Depreciation	Deprecation
No.	Description	12/31/02	<u>%</u>	Amount	Salvage	Reserve	Salvage	Curve	Life	<u>Accrual</u>	Rate
(a)	(b)	(c)	(d)	(e)	(1)	(9)	(h)	(i)	())	(k)	(1)
	Communication Equipment										
397.10	Carrier Communication Equipment	3,093,194.70	0%	0.00	3,093,194.70	1,426,693.39	1,666,501.31	19-S6	13.8	120,760.96	3.90%
397.20	Remote Control Communication Equipment	3,889,910.58	0%	0.00	3,889,910.58	1,309,606.44	2,580,304.14	20-L5	15.8	163,310.39	4.20%
397.30	Mobile Communication Equipment	4,579,895.62	0%	0.00	4,579,895.62	1,190,962.85	3,388,932.77	18-55	15.1	224,432.63	4.90%
	Total Account 397	11,563,000.90	0.0%	0.00	11,563,000.90	3,927,262.68	7,635,738.22			508,503.99	4.40%
398.00	Miscellaneous Equipment	457,348.94	10%	45,734.89	411,614.05	224,361.12	187,252.93	19-L1.5	12.5	14,980.23	3.28%
	Total General Plant	56,020,204.96	-2.5%	-1,373,531.95	57,393,736.91	22,010,385.72	35,383,351.19			1,610,857.12	2.88%
	Sub-Total Depreciable Plant	3,245,966,123.92	-18.3%	-592,884,989.02	3,838,851,112.94	1,493,632,524.98	2,345,218,587.96			99,187,988.37	3.06%
	Other Plant (Not Studied)										
391.20	Non PC Computer Equipment	9,611,731.44				3,963,686.38					
391.40	Personal Computers	9,814,322.00				8,735,674.86					
392.00	Transportation Equipment - Cars & Trucks	23,749,238.51				14,621,439.53					
	Total Other Plant (Not Studied)	43,175,291.95				27,320,800.77					
	Total Depreciable Plant	3,289,141,415.87				1,520,953,325.75					
	NON-DEPRECIABLE PLANT										
	INTANGIBLE PLANT										
301.00	Organization	44,455.58				0.00					
302.00	Franchises and Consents	81,350.32				60,321.44					
303.00	Miscellaneous Intangible Plant	17,297,387.08				18,197,711.00					
	Total Intangible Plant	17,423,192.98				18,258,032.44					
	LAND & LAND RIGHTS										
310.20	Production Land	10,478,524.55				0.00					
330.20	Hydraulic Plant	13,479.47				0.00					
340.20	Other Production Land	98,602.74				0.00					
350.20	Transmission Land	1,162,528.04				-8,503.92					
360.10	Distribution Land	1,584,825.82				0.00					
389.20	Land	2,826,347.43				154,183.00					
	Total Land	16,164,308.05				145,679.08					
	Total Non-Depreciable Plant	33,587,501.03				18,403,711.52					
	Total Electric Plant in Service	3,322,728,916.90				1,539,357,037.27					_
	(1) Life Span Method Utiized. Interim Retirem	ent Rate. Service Lives	/ary.								Cha
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Attachment to Response to KU KIUC-2 Question No. 81 Page 32 of 689

Kentucky Summary of Original Cost of Utility Plant In Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of

Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

		Original	Estima	ated Future	Original	Book	Net Original	A.S.L.I	Average	Annual	Annual
Account		Cost	Net	Salvage	Cost Less	Depreciation	Cost Less	Survivor	Remaining	Depreciation	Deprecation
No.	Description	12/31/02	*	Amount	Satvage	Reserve	Salvage	Curve	Life	Accruat	Rate
(a)	(b)	(c)	(d)	(e)	(1)	(g)	(h)	(1)	(j)	(k)	(1)
	DEPRECIABLE PLANT										
	STEAM PLANT										
311.00	Structures and Improvements	154,711,332.22	-14.4%	-22,278,431.84	176,989,764.06	119,979,591.98	57,010,172.08 (1)	90-S1.5	21.1	2,701,903.89	1.75%
312.00	Boiter Plant Equipment	1,024,872,088.49	-9.0%	-92,238,487.96	1,117,110,576.45	478,215,496.00	638,895,080.45 (1)	70-L1.5	19.6	32,596,687.78	3.18%
314.00	Turbogenerator Units	191,722,845.06	-10.1%	-19,364,007.35	211,086,852.41	127,644,968.20	83,441,886.21 (1)	60-S1.5	20.1	4,151,337.62	2.17%
315.00	Accessory Electric Equipment	81,289,114.47	-9.3%	-7,559,887.65	88,849,002.12	58,564,628.73	30,284,373.39 (1)	75-S2	23.0	1,316,711.89	1.62%
316.00	Miscellaneous Power Plant Equipment	20,719,081.14	-2.3%	-476,538.87	21,195,620.01	10,449,909.85	10,745,710.15 (1)	60-S1	20.7	519,116.43	2.51%
	Total Steam Production Plant	1,473,314,461.38	-9.6%	-141,917,353.67	1,615,231,815.05	794,854,592.77	820,377,222.28			41,285,757.61	2.80%
	HYDRAULIC PLANT										
330.10	Land Rights	879,311.47	0.0%	0.00	879,311.47	849,857.30	29,454.17	50-R2.5	7.8	3,776.18	0.43%
331.00	Structures and Improvements	497,427.20	-14.5%	-72,128.94	569,554.14	378,899.82	190,654.32 (1)	140-L1	16.9	11,281.32	2.27%
332.00	Reservoirs, Dams and Waterways	8,142,176.24	-0.2%	-16,284.35	8,158,460.59	6,236,798.68	1,921,661.91 (1)	150-L1.5	17.9	107,355.41	1.32%
333.00	Waterwheel, Turbines and Generators	532,629.23	-22.5%	-119,841.58	652,470.81	516,153.28	136,317.53 (1)	150-L1.5	14.5	9,401.21	1.77%
334.00	Accessory Electric Equipment	349,869.04	-8.0%	-27,989,52	377,858.56	218,062.19	159,796.37 (1)	55-L1	3.1	51,547.22	14.73%
335.00	Miscellaneous Power Plant Equipment	163,126.4B	-2.3%	-3,751,91	166,878.39	77,204.88	89,673.51 (1)	55-R3	8.7	10,307.30	6.32%
336.00	Roads, Railroads and Bridges	48,145.91	0.0%	0.00	48,145.91	46,928.08	1,217.83 (1)	80-R5	15,6	78.07	0.16%
	Total Hydraulic Plant	10,612,685 57	-2.3%	-239,994.30	10,852,679.87	8,323,904.23	2,528,775.64			193,746.70	1.83%
	OTHER PRODUCTION PLANT										
340.10	Land Rights	176,409.31	0.0%	0.00	176,409.31	47,778.65	128,632.66	50-R2.5	43.9	2,930.13	1.66%
341.00	Structures and Improvements	21,174,958.60	-9.3%	-1,969,270.96	23,144,227.56	3,081,408.04	20,062,819.52 (1)	45-R0.5	21.8	920,312.82	4.35%
342.00	Fuel Holders, Producers and Accessory	18,325,891.25	-19.6%	-3,591,874.69	21,917,765.94	3,145,574.27	18,772,191.67 (1)	55-R1	22.6	830,627.95	4.53%
343.00	Prime Movers	251,279,024.10	-1.7%	-4,271,743.41	255,550,767.51	29,868,499.22	225,682,268.29 (1)	40-R0.5	22.2	10,165,867.94	4.05%
344.00	Generators	47,479,932.03	-9.8%	-4,653,033.34	52,132,965.37	10,313,378.81	41,819,586.56 (1)	42-R5	24.0	1,742,482.77	3.67%
345.00	Accessory Electric Equipment	19,116,795.73	-2.8%	-535,270.28	19,652,066.01	3,276,023.41	16,376,042.60 (1)	45-R5	25,5	642,197.75	3.36%
346.00	Miscellaneous Power Plant Equipment	4,681,000.69	-1.3%	-60,853.01	4,741,853.70	580,244.35	4,161,609.35 (1)	30-R1	21.4	194,467.73	4.15%
	Total Other Production Plant	362,234,009.71	-4.2%	-15,082,045.69	377,316,055.40	50,312,904.75	327,003,150.65			14,498,887.09	4.00%
	TRANSMISSION PLANT										
350.10	Land Rights	21,209,402.58	0%	0.00	21,209,402.58	11,658,723.90	9,550,678.68	50-R2,5	23.6	404,689.77	1.91%
	Structures and Improvements										
352.10	Struct. and Improve Non Sys. Control/Com.	5,376,265.98	-25%	-1,344,066.50	6,720,332.48	. 2,832,052.15	3,888,280.33	45-R3	28.1	138,372.97	2.57%
352.20	Struct., and Improve Sys. Control/Com.	1,166,434.25	-25%	-291,608.56	1,458,042.81	693,961.91	764,080.90	40-R3	19.1	40,004.24	3.43%
	Total Account 352	6,542,700 23	-25.0%	-1,635,675.06	8,178,375.29	3,526,014.06	4,652,361.23			178,377.20	2.73%
	Station Equipment										
353.10	Station Equipment - Non Sys. Control/Com.	132,584,164.92	-15%	-19,887,624.74	152,471,789.66	50,453,773.27	102,018,016.39	50-R2.5	33.9	3,009,381.01	2.27%
353.20	Station Equip - Sys.Control/Com. (Microwave)	14,284,914.20	-10%	-1,428,491.42	15,713,405.62	8,038,391.66	7,675,013.96	15-R3	7.1	1,080,987.88	7.57%
	Total Account 353	146,869,079.12	-14.5%	-21,316,116.16	168,185,195.28	58,492,164.93	109,693,030.35			4,090,368.90	2.79%

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Kentucky Summary of Original Cost of Utility Plant In Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

Account	Description	Original Cost 12/31/02	Estima Net	ated Future Salvage	Original Cost Less Salvace	Book Depreciation	Net Original Cost Less	A.S.L./ Survivor	Average Remaining	Annual Depreciation	Annual Deprecation
(a)	(b)	(c)	(d)	(e)	(1)	(p)	(h)	(i)	(i)	(k)	(1)
354.00	Towers and Fixtures	53,794,363.10	-60%	-32,276,617.86	86,070,980.96	35,842,997.16	50,227,983.80	55-R4	32.6	1,540,735.70	2.86%
355.00	Poles and Fixtures	69,669,276.95	-60%	-41,801,566.17	111,470,843.12	39,080,978.14	72,389,864.98	43-R2.5	27.9	2,594,618.82	3.72%
356,00	Overhead Conductors and Devices	110,424,621.36	-75%	-82,818,466.02	193,243,087.38	80,292,060.35	112,951,027.03	50-R3	29.6	3,815,913.08	3.46%
357.00	Underground Conduit	435,926 80	0%	0.00	435,926.80	87,891.34	348,035.46	50-R3	39.2	8,878.46	2.04%
358.00	Underground Conductors and Devices	1,114,761.90	-20%	-222,952.38	1,337,714.28	610,385.26	727,329.02	30-R3	15.4	47,229.16	4.24%
	Total Transmission Plant	410,060,132.04	-43.9%	-180,071,393.65	590,131,525.69	229,591,215.14	360,540,310.55			12,680,811.08	3.09%
	DISTRIBUTION PLANT										
360.10	Land Rights	1,339,602.00	0%	0.00	1,339,602.00	871,665.37	467,936.63	50-R2.5	21.6	21,663.73	1.62%
361.00	Structures and Improvements	3,430,861.90	-15%	-514,629.29	3,945,491.19	1,297,363.29	2,648,127.90	50-R2.5	36.4	72,750.77	2.12%
362.00	Station Equipment	86,219,706.94	-10%	-8,621,970.69	94,841,677.63	26,913,724.72	67,927,952.91	50-R1.5	37.8	1,797,035.79	2.08%
364.00	Poles, Towers and Fixtures	155,425,339.72	-55%	-85,483,936.85	240,909,276.57	71,525,016.94	169,384,259.63	40-S0	29.9	5,665,025.41	3.64%
365.00	Overhead Conductors and Devices	148,205,196.77	-45%	-66,692,338.55	214,897,535.32	79,079,691.18	135,817,844.14	41-R2	28.2	4,816,235.61	3.25%
366.00	Underground Conduit	1,551,966.69	-10%	-155,196.67	1,707,163.36	790,660.29	916,503.07	50-R3	28.8	31,823.02	2.05%
367.00	Underground Conductors and Devices	49,284,446.82	-5%	-2,464,222.34	51,748,669.16	11,589,403.43	40,159,265.73	30-R3	23.9	1,680,304.01	3.41%
368.00	Line Transformers	197,669,452.43	-10%	-19,766,945.24	217,436,397.67	66,818,337.52	150,618,060.15	42-50.5	31.0	4,858,647.10	2,46%
369.00	Services	76,775,194.60	-40%	-30,710,077.84	107,485,272.44	46,743,901.54	60,741,370.90	30-R3	19.0	3,196,914.26	4.16%
370,00	Meters	57,516,116.20	0%	0.00	57,516,116.20	16,435,525.58	41,080,590.62	44-R1	32.3	1,271,844.91	2.21%
371.00	Installations on Customers' Premises	17,403,000,52	-5%	-870,150.03	18,273,150.55	6,925,709.76	11,347,440.79	16-R0.5	10.8	1,050,688.96	6.04%
373.00	Street Lighting and Signal Systems	44,177,578.73	-10%	-4,417,757.87	48,595,336.60	13,863,494,93	34,731,841.67	28-R1	21.0	1,653,897.22	3,/4%
	Total Distribution Plant	838,998,463.32	-26.2%	-219,697,225.37	1,058,695,688.69	342,854,494.54	715,841,194.15			26,116,830.79	3.11%
	GENERAL PLANT										
	Structures and Improvements										
390.10	Struct., And Improve. To Owned Property	28,343,519.39	-5%	-1,417,175.97	29,760,695.36	10,718,145.14	19,042,550.22	50-R1.5	38.4	495,899,75	1.75%
390.20	Improvements to Leased Property	618,508.30	0%	0.00	618,508.30	427,336.62	191,171.68	20-R1	12.4	15,417.07	2.49%
	Total Account 390	28,962,027.69	-4.9%	-1,417,175.97	30,379,203.66	11,145,481.77	19,233,721.89			511,316.82	1,77%
	Office Furniture and Equipment							1012010-0000			
391.10	Office Equipment	6,129,377.49	0%	0 00	6,129,377.49	2,154,796 89	3,974,580.60	15-L1	11.6	342,636 26	5.59%
391.30	Cash Processing Equipment	369,383.94	0%	0.00	369,383.94	250,365.99	119,017.95	12-R4	6.6	18,033.02	4.88%
	Total Account 391	6,498,761.43	0.0%	0.00	6,498,761.43	2,405,162.88	4,093,598.55			360,669.28	5.55%
393.00	Stores Equipment	563,754.75	0%	0.00	563,754.75	347,614.14	216,140.61	30-R3	17.9	12,074.89	2.14%
394.00	Tools, Shop and Garage Equipment	3,424,989.75	0%	0.00	3,424,989.75	1,499,979.76	1,925,009.99	30-R2.5	21.6	89,120.83	2.60%
395.00	Laboratory Equipment	3,269,202.59	0%	0.00	3,269,202.59	1,752,921.21	1,516,281.38	27-L3	17.5	86,644.65	2.65%
396.00	Power Operated Equipment	200,677.14	15%	30,101.57	170,575.57	126,436.76	44,138.81	18-55	9.2	4,797.70	2.39%

Table 2-KY

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Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

		Original	Estimated Future		Originat	Book	Net Original	A.S.L.	Average	Annual	Annual
Account	Description	12/31/02	<u>N01</u>	Amount	Salvada	Reserve	Salvage	Curve	Life	Accual	Bate
(8)	(b)	(c)	(d)	(e)	(1)	(0)	(h)	(1)	()	(k)	(!)
107	9		1 A	8 S		1.000	*. <u>*</u> .				
	Communication Equipment										
397.10	Carrier Communication Equipment	2,939,746.71	0%	0.00	2,939,746.71	1,276,444.53	1,663,302,18	19-S6	14.1	117,964.69	4.01%
397.20	Remote Control Communication Equipment	3,729,637.84	0%	0.00	3,729,637.84	1,237,153.86	2,492,483.98	20-L5	15.8	157,752.15	4.23%
397.30	Mobile Communication Equipment	4,339,042.39	0%	0.00	4,339,042.39	1,132,687.81	3,206,354.58	18-55	15.0	213,756.97	4.93%
	Total Account 397	11,008,426.94	0.0%	0.00	11,008,426.94	3,646,286.21	7,362,140.73			489,473.82	4,45%
398.00	Miscellaneous Equipment	440,985.52	10%	44,098.55	396,886.97	213,335.55	183,551,42	19-L1.5	12.5	14,684,11	3.33%
	Total General Plant	54,368,825.81	-2.5%	-1,342,975.85	55,711,801.66	21,137,218.27	34,574,583.39			1,568,782.10	2.89%
	Sub-Total Depreciable Plant	3,149,568,577.83	-17.7%	-558,350,988.53	3,707,939,566.36	1,447,074,329.70	2,200,800,230.00			90,344,815.37	3.00%
	Other Plant (Not Studied)										
391.20	Non PC Computer Equipment	9,611,731.44				3,963,686.38					
391.40	Personal Computers	9,814,322.00				8,735,674.86					
392.00	Transportation Equipment - Cars & Trucks	22,433,401.14				13,742,600.02					
	Total Other Plant (Not Studied)	41,859,454.58				26,441,961.26				•	
	Total Depreciable Plant	3,191,448,032.41				1,473,516,290.96					
	NON-DEPRECIABLE PLANT										
	INTANGIBLE PLANT										
301.00	Organization	39,116.89				0.00					
302.00	Franchises and Consents	81,350.32				30,160.72					
303.00	Miscellaneous Intangible Plant	17,297,387.08				9,098,855.50					
	Total Intancible Plant	17.417.854.29				9.129.016.22					
2	LAND & LAND RIGHTS					1000					
310 20	Production Land	10,478,524.55				0.00					
330,20	Hydraulic Plant	13,479.47				0.00					
340.20	Other Production Land	98,602.74				0.00					
350.20	Transmission Land	1,094,360.08				-4,251.96					
360.10	Distribution Land	1,488,386,74				0.00					
389,20	Land	2,734,775.95				154,183.00					
	Total Land	15,908,129 53				149,931.04					
	Total Non-Depreciable Plant	33,325,983.82				9,278,947.26					
	Total Electric Plant in Service	3,224,774,016.23				1,482,795,238 22					

(1) Life Span Method Utilzed, Interim Retirement Rate. Service Lives Vary.

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Kentucky Utilities

Electric Division

Virginia Summary of Original Cost of Utility Plant in Service and Calcutation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

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Account <u>No.</u>	Description	Original Cost 12/31/02	Estima <u>Net</u>	ted Future Salvage Amount	Original Cost Less Salvage	Book Depreciation <u>Reserve</u>	Net Original Cost Less Salvage	A.S.L./ Survivor Curva	Average Remaining Life	Annual Depreciation Accrual	Annual Deprecation Rate
(2)	(b)	(C)	(d)	(e)	(1)	(g)	(n)	(1)	0)	(k)	(1)
	DEPRECIABLE PLANT										
	TRANSMISSION PLANT										
350,10	Land Rights	1,782,030.88	0%	0.00	1,782,030.88	1,282,804.80	499,226.08	50-R2.5	13.8	36,175.80	2.03%
	Stouthurs and Improvements										
352 10	Struct and Improve - Non Sys Control/Com	1 050 280 78	25%	267 570 20	1 312 850 08	501 500 05	811 260 02	46.03	27.7	20 287 40	2 701
352.10	Struct, and improve - Svs. Control/Com	0.00	-25%	-202,370.20	1,312,030.90	0.00	011,200,95	40-83	21.1	29,207.40	0.00%
002.20	Total Account 352	1 050 280 78	-25.0%	-262 570 20	1 312 850 98	501 590 05	811 260 93	40413		29 287 40	2 79%
							011,200.00			20,201.10	2.7072
	Station Equipment										
353.10	Station Equipment - Non Sys. Control/Com.	13,943,172.45	-15%	-2,091,475.87	16,034,648.32	4,508,386.94	11,226,261.38	50-R2.5	34.9	321,669.38	2.31%
353.20	Station Equip - Sys.Control/Com. (Microwave)	0.00	-10%	0.00	0.00	0.00	0.00	15-R3		0.00	0.00%
	Total Account 353	13,943,172.45		-2,091,475.87	16,034,648.32	4,808,386.94	11,226,261.38			321,669.38	2.31%
354.00	Towers and Fixtures	6,739,096,01	-60%	-4.043.457.61	10,782,553,62	3.343.877.02	7.438.676.60	55-R4	37.9	196.271.15	2.91%
355.00	Poles and Fixtures	5,248,663,42	-60%	-3,147,998.05	8.394.661.47	2.671.893.76	5,722,767,71	43-R2.5	29.3	195.316.30	3.72%
356.00	Overhead Conductors and Devices	11,605,472.16	-75%	-8,704,104,12	20,309,576.28	7,184,742.76	13,144,833.52	50-R3	32.3	406,960.79	3.51%
357.00	Underground Conduit	0.00	0%	0.00	0.00	0.00	0.00	50-R3		0.00	0.00%
358.00	Underground Conductors and Devices	0.00	-20%	0.00	0.00	0.00	0.00	30-R3		0.00	0.00%
	Total Transmission Plant	40,366,715.70	-45,2%	-18,249,605.85	58,616,321.55	19,773,295.33	38,843,026.22			1,185,680.83	2.94%
	DISTRIBUTION PLANT										
360.10	Land Rights	83,580,13	0%	0.00	83,580,13	49.087.98	34,492,15	50-R2.5	26.1	1.321.54	1.58%
361.00	Structures and Improvements	367,467.51	-15%	-55,120.13	422,587.64	138,922.33	283,665.31	50-R2.5	36.6	7,750.42	2.11%
362.00	Station Equipment	6,294,362.38	-10%	-629,438.24	6,923,798.62	1,857,713.58	5,066,085.04	50-R1.5	39.1	129,567.39	2.06%
364.00	Poles, Towers and Fixtures	12,133,206.90	-55%	-8,673,263.80	18,808,470.70	6,062,010.91	12,744,459.79	40-S0	29.5	432,015.59	3.56%
365.00	Overhead Conductors and Devices	12,308,434.78	-45%	-5,537,895.64	17,844,330.40	6,905,462.62	10,938,867.78	41-R2	28.1	389,283.55	3.16%
366.00	Underground Conduit	0.00	-10%	0.00	0.00	0.00	0.00	50-R3		0.00	0.00%
367.00	Underground Conductors and Devices	519,618.44	-5%	-25,980.92	545,599.36	161,218.31	384,381.05	30-R3	22.8	16,858.82	3.24%
368.00	Line Transformers	12,035,778.33	-10%	-1,203,577.83	13,239,356.16	5,011,031.05	8,228,325.11	42-S0.5	29.1	282,760.31	2.35%
369.00	Services	4,905,735.94	-40%	-1,962,294.38	6,868,030.32	3,410,040.37	3,457,989,95	30-R3	18.2	189,999.45	3.87%
370.00	Meters	3,616,919.29	0%	0.00	3,616,919.29	1,389,229.45	2,227,689.84	44-R1	30.2	73,764 56	2.04%
371.00	Installations on Customers' Premises	867,302.80	-5%	-43,365.14	910,667.94	437,931.20	472,736.74	16-R0.5	9.7	48,735.75	5.62%
373.00	Street Lighting and Signal Systems	1,229,044.76	-10%	-122,904.48	1,351,949.24	489,084.71	862,864.53	28-R1	19.8	43,579.02	3.55%
	Total Distribution Plant	54,359,451.24	-29.9%	-16,253,838.56	70,613,289.80	25,911,732.50	44,701,557.30			1,615,636.39	2.97%

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Kentucky Utilities Electric Division Virginia

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Summary of Original Cost of Utility Plant In Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

		Original	Estima	ted Future	Original	Book	Net Original	A.S.L./	Average	Annual	Annual
Account	Description	Cost	Net	Salvage	Cost Less	Depreciation	Cost Less	Survivor	Remaining	Depreciation	Deprecation
NO.	Description	12/31/02	<u>×</u>	Amount	Salvage	Reserve	Salvage	Curve	Life	Accrual	Rate
(3)	(6)	(c)	(0)	(0)	(1)	(0)	- (n)	(1)	0)	(k)	(I)
	GENERAL PLANT										
	Structures and Improvements										
390.10	Struct., And Improve, To Owned Property	643,848.85	-5%	-32,192.44	676,041.29	381,131.81	294,909.48	50-R1.5	33.8	8,725.13	1.36%
390.20	Improvements to Leased Property	75,980.87	0%	0.00	75,980.87	65,901.46	10,079.41	20-R1	10.0	1,007.94	1.33%
	Total Account 390	719,829.72	-4.5%	-32,192.44	752,022.16	447,033.26	304,988.90			9,733.07	1.35%
	Office Furniture and Equipment										
391.10	Office Equipment	39,094.49	0%	0.00	39,094,49	31,967.61	7,126.88	15-L1	8.0	890.86	2.28%
391.30	Cash Processing Equipment	0.00	0%	0.00	0.00	0.00	0.00	12-R4		0.00	0.00%
	Total Account 391	39,094 49	0.0%	0.00	39,094.49	31,967.61	7,126.88			890,86	2.28%
393 00	Stores Equipment	8,103.30	0%	0.00	8,103.30	5,283.48	2,819.82	30-R3	18.8	149.99	1.85%
394.00	Tools, Shop and Garage Equipment	275,731.08	0%	0,00	275,731.08	69,256.48	206,474.60	30-R2.5	25.7	8,034,03	2.91%
395.00	Laboratory Equipment	37,683.18	0%	0.00	37,683.18	27,624.58	10,058.60	27-L3	15.6	644.78	1.71%
396.00	Power Operated Equipment	0.00	15%	0.00	0.00	0.00	0.00	18-S5		0.00	0.00%
	Communication Equipment										
397,10	Carrier Communication Equipment	153,447.99	0%	0.00	153,447.99	150,248.86	3,199.13	19-S6	8.3	385.44	0.25%
397.20	Remote Control Communication Equipment	160,272.74	0%	0.00	160,272.74	72,452.57	87,820.17	20-L5	14.8	5,933.80	3.70%
397.30	Mobile Communication Equipment	240,853.23	0%	0.00	240,853.23	58,275.04	182,578.19	18-55	15.5	11,779.24	4.89%
	Total Account 397	554,573.96	0.0%	0.00	554,573.96	260,976.47	273,597.49			18,098.47	3.26%
398.00	Miscellaneous Equipment	18,363.42	10%	1,638.34	14,727.08	11,025.57	3,701.51	19-L1.5	10.8	342.73	2.09%
	Total General Plant	1,651,379.15	-1.9%	-30,556.10	1,681,935.25	873,167.45	808,767.80			37,893.94	2.29%
	Sub-Total Depreciable Plant	96,377,546.09	-35.8%	-34,534,000.51	130,911,546.60	46,558,195.28	84,353,351.32			2,839,211.16	2.95%
	Other Plant (Not Studied)										
391.20	Non PC Computer Equipment	0.00				0.00					
391.40	Personal Computers	0.00				0.00					
392.00	Transportation Equipment - Cars & Trucks	1,315,837.37				878,839.51					
	Total Other Plant (Not Studied)	1,315,837.37				878,839.51					
	Total Depreciable Plant	97,693,383.46				47,437,034.79					

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Charnas

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Kentucky Utilities

Electric Division

Virginia

Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Lives as of December 31, 2002

Account <u>No.</u> (a)	Description (b)	Original Cost <u>12/31/02</u> (c)	Esti (d)	imated Future <u>Net Salvage</u> <u>Amount</u> (e)	Original Cost Less Salvage (f)	Book Depreciation <u>Reserve</u> (g)	Net Original Cost Less Salvage (h)	A.S.L./ Survivor <u>Çurvə</u> (i)	Average Remaining Life ()	Annual Depreciation <u>Accrual</u> (k)	Annual Deprecation <u>Rate</u> (1)
	NON-DEPRECIABLE PLANT										
	INTANGIBI E PLANT										
301.00	Organization	5,338,69				0.00					
302.00	Franchises and Consents	0.00				0.00					
303 00	Miscellaneous Intancible Plant	0.00				0.00					
	Total Intangible Plant	5,338.69				0.00					
	LAND & LAND RIGHTS	0.00				0.00					
310.20	Production Land	0.00				0.00					
330,20	Hydraulic Mant	0.00				0.00					
340.20	Other Production Land	0.00				0.00					
350.20	Transmission Land	00,107.90				0.00					
360.10	Land	90,439.00				0.00					
309.20	Canu	51,511,50				0.00					
	Total Land	256,178.52				0.00					
	Total Non-Depreciable Plant	261,517.21				0.00					
	Total Flectric Plant In Service	97 954 900 67				47 437 034 79					
	Total accure Field in OctVice	01,004,000,01									

(1) Life Span Method Utlized. Interim Retirement Rate. Service Lives Vary.

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Charnas

Table 2-VA



Table 2-Locations

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Kentucky Utilities Electric Division

Summary of Original Cost of Utility Plant in Service and Calculation of

Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Depreciation Reserve and Average Remaining Life Technique (Account Level Depr Rates Allocated to Location & Unit) as of December 31, 2002

····	0.0	Description (b)	12/31/02	- <u>%</u> -	Amount	Salvage	Reserve	Satvage (b)	<u>Curve</u>		Basis	Accrual	Deprecation Rate
		DEPRECIABLE PLANT		1.41.5	2-6	inde.			14			10	(107
		STEAM PLANT											
311.00		Structures and Improvements											
100.000.0000	5591	KU Generation-Common	805,715.82	-0.4%	-3,222.86	808,938,68	373,841,85	435.096.83 (1)	90-S1.5	28.8	15,107,53	15,982,22	1.98%
	5603	Trone Unit 3	5,293,882.85	-8.1%	-428,804.51	5,722,687.36	5,722,687.36	0.00 (1)	90-S1.5	16.6	0.00	0.00	0.00%
	5604	Tyrone Units 1 & 2	589,405.14	-14.7%	-85,642.56	676,047.70	676,047.70	0.00 (1)	90-S1.5	2.5	0.00	0.00	0.00%
	5613	Green River Unit 3	2,809,804.71	-14.9%	-418,660.90	3,228,465.61	3,228,465.61	0 00 (1)	90-S1.5	16.7	0.00	0.00	0.00%
	5614	Green River Unit 4	4,099,390.94	-15.5%	-635,405.60	4,734,796.54	3,630,655,71	1,104,140.83 (1)	90-S1.5	17.3	63,823.17	67,518.38	1.65%
	5615	Green River Units 1&2	3,797,160.20	-11.3%	-429,079.10	4,226,239.30	4,226,239.30	0.00 (1)	90-S1.5	1.5	0.00	0.00	0.00%
	5621	Brown Unit 1	4,088,137.49	-15.6%	-637,749.45	4,725,886.94	4,518,000.24	207,886.70 (1)	90-S1.5	17.0	12,228.63	12,936.64	0.32%
	5622	Brown Unit 2	1,452,821.22	-17.3%	-251,338.07	1,704,159.29	1,685,381.25	18,778.04 (1)	90-S1.5	16.8	1,117.74	1,182.46	0.08%
	5623	Brown Unit 3 Discutlle Unit 2	12,078,731.61	-22.0%	-2,657,320.95	14,/36,052.56	11,558,765.60	3,177,286.96 (1)	90-51.5	17.1	185,806.25	196,564.01	1.63 %
	5643	Pineville Units	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0.00	(1)
	5650	Chent 1 Pollution Control Equin	24 352 142 10	-13.8%	3 360 595 62	27 712 737 81	10 955 993 04	16 745 754 77 (1)	00.515	10.0	862 193 24	013 150 55	3 75%
	5651	Ghent Unit 1	16 838 431 28	-19.8%	3 334 009 39	20 172 440 67	16 551 200 35	3 621 240 32 (1)	90.51.5	18.9	191 600 02	202 693 21	1 20%
	5652	Ghant Unit 2	16.012 536 37	-20.7%	-3.314.595.03	19.327.131.40	14 520 990 15	4.806.141.25 (1)	90-S1.5	21.8	220 465 19	233,229,62	1.46%
	5653	Ghent Unit 3	40.539.913.20	-8.4%	-3.405.352.71	43.945.265.91	29.396.596.88	14.548.669.03 (1)	90-S1.5	25.6	568,307,38	601,211.07	1.48%
	5654	Ghent Unit 4	21,953,259.20	-15.2%	-3,336,895.40	25,290,154.60	12,923,736.93	12,366,417.67 (1)	90-S1.5	28.6	432,392.23	457,426.74	2.08%
		Total Account 311	154,711,332.22	-14.4%	-22,299,672.15	177,011,004.37	119,979,591.98	57,031,412,39			2,554,031.38	2,701,903.89	1.75%
242.00		Roller Diret Faulement											
312.00	5603	Trope Light 3	8 663 220 42	-13.0%	1 126 218 65	0 780 430 07	8 967 763 82	921 675 25 (1)	70.115	16.3	56 544 49	57 588 69	0.66%
	5603	Mandated NOX Proi -2004 Closing	1 502 053 00	-13.0%	-195 266 89	1 697 319 89	0,007,703.02	1 697 319 89	(2)	15.8	107 425 31	109.409.11	7.28%
	5604	Tyrone Units 1 & 2	3.549.368.50	-21.3%	-756.015.49	4,305,383,99	4.048.571.36	256.812.63 (1)	70-L1.5	2.5	102,725.05	104.622.05	2.95%
	5613	Green River Unit 3	9.061.059.76	-12.6%	-1,141,693.53	10,202,753,29	8,870,130,27	1.332,623.02 (1)	70-L1.5	16.2	B2,260.68	83,779.77	0.92%
	5613	Mandated NOX Proj2004 Closing	1,731,984.00	-12.6%	-218,229.98	1,950,213.98	0.00	1,950,213.98	(2)	15.7	124,217.45	126,511.35	7.30%
	5614	Green River Unit 4	18,776,499.07	-10.5%	-1,971,532.40	20,748,031.47	14,845,967.78	5,902,063.69 (1)	70-L1.5	16.7	353,416.99	359,943.45	1.92%
	5615	Green River Units 1&2	12,249,873.99	-10.6%	-1,298,486.64	13,548,360.63	11,761,983.55	1,786,377.08 (1)	70-L1.5	1.5	1,190,918.06	1,212,910.46	9.90%
	5621	Brown Unit 1	32,815,581.55	-8.1%	-2,658,062.11	35,473,643.66	19,517,750.44	15,955,893.22 (1)	70-L1.5	16.9	944,135.69	961,570.82	2.93%
	5621	Mandated NOX Proj2004 Closing	221,421.00	-8,1%	-17,935.10	239,356.10	0.00	239,356.10	(2)	16,4	14,594.88	14,864.40	6.71%
	5622	Brown Unit 2	26,010,201.59	-11.3%	-2,939,152.78	28,949,354.37	16,848,811.36	12,100,543.01 (1)	70-L1.5	16.7	724,583.41	737,964.12	2.84%
	5622	Mandated NOX Proj2004 Closing	2,237,589.00	-11.3%	-252,847.56	2,490,435.56	. 0.00	2,490,436.56	(2)	16.2	153,730.65	156,569.56	7.00%
	5623	Brown Unit 3	71,536,455.78	-10.2%	-7,296,718.49	78,833,174.27	49,316,382.34	29,516,791.93 (1)	70-L1.5	16.6	1,778,120.00	1,810,956.11	2.53%
	5623	Mandated NOX Proj2004 Closing	1,305,198.00	-10.2%	-133,130.20	1,438,328.20	0.00	1,438,328.20	(2)	16.1	89,337.16	90,986.92	6.97%
	5623	Mandated NOX Proj2005 Closing	4,004,000.00	-10.2%	-408,408.00	4,412,408.00	0.00	4,412,408.00 (1)	(2)	15.1	292,212.45	297,608.67	7.43%
	5643	Pineville Unit 3	226,832.50	0.0%	0.00	226,832.50	1,782,011,42	-1,555,178.92	70-L1.5	0.5	-3,110,357.84 (3)	0.00	0.00%
	5644	Chart 1 Bellution Control Equip	0.00	0.0%	0.00	0.00	254,230.51	-254,230.51	70-L1.5	0.5	-508,461.02 (3)	3 601 478 75	4 17%
	5651	Ghent I politician Control Equip.	88 268 090 96	-10 2%	-8,970,110.83	97 271 436 24	58 633 236 77	38 638 199 47 (1)	70-115	18.3	2 111 377 02	2 150 367 32	244%
	5651	Mandated NOX Proi -2004 Closion	38 235 757 00	-10 2%	-3 900 047 21	42 135 804 21	0.00	42 135 804 21	(2)	17.8	2 367 180 01	2 410 894 16	6.31%
	5651	Mandated NOX Proj -2005 Closing	38 980 000 00	-10 2%	-3 975 960 00	42 955 960 00	0.00	42 955 960 00	(2)	16.8	2 556 902 38	2,604,120,09	6.68%
	5652	Ghent Unit 2	86 733 989 30	-10.3%	-8 933 600 90	95 667 590 20	58 712 497 52	36 955 092 68 (1)	70-L1.5	20.7	1,785,270,18	1.818.238.34	2.10%
	5652	Mandated NOX Proj2004 Closing	4,735.00	-10.3%	-487.71	5.222.71	0.00	5.222.71	(2)	20.2	258.55	263.32	5.56%
	5652	Mandaled NOX Proj2005 Closing	3,016,000.00	-10.3%	-310,648 00	3,326,648 00	0.00	3,326,648.00	(2)	19.2	173,262.92	176,462.52	5 85%
	5653	Ghent Unit 3	169,648,430.42	-7.6%	-12,893,280.71	182,541,711.13	102,664,063.36	79,877,647.77 (1)	70-L1.5	23.9	3,342,160.99	3,403,879.89	2.01%
	5653	Mandated NOX Proj2004 Closing	73,887,596.00	-7.6%	-5,615,457.30	79,503,053.30	0.00	79,503,053 30	(2)	23.4	3,397,566 38	3,460,308.43	4 68%
	5653	Mandated NOX Proj2005 Closing	1,976,000.00	-7.6%	-150,176 00	2,126,176.00	0 00	2,126,176 00	(2)	22.4	94,918 57	96,671.41	4 20 %
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Table 2-Locations

Kentucky Utilities Electric Division

Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Life Technique (Account Level Depr Rates Allocated to Location & Unit) as of December 31, 2002.

Account <u>No,</u>	Location Code	Description	Original Cost 12/31/02	Estim: Nel	ated Future Salvage Amount	Original Cost Less Salvage	Book Depreciation Reserve	Net Original Cost Less Salvage	A.S.L./ Survivor Curve	Average Remaining	Annual Depr. Accrual Basis	Annual Depreciation Accrual	Annual Deprecation Rate
(a)		(b)	(c)	(d)	(e)	(I)	(g)	(h)	(1)	0	(k)	(1)	(m)
		DEPRECIABLE PLANT					už:						
	5654	Ghent Unit 4	168,701,912.41	-7.6%	-12,821,345.34	181,523,257.75	83,355,028,86	98,168,228,89 (1)	70-L1.5	26.7	3.676 712 69	3,744,609,67	2 72%
	5654	Mandated NOX Proj2004 Closing	52,148,251.00	-7.6%	-3,963,267.08	56,111,518.08	0.00	56,111,518.08	(2)	26.2	2.141.661.00	2,181,210,54	4.18%
	5654	Mandated NOX Proj2005 Closing	15,424,000.00	-7.6%	-1,172,224.00	16,596,224.00	0.00	16,596,224.00	(2)	25.2	658,580,32	670.742.16	4 35%
	5659	Ghent 4 Rail Cars	7,647,232.19	-4.8%	-367,067.15	8,014,299.34	3,920,826.86	4,093,472.48 (1)	70-L1.5	27.4	149,396 81	152,155.68	1.99%
		Total Account 312	1,024,872,088.49	-9.0%	-92,496,715.13	1,117,368,803.62	478,215,496.00	639,153,307.62			28,386,828.24	32,596,687.78	3.18%
314.00		Turbogenerator Units											
	5603	Trone Unit 3	2,649,841.16	-14.7%	-389,526.65	3,039,367.81	3,039,367.81	0.00 (1)	60-S1.5	14.8	0.00	0.00	0.00%
	5604	Tyrone Units 1 & 2	1,592,029.04	-17.9%	-284,973.20	1,877,002.24	1,813,795.27	63,206.97 (1)	60-S1.5	2.4	26,336.24	26.074.75	1.64%
	5613	Green River Unit 3	2,651,645.58	-14.7%	-389,791.90	3,041,437.48	3,041,437,48	0.00 (1)	60-S1.5	14.0	0.00	0.00	0.00%
	5614	Green River Unit 4	6,323,622.30	-10.4%	-865,656,72	9,189,279.02	6,365,139.77	2,824,139.25 (1)	60-S1.5	16.7	169,110.13	167,431.06	2.01%
	5615	Green River Units 1&2	2,762,747.30	-14.5%	-400,598.36	3,163,345.66	2,769,226.60	394,119.06 (1)	60-S1.5	1.5	262,746.04	260,137.26	9.42%
	5621	Brown Unit 1	4,694,847.01	-13.5%	-633,804.35	5,328,651.36	4,801,992.34	526,659.02 (1)	60-S1.5	15.1	34,878.08	34,531.78	0.74%
	5622	Brown Unit 2	8,729,916.37	-12.4%	-1,082,509.63	9,812,426.00	6,056,772.92	3,755,653.08 (1)	60-S1.5	16.4	229,003.24	226,729.49	2.60%
	5623	Brown Unit 3	22,985,210.48	-10.1%	-2,321,508.26	25,306,716.74	13,723,542.58	11,583,174.18 (1)	60-S1.5	16.8	689,474.65	682,628.94	2.97%
	5643	Pineville Unit 3	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0.00	(1)
	5644	Pineville Units 1 & 2	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0.00	(1)
	5651	Ghent Unit 1	22,672,666.15	-11.1%	-2,516,665.94	25,189,332.09	17,547,331.79	7,642,000.30 (1)	60-\$1.5	17.9	426,927.39	422,688.48	1.86%
	5652	Ghent Unit 2	28,358,360.55	-10.1%	-2,864,194.42	31,222,554.97	18,546,227.18	12,676,327.79 (1)	60-S1.5	20,8	609,438.84	603,387.79	2.13%
	5653	Ghent Unit 3	38,111,389.85	9.1%	-3,468,136.48	41,579,526.33	23,633,415.76	17,946,110.57 (1)	60-S1.5	23.7	757,219.86	749,701.51	1.97%
	5654	Ghent Unil 4	48,190,569.27	-8.5%	-4,096,198.39	52,286,767.66	26,306,716.71	25,980,050.95 (1)	60-S1.5	26.3	987,834.64	978,026.55	2.03%
		Total Account 314	191,722,845.06	-10.1%	-19,313,562.30	211,036,407.36	127,644,966.20	83,391,441.16			4,192,969.10	4.151,337.62	2.17%
315.00		Accessory Electric Equipment											
	5603	Trone Unit 3	570,736.22	-11.3%	-64,493.19	635,229.41	635,229.41	0.00 (1)	75-S2	15.8	0.00	0.00	0.00%
	5604	Tyrone Units 1 & 2	828,016 44	-6.4%	-52,993.05	881,009,49	881,009.49	0.00 (1)	75-S2	2.5	0.00	0.00	0.00%
	5613	Green River Unit 3	696,352.89	-9.3%	-64,760.82	761,113.71	761,113.71	0.00 (1)	75-S2	16.4	0.00	0.00	0.00%
	5614	Green River Unit 4	809,269.35	-12.1%	-97,921.59	907,190.94	907,190.94	0.00 (1)	75-S2	16.5	0.00	0.00	0.00%
	5615	Green River Units 1&2	584,072.29	-11.2%	-65,416.10	649,488.39	649,488.39	0.00 (1)	75-52	1.5	0.00	0.00	0.00%
	5621	Brown Unit 1	2,663,640.09	-3.7%	-98,554.68	2,762,194.77	2,136,179.18	626,015.59 (1)	75-S2	17,1	36,609.10	37,145.95	1.39%
	5622	Brown Unit 2	970,596.10	-15.9%	-154,324.78	1,124,920.88	912,287.58	212,633.30 (1)	75-52	16.7	12,732.53	12,919.25	1.33%
	5623	Brown Unit 3	5,076,639.52	-18.9%	-959,484.67	6,036,124.39	4,577,463.36	1,458,661.03 (1)	75-S2	16.9	86,311.30	87,577.00	1.73%
	5643	Pineville Unit 3	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0.00	(1)
	5644	Pineville Units 1 & 2	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0 00	(1)
	5650	Ghent 1 Pollution Control Equip.	3,016,784.27	-39.8%	-1,200,680.14	4,217,464.41	1,319,776.32	2,897,688.09 (1)	75-S2	17.4	166,533.80	168,975.90	5.60%
	5651	Ghent Unit 1	7,456,587.14	-16.1%	-1,200,510.53	8,657,097.67	6,385,744.31	2,271,353.36 (1)	75-52	18.8	120,816.67	122,588.36	1.64%
	5652	Ghent Unit 2	10,785,959.50	-11.1%	-1,197,241.50	11,983,201.00	8,840,614.25	3,142,586.75 (1)	75-52	21.5	146,166,83	148,310.26	1.38%
	5653	Ghent Unit 3	25,961,221.84	-4.6%	-1,194,216.20	27,155,438 04	17,808,728.79	9,346,709.25 (1)	75-S2	25.3	369,435,15	374,852.67	1.44%
	5654	Ghent Unit 4	21,869,238.82	-5.5%	-1,202,808.14	23,072,046.96	12,749,802.99	10,322,243.97 (1)	75-S2	28.3	364,743.60	370,092.32	1.69%
		Total Account 315	81,289,114.47	-9.3%	-7,553,405.59	88,842,520.06	58,564,628.73	30,277,891.33			1,303,348.98	1,322,461.72	1.63%

Attachment to Response to KU KIUC-2 Question No. 81

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Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Life Technique (Account Level Depr Rates Allocated to Location & Unit) as of December 31, 2002

Account <u>No.</u> (a)	Location Code	Description (b)	Original Cost 12/31/02 (c)	Estim Net	ated Future <u>t Salvage</u> <u>Amount</u> (e)	Original Cost Less Salvage	Book Depreciation Reserve (a)	Net Original Cost Less Salvage	A.S.L./ Survivor Curve	Average Remaining Life (0)	Annual Depr. Accrual Basis	Annual Depreciation Accrual	Annual Deprecation <u>Rate</u> (m)
(9)									, v		(47	(V)	6.0
			-										
316.00	10000	Miscellaneous Power Plant Equipmen	nt						10000 and 100				
	5591	System Laboratory	1,330,284.07	0.0%	0.00	1,330,284.07	244,560.51	1,085,723 56 (1)	60-S1	27.9	38,914.82	39,442.44	2.96%
	5603	Trone Unit 3	403,549.14	-0.7%	-2,824.84	406,373.98	245,719.29	160,654.69 (1)	60-S1	16.9	9,506.19	9,635.08	2.39%
	5604	Tyrone Units 1 & 2	47,552.54	-4.7%	-2,234.97	49,787.51	49,787.51	0.00 (1)	60-S1	2.4	0.00	0.00	0.00%
	5613	Green River Unit 3	10,833,53	-3.8%	-2,091.07	13,525.20	53,321.13	20,204.07 (1)	60-51	16.5	1,224.49	1,241.09	1./5%
	5615	Green River Units 182	190 224 48	-1 4%	-2 663 14	192 887 62	180 211 55	12 676 07 (1)	60-51	15	8450 71	8 565 29	4 50%
	5621	Brown Linit 1	293 859 48	-1 4%	4 114 03	297 973 51	201 466 86	96 506 65 (1)	60-51	16.3	5 920 65	6 000 93	2 04%
	5622	Brown Unit 2	85.647.82	-7.6%	-6.509.23	92,157.05	69.823.47	22,333,58 (1)	60-S1	15.7	1,422,52	1.441.81	1.68%
	5623	Brown Unit 3	3,695,436.94	-1.7%	-62,822.43	3,758,259.37	1,904,428.84	1,853,830,53 (1)	60-S1	16.8	110,347.06	111,843.18	3.03%
	5643	Pineville Unit 3	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0.00	(1)
	5644	Pineville Units 1 & 2	0.00	0.0%	0.00	0.00	0.00	0.00		10.0	0.00	0.00	(1)
	5650	Ghent 1 Pollution Control Equip.	985,410.01	-8.0%	-78,832.80	1,064,242.81	371,392.72	692,850.09 (1)	60-S1	17.0	40,755.89	41,308.47	4.19%
	5651	Ghent Unit 1	1,683,635.89	-4.7%	-79,130.89	1,762,766.78	1,107,233.96	655,532.82 (1)	60-S1	18.0	36,418,49	36,912.26	2.19%
	5652	Ghent Unit 2	1,478,017.69	-5.3%	-78,334.94	1,556,352.63	1,038,436.36	517,916.27 (1)	60-S1	20.0	25,895.81	26,246.92	1.78%
	5653	Ghent Unit 3	3,135,971.64	-2.5%	-78,399.29	3,214,370.93	1,849,696.44	1,364,674.49 (1)	60-51	23.2	58,822.18	59,619.71	1.90%
	5654	Gnent Unit 4	5,356,692.15	-1,370	-80,350.38	5,437,042.53	1,998,833.97	3,438,208.56 (1)	60-51	26.9	127,514.44	129,547.40	2.4270
		Total Account 316	20,719,081.14	-2.3%	-482,832.54	21,201,913.68	10,449,909.86	10,752,003.82			514,658.49	521,636.42	2.52%
		Total Steam Production Plant	1,473,314,461.38	-9.6%	-142,146,187.71	1,615,460,649.09	794,854,592.77	820,606,056.32			36,951,836.20	41,294,027.43	2.80%
		HYDRAULIC PLANT											
330.10		Land Rights								10 m			
	5691	Dix Dam	879,311.47	0.0%	0.00	879,311.47	879,311.47	0.00	50-R2.5	7.8	0.00	0.00	0.00%
	5692	Lock #7	0 00		0.00	0.00	0.00	0.00	50-R2.5	0.0	0.00	0.00	0.00%
		Total Account 330.10	879,311.47	0.0%	0.00	879,311.47	879,311.47	0.00			0.00	0.00	0.00%
331,00		Structures and Improvements											
	5691	Dix Dam	429,524.71	-15.0%	-64,428.71	493,953.42	328,160.22	165,793.20 (1)	140-L1	18.9	8,772.13	7,043.50	1.64%
	5692	Lock #7	67,902.49	-11.4%	-7,740.88	75,643.37	69,837.66	5,805.71 (1)	140-L1	1.5	3,870.48	3,107.76	4.58%
		Total Account 331	497 497 90	-14 5%	72 169 59	560 506 70	397 997 89	171 508 01			12 642 60	10 151 26	2 04%
		Total Account of	437,427.20	-14.5 /	-72,105.58	303,330.73	391,391.00	171,000,01			12,042.00	10,131.20	2.04 /6
332.00	5004	Reservoirs, Dams and Waterways	7		7 0 0 0 0	3 005 0 10 00	F 600 570 60						
	5691	Dix Dam	7,818,030.36	-0.1%	-7,818 03	7,825,848.39	5,639,672.93	2,186,175 46 (1)	150-L1.5	19.0	115,061.87	100,335.74	1.28%
	5692	LOCK #/	324,145.88	-1.8%	-5,834.63	329,980.51	288,220.44	41,760.07 (1)	150-L1.5	1.5	27,840.05	24,276.96	7.49%
		Total Account 332	8,142,176.24	-0.2%	-13,652.66	8,155,828.90	5,927,893.37	2,227,935.53			142,901.91	124,612.69	1.53%
333.00		Waterwheel, Turbines and Generator	s										
	5691	Dix Dam	418,543.74	-25.8%	-107,984.28	526,528 02	526,528.02	0 00 (1)	150-L1.5	18.9	0.00	-6 59	0.00%
	5692	Lock #7	114,065.49	-10.5%	-11,978.98	126,064.47	126,064.47	0.00 (1)	150-L1.5	1.5	0.00	-1.80	0.00%
		Total Account 333	532,629.23	-22.5%	-119,963.26	652,592.49	652,592.49	0.00			0.00	-8.39	e Charnas

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Attachment to Response to KU KIUC-2 Question No. 81

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Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Life Technique (Account Level Depr Rates Allocated to Location & Unit) as of December 31, 2002

Account No.	Location Code	Description .	Original Cost 12/31/02	Estima <u>Net</u>	ted Future Satvage Amount	Original Cost Less Salvage	Book Depreciation Reserve	Net Original Cost Less Salvage	A.S.L./ Survivor Curve	Average Remaining	Annual Depr. Accrual Basis	Annual Depreciation <u>Accrual</u>	Annual Deprecation <u>Rate</u>
(8)		DEPRECIABLE PLANT				Ŵ	(y)	())	U)	U.	(K)	0	(m)
334,00		Accessory Electric Equipment				×							
	5691	Dix Dam	85,383.13	-29.4%	-25,102.64	110,485,77	69,663.35	40,822.42 (1)	55-L1	15.1	2,703.47	3,194.89	3.74%
	5692	Lock #7	264,485.91	-1.1%	-2,909.35	267,395.26	245,974.54	21,420.72 (1)	55-L1	1.5	14,280.48	16,876.29	6.38%
		Total Account 334	349,869.04	-8.0%	-28,011.99	377,881.03	315,637.89	62,243.14			16,983.95	20,071.18	5.74%
335 00		Miscellaneous Power Plant Equipment											
	5691	Dix Dam	97,031.59	-3.5%	-3,396.11	100,427.70	50,788.41	49,639.29 (1)	55-R3	18.0	2,757.74	2,123.23	2.19%
	5692	Lock #7	66,094.89	-0.6%	-396.57	66,491.46	57,509.70	8,981.76 (1)	55-R3	1,5	5,987.84	4,610.14	6.98%
		Total Account 335	163,126.48	-2.3%	-3,792.68	166,919.16	108,298.12	58,621.04			8,745.58	6,733.36	4.13%
336.00		Roads, Railroads and Bridges											
	5691	Dix Dam	46,976.12	0.0%	0.00	46,976.12	41,111.69	5,864.43 (1)	80-R5	16.0	366.53	319.79	0.68%
	5692	Lock #7	1,169.79	0.0%	0.00	1,169.79	1,061.33	108.45 (1)	80-R5	1.5	72.31	63.09	5.39%
		Total Account 336	48,145.91	0.0%	0.00	48,145.91	42,173.02	5,972.89			438.83	382.68	0.80%
		Total Hydrautic Plant	10,612,685.57	-2.2%	-237,590.18	10,850,275.75	8,323,904.23	2,526,371.52			181,712.88	161,942.99	1.53%
		OTHER PRODUCTION PLANT											
340.10		Land Rights											
	5645	Brown 9 Pipeline	176,409,31	0.0%	0.00	176,409,31	49,181.12	127,228.19	50-R2.5	43.9	2,898,14	2,898.14	1.64%
		Total Account 340.10	176,409.31	0.0%	0.00	176,409.31	49,181.12	127,228,19			2,898.14	2,898.14	1.64%
341.00		Structures and Improvements											
	0432	Paddy's Run GT 13	1,910,327.76	-8.2%	-156,646.88	2,066,974.64	92,928.55	1,974,046.09 (1)	45-R0.5	24.6	80,245.78	79,693.63	4.17%
	0470	Trimble Co 5	3,566,217.06	-6.9%	-246,068.98	3,812,286.04	56,544.29	3,755,741.75 (1)	45-R0.5	25.4	147,863.85	146,846.45	4.12%
	0471	Trimble Co 6	3,564,353.91	-6.9%	-245,940.42	3,810,294.33	56,515.17	3,753,779.16 (1)	45-R0.5	25.4	147,786.58	146,769,71	4.12%
	5635	Brown 5	755,148.65	-11.3%	-85,331.80	840,480.45	37,043 69	803,436.76 (1)	45-R0.5	24.6	32,660.03	32,435.31	4.30%
	5635	Brown 6	133,678.33	-85.2%	-113,893.94	247,572.27	15,683.87	231,688.40 (1)	45-R0.5	22.3	10,398.58	10,327.03	7.73%
	5637	Brown 7	488,353.77	-31.7%	-154,808.15	643,161.92	54,/82.80	588,379.12 (1)	45-R0.5	23.1	25,470.96	25,295.70	5.18%
	5038	Brown B	2,012,654.95	-10.0%	-201,265.50	2,213,920.45	551,147.61	1,062,772.64 (1)	45-R0.5	22.8	72,928.62	12,426 83	3.60%
	2039	Brown 9	4,041,004.00	-0.07	-301,668.57	4,942,123,43	1,263,363.92	3,659,339,91 (1)	45-140.5	19.1	191,000.40	190,270.22	4.107
	5040	Brown to	1,003,710.20	-10.376	-195,900.41	2,001,010.01	400,110.00	1,011,002.00 (1)	43-110.5	19.9	80,980.00	00,422.01	4.317
	5696	Hafeling	434,853.46	-18.0%	-78,273.62	513,127.08	109,355.00	403,772.08 (1)	45-R0.5	7.3	55,311.24	54,930,67	12.63%
		Total Account 341	21,174,956.60	-9 3%	-1,972,676.00	23,147,632.60	3,088,998.33	20,058,634.27			926,338.46	919,964.64	4.34%
342 00		Fuel Holders Producers and Accessor											
042.00	0432	Paddy's Run GT 13	1 975 977 95	.7 6%	-150 174 33	2 126 152 27	111 401 17	2 014 751 10 (1)	55.R1	26.1	77 103 53	77 000 75	3 00%
	0470	Trimble Co 5	237 747 79	-50 5%	-120 062 63	357 810 42	4 376 02	353 434 40 (1)	55-81	26.9	13,138,83	13,106,01	5 51%00
	0471	Trimble Co 6	237.623.60	-50.6%	-120.237.54	357.861 14	4,373.11	353,488.03 (1)	55-R1	26.9	13,140,82	13,108.00	5 52%
			2011020,00		-120,201,04	557,001.14							42 of Char
													689 nas

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Attachment to Response to KU KIUC-2 Question No. 81



Table 2-Locations

Kentucky Utilities Electric Division

Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Life Technique (Account Level Depr Rates Allocated to Location & Unit) as of December 31, 2002

Account <u>No.</u>	Location Code	Description (h)	Original Cost <u>12/31/02</u> (r)	Estima Net	ted Future Salvage Amount	Original Cost Less Salvage	Book Depreciation <u>Reserve</u>	Net Original Cost Less Salvage	A.S.L.J Survivor Curve	Average Remaining	Annual Depr. Accrual Basis	Annual Depreciation Accrual	Annual Deprecation Rate
(-)				/	(0)	WI .	107		14	10	(*)	0	(m)
		DEPRECIABLE PLANT											
	0473	Trimble Co Pipeline	4,474,853.28	-18.2%	-814,423.30	5,289,276.58	95,855.07	5,193,421.51 (1)	55-R1	26.9	193,064.00	192,581.85	4.30%
	5635	Brown 5	727,929.28	-11.4%	-82,983.94	810,913.22	41,384.06	769,529.16 (1)	55-R1	26.1	29,483.88	29,410.24	4.04%
	5636	Brown 6	146,514.66	-37.7%	-55,238.03	201,750.69	19,731.26	182,019.43 (1)	55-R1	23.5	7,745.51	7,726.18	5.27%
	5637	Brown 7	145,745.15	-74.3%	-108,288,65	254,033.80	18,790.39	235,243.41 (1)	55-R1	24.3	9,680.80	9,656.62	6.63%
	5638	Brown 8	19,612.88	-668.7 %	-131,151.33	150,764.21	6,197.13	144,567.08 (1)	55-R1	24.1	5,998.63	5,983.65	30.51%
	5639	Brown 9	1,943,454.44	-9.9%	-192,401.99	2,135,856.43	587,787.17	1,548,069.26 (1)	55-R1	20.0	77,403.46	77,210.16	3.97%
	5640	Brown 10	31,737.96	-414.4%	-131,522.11	163,260.07	8,861.24	154,398.83 (1)	55-R1	20.8	7,423.02	7,404.48	23.33%
	5641	Brown 11	52,429.84	-252.1%	-132,175.63	184,605.47	12,597.47	172,008.00 (1)	55-R1	20.9	8,230.05	8,209.49	15.66%
	5645	Brown 9 Pipeune	8,151,131.81	-18.2%	-1,483,505,99	9,634,637.80	2,181,651.65	7,452,986.15 (1)	55-R1	20.0	372,649.31	371,718.67	4.56%
	5696	Hateling	181,132.61	-39.27	-71,003.98	252,136.59	160,069.45	92,067.14 (1)	55-K1	7.2	12,787.10	12,755.17	7.04%
		Total Account 342	18,325,891.25	-19.6%	-3,593,167.44	21,919,058.69	3,253,075.18	18,665,983 51			827,938.93	825,871.27	4.51%
343.00		Prime Movers											
	0432	Paddy's Run GT 13	17,355,293.47	-1.9%	-329,750.58	17,685,044.05	808,034.94	16,877,009.11 (1)	40-R0.5	24.1	700,290.83	699,971.08	4.03%
	0470	Trimble Co 5	29,842,502.10	-1.5%	-447,637.53	30,290,139.63	452,882.82	29,837,256.81 (1)	40-R0.5	24.8	1,203,115,19	1,202,565.86	4.03%
	0471	Trimble Co 6	29,826,880.91	-1.5%	-447,403.21	30,274,284.12	452,646.01	29,821,638.11 (1)	40-R0.5	24.8	1,202,485.41	1,201,936.36	4.03%
	5635	Brown 5	12,440,942.32	-1.9%	-236,377.90	12,677,320.22	584,099.27	12,093,220.95 (1)	40-R0.5	24.1	501,793.40	501,564.28	4.03%
	5636	Brown 6	31,591,711.55	-1.3%	-410,692.25	32,002,403.80	3,471,602.03	28,530,801.77 (1)	40-R0.5	21.9	1,302,776.34	1,302,181.50	4.12%
	5637	Brown 7	39,071,447.54	-1.1%	-429,785.92	39,501,233.46	3,762,389,64	35,738,843.82 (1)	40-R0,5	22,6	1,581,364.77	1,580,642.73	4.05%
	5638	Brown 8	18,625,319.58	-2.7%	-502,883,63	19,128,203.21	4,649,763.68	14,478,439.53 (1)	40-R0.5	22.2	652,181,96	651,884.18	3.50%
	5639	Brown 9	20,674,801.66	-2.4%	-496,195,24	21,170,996.90	5,251,127.97	15,919,868.93 (1)	40-R0.5	18.7	851,329.89	850,941.18	4.12%
	5640	Brown 10	18,800,096.69	-2.7%	-507,602.61	19,307,699.30	4,229,904.20	15,0//./95.10 (1)	40-RU.5	19.5	773,220.26	//2,86/.21	4.11%
	5641	Brown 11	33,050,028.28	-1.5%	-495,750.42	33,545,778.70	5,018,851.36	28,526,927.34 (1)	40-80.5	19.6	1,455,455.48	1,454,790.92	4.40%
		Total Account 343	251,279,024.10	-1.7%	-4,304,079.29	255,583,103.39	28,681,301.92	226,901,801.47			10,224,013.53	10,219,345.30	4.07%
344.00		Generators											
	0432	Paddy's Run GT 13	5,185,636.11	-6.7 %	-347,437.62	5,533,073.73	307,414,14	5,225,659.59 (1)	42-R5	28.4	184,002.10	186,800.15	3.60%
	0470	Trimble Co 5	3,734,423.83	-11.9%	-444,396.44	4,178,820.27	72,278.13	4,106,542.14 (1)	42-R5	29.4	139,678.30	141,802.34	3.80%
	0471	Trimble Co 6	3,732,468.71	-11.9%	-444,163.78	4,176,632.49	72,240.28	4,104,392.21 (1)	42-R5	29,4	139,605.18	141,728.10	3.80%
	5635	Brown 5	2,831,528.33	-8.4%	-237,848.38	3,069,376.71	116,618.79	2,952,757.92 (1)	42-R5	28.4	103,970.35	105,551.39	3.73%
	5636	Brown 6	3,712,619.52	-11.6%	-430,663.86	4,143,283.38	526,458.34	3,616,825.04 (1)	42-85	25.4	142,394.69	144,560.03	3.89%
	5637	Brown 7	3,722,788.48	-11.5%	-428,120.67	4,150,909.13	505,168.50	3,044,740.03 (1)	42-85	20.4	138,058.36	140,107.70	3,1076
	5638	Brown 8	4,953,960,72	-10,47	-515,211,91	5,409,172.03	1,007,110.00	3,012,057.50 (1)	42-R0	20.2	140,480.30	105 484 33	2.50%
	5640	Brown 9	5,452,040.97	-9,376	-517,945.09	5,509,504.00	1,049,202.33	4,120,702.33 (1)	42-85	27.4	179 058 81	181 781 70	3 68%
	5641	Brown 10	5 187 040 30	-10.4%	513 516 99	5 700 557 20	1 365 544 57	4 335 012 72 (1)	42-R5	22.4	193 527 35	196 470 26	3 79%
	5696	Hafeling	4,023,002.37	-6.5%	-261,495.15	4,284,497.52	3,495,007.49	789,490.03 (1)	42-R5	7.0	112,784.29	114,499.36	2.85%
		Total Account 344	47,479,932.03	-9.8%	-4,655,018 65	52,134,950.68	11,415,853.11	40,7 19,097.57			1,671,133.99	1,696,546.34	3.57%
345 00		Accessory Electric Equipment											
	0432	Paddy's Run GT 13	2,456,320.01	-1.6%	-39,301.12	2,495,621,13	125,405.92	2,370,215.21 (1)	45-R5	28.5	83,165.45	82,602.70	3 36% 👈
	0470	Trimble Co 5	1,664.234.64	-3.0%	-49.927.04	1,714,161.68	27.740.69	1,686,420.99 (1)	45-R5	29.5	57,166.81	56,779.99	3.41%
	0471	Trimble Co 6	1,663,365.15	-3.0%	-49,900.95	1,713,266.10	27,726.13	1,685,539.97 (1)	45-R5	29.5	57,136.95	56,750.33	3.41%
													43 of 689 Charnas

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Attachment to Response to KU KIUC-2 Question No. 81

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Table 2-Locations

Kentucky Utilities Electric Division

Summary of Original Cost of Utility Plant in Service and Calculation of Annual Depreciation Rates and Depreciation Expense Based Upon Utilization of Book Deprecation Reserve and Average Remaining Life Technique (Account Level Depr Rates Allocated to Location & Unit) as of December 31, 2002

Account <u>No.</u> (a)	Location Code	Description (b)	Original Cost <u>12/31/02</u> (c)	Estima <u>Net</u> (d)	ited Future Satvage Amount (e)	Original Cost Less Salvage (I)	Book Depreciation Reserve (0)	Net Original Cost Less Salvage (h)	A.S.L./ Survivor <u>Curve</u> (I)	Average Remaining Life (j)	Annual Depr. Accruat <u>Basis</u> (k)	Annual Depreciation <u>Accrual</u> (!)	Annual Deprecation <u>Rate</u> (m)
		DEPRECIABLE PLANT											
	5635	Brown 5	2,265,166.84	-1.2%	-27,182.00	2,292,348.84	169,269.40	2,123,079.44 (1)	45-R5	28.5	74,494.02	73,989.95	3.27%
	5636	Brown 6	1,354,816.11	-3.6%	-48,773.38	1,403,589.49	165,517.84	1,238,071.65 (1)	45-R5	25 5	48,551.83	48,223.30	3.56%
	5637	Brown 7	1,347,700.35	-3 6%	-48,517.21	1,396,217.56	157,809.63	1,238,407.93 (1)	45-R5	26 5	46,732.37	46,416.16	3.44%
	5638	Brown 8	1,797,053.82	-3.3%	-59,302.78	1,856,356.60	516,223.20	1,340,133.40 (1)	45-R5	26.3	50,955.64	50,610.85	2.82%
	5639	Brown 9	3,226,186.26	-1.8%	-58,071.35	3,284,257.61	926,881.86	2,357,375.75 (1)	45-R5	21.5	109,645.38	108,903.46	3.38%
	5640	Brown 10	1,804,419.47	-3.2%	-57,741.42	1,862,160.89	455,008.19	1,407,152.70 (1)	45-R5	22.5	62,540.12	62,116.94	3.44%
	5641	Brown 11	916,326.28	-6.4%	-58,644.88	974,971.16	207,761.39	767,209.77 (1)	45-R5	22.5	34,098.21	33,867.48	3.70%
	5696	Hafeling	621,206.80	-4.7%	-29,196.72	650,403.52	492,390.44	158,013.08 (1)	45-R5	7.1	22,255.36	22,104.77	3.56%
		Total Account 345	19,116,795.73	-2.8%	-526,558.85	19,643,354.58	3,271,734.71	16,371,619.87			646,742.15	642,365.93	3.36%
346 00		Miscellaneous Power Plant Equipm	ent										
	0432	Paddy's Run GT 13	1,089,550.03	-0.5%	-5,447.75	1,094,997.78	53,681.91	1,041,315.87 (1)	30-R1	23.0	45,274.60	45,198.31	4.15%
	5635	Brown 5	2,085,163.17	-0.2%	-4,170.33	2,089,333.50	103,598.68	1,985,734.82 (1)	30-R1	23.0	86,336.30	86,190.81	4.13%
	5636	Brown 6	18,003.82	-37.2%	-6,697.42	24,701.24	1,852.51	22,848.73 (1)	30-R1	20,9	1,093.24	1,091.40	6.06%
	5637	Brown 7	15,776.54	-40.2%	-6,342.17	22,118,71	1,774,61	20,344.10 (1)	30-R1	21.4	950.66	949.06	6.02%
	5638	Brown 8	230,068.72	-3.5%	-8,052.41	238,121.13	63,080.90	175,040.23 (1)	30-R1	20.4	8,580.40	8,565.94	3.72%
	5639	Brown 9	760,255.37	-1.1%	-8,362.81	768,618.18	208,250.52	560,367.66 (1)	30-R1	17,6	31,839.07	31,785.42	4.18%
	5640	Brown 10	241,523.31	-3.3%	-7,970.27	249,493.58	54,067.02	195,426.56 (1)	30-R1	18.4	10,621.01	10,603.11	4.39%
	5641	Brown 11	204,854.53	-3.9%	-7,989.33	212,843.86	39,269,61	173,574.25 (1)	30-R1	18,7	9,282.05	9,266.40	4.52%
	5696	Hafeling	35,805.20	-11.2%	-4,010.18	39,815.38	27,184.63	12,630.75 (1)	30-R1	6.0	2,105.12	2,101.58	5.87%
		Total Account 346	4,681,000.69	-1.3%	-59,042.67	4,740,043.36	552,760.39	4,187,282.97			196,082.45	195,752.02	4.18%
		Total Other Production Plant	362,234,009.71	-4.2%	-15,110,542.90	377,344,552.61	50,312,904.75	327,031,647.86			14,495,147.65	14,502,743.65	4.00%

(1) Reserve Balance Amortized Over 10 Years

(2) Based Upon Mid Year Convention From Embedded ARL

(3) Ash Ponds at Pineville Remain To Be Closed-Any Remaining Residual Reserve After Such Expenditures Will Be Adjusted Accordingly

Summary of Original Cost of Utility Plant in Service and Interim and Terminal Net Salvage

			_								L1	nterim Ret	tirement Rat	te Calculatio	n		
			Original		E	timated Full	ure Net Salvag	e.		Interim	Avg Age	owa Curve	1	Interim	intenm		Interim Ret,
Account	Location	L 122	Cost	Interim N	et Salvage	Terminal N	et Salvage	Total N	et Salvage	Ret	At Ret.	Percent	Percent	Retired	Retired	Factored	% Of Total
No.	Code	Description	12/31/02	<u>*</u>	Amount	* -	Amount	<u>*</u>	Amount	ASL/Curve	(Yrs)	SUL	Retirement	Amount	Rate	Amount	Investment
(=)	(0)	101	(0)	(e)		(D)	(11)		U)	(K)	(1)	(m)	(n)	(0)	(0)	(q)	(1)
		DEPRECIABLE PLANT															
		STEAM PLANT															
311.00		Structures and Improvements	0001-12-12-120	2 8	172.17												
	5591	KU Generation-Common	805,715.B2	-0.4%	-3,223	0.0%	0	-0.4%	-3,223	90-S1.5	39.9	92%	8%	64,457	-5%	-3,223	-0.4%
	5603	Trone Unit 3	5,293,882,85	-0.4%	-21,176	-7.7%	-407,629	-8.1%	-428,805	90-S1.5	39.9	92%	8%	423,511	-5%	-21,176	-0.4%
	5604	Tyrone Units 1 & 2	589,405,14	-0.4%	-2,358	-14.3%	-84,285	-14.7%	-86,643	90-51.5	39,9	92%	8%	47,152	-5%	-2,358	-0.4%
	5013	Green River Unit 3	2,009,004.71	0.4%	-11,239	-14.37	-407,422	15 54	-410,001	90-51.5	39.9	9276	87	224,784	-5%	-11,239	-0.4%
	5615	Green River Units 182	3 707 160 20	0.4%	-10,390	10.0%	-019,008	-15.5%	420 070	90-51.5	39.9	927	07	327,951	-07	-10,396	-0.4%
	5621	Brown Hold 1	4 089 137 49	0.4%	-16 353	-15 2%	-621 397	15.6%	-637 749	90-51.5	30.0	92%	8%	303,773	-376	-15,169	-0.4%
	5622	Brown Unit 2	1 452 821 22	-0.4%	-5.811	-16.9%	-245 527	-17.3%	-251 338	90-51.5	39.9	92%	8%	116 226	-5%	-5 811	04%
	5623	Brown Unit 3	12.078,731.61	-0.4%	-48,315	-21.6%	-2.609.006	-22.0%	-2.657.321	90-S1.5	39.9	92%	8%	966.299	-5%	-48.315	0.4%
	5650	Ghent 1 Pollution Control Equip.	24,352,142.19	-0.4%	-97.409	-13.4%	-3,263,187	-13.8%	-3,360,596	90-S1.5	39.9	92%	8%	1,948,171	-5%	-97,409	-0.4%
	5651	Ghent Unit 1	16,838,431.28	-0.4%	-67,354	-19.4%	-3,266,656	-19.8%	-3,334,009	90-S1.5	39.9	92%	8%	1,347,075	-5%	-67,354	-0 4%
	5652	Ghent Unit 2	16,012,536.37	-0.4%	-64,050	20.3%	-3,250,545	-20.7%	-3,314,595	90-S1.5	39.9	92%	8%	1,281,003	-5%	-64,050	-0.4%
	5653	Ghent Unit 3	40,539,913.20	-0.4%	-162,160	-8.0%	-3,243,193	-8.4%	-3,405,353	90-S1.5	39.9	92%	8%	3,243,193	-5%	-162,160	-0.4%
	5654	Ghent Unit 4	21,953,259.20	-0.4%	-87,813	-14.8%	-3,249,082	-15.2%	-3,336,895	90-S1.5	39.9	92%	8%	1,756,261	-5%	-87,813	-0.4%
		Total Account 311	154,711,332.22	-0.4%	-618,845	-14.0%	-21,680,827	-14.4%	-22,299,672								
312.00		Boller Plant Equipment															
	5603	Trone Unit 3	8,663,220.42	-4.8%	-415,835	-8.2%	-710,384	-13.0%	-1,126,219	70-L1.5	34.7	81%	19%	1,646,012	-25%	-411,503	-4.8%
	5604	Tyrone Units 1 & 2	3,549,368.50	-4.8%	-170,370	-16.5%	-585,646	-21.3%	-756,015	70-L1.5	34,7	81%	19%	674,380	-25%	-168,595	-4.8%
	5613	Green River Unit 3	9,061,059.75	-4.8%	-434.931	-7.8%	-706,763	-12.6%	-1.141.694	70-L1.5	34.7	81%	19%	1,721,601	-25%	-430,400	-4.8%
	5614	Green River Unit 4	18,776,499.07	-4.8%	-901,272	-5.7%	-1,070,260	-10.5%	-1,971,532	70-L1.5	34.7	81%	19%	3,567,535	-25%	-891,884	-4.8%
	5615	Green River Units 162	12,249,873.99	-4.8%	-587,994	-5.8%	-710,493	-10.6%	-1,298,487	70-L1.5	34.7	81%	19%	2,327,476	-25%	-581,869	-4.8%
	5621	Brown Unit 1	32,815,581.55	-4.6%	-1,5/5,148	-3.3%	-1,082,914	-8.1%	-2,658,062	70-L1.5	34.7	81%	19%	6,234,960	-25%	1 225 495	-4.6%
	5622	Brown Unit 2	20,010,201.59	-4.07	-1,240,450	-0.5%	-1,090,003	10.24	7 206 718	70-115	24.7	017	197	4,941,930	-237	3 307 093	4.07
	5643	Brown Unit 3	226 922 50	0.0%	-3,433,730	0.0%	-3,002,909	0.0%	-7,230,718	70-61.5	34.1	Q17	. 137	13,391,927	-237	-3,351,802	-4.0 %
	5650	Cheat 1 Pollution Control Fouin	RE 308 758 05	-4 8%	4 142 820	-5.6%	-4 833 290	-10 4%	-8 976 111	70.115	34 7	815	19%	16 398 664	-25%	-4 099 666	-4.8%
	5651	Ghent Unit 1	BB 268 090 96	-4.8%	-4 236 868	-5.4%	4 766 477	-10.2%	-9 003 345	7D-115	34 7	81%	19%	16 770 937	25%	-4.192.734	-4.8%
	5652	Ghent Unit 2	66 733 989 30	-4.8%	-4,163,231	-5.5%	-4.770.369	-10.3%	-8.933.601	70-L1.5	34.7	81%	19%	16.479.458	-25%	-4.119.864	-4.8%
	5653	Ghent Unit 3	169,648,430,42	-4.8%	-8,143,125	-2.8%	-4,750,156	-7.6%	-12,893,281	70-L1.5	34.7	819	6 19%	32,233,202	-25%	-8,058,300	-4.8%
	5654	Ghent Unit 4	168,701,912,41	-4.8%	-8,097,692	-2.8%	-4,723,654	-7.6%	-12,821,345	70-L1.5	34.7	819	19%	32,053,363	-25%	-8,013,341	-4,8%
	5659	Ghent 4 Rad Cars	7,647,232.19	-4.8%	-367,067	0.0%	0	-4.8%	-367,067	70-L1.5	34.7	819	19%	1,452,974	-25%	-353,244	-4.8%
		Total Account 312	790,197,504.49	-4.8%	-37.918,592	-4.3%	-34.264,038	-9,1%	-72,182,630								
314.00		Turbogenerator Units											22 22220 AV			5 (Samathan 19	00 M200 M
	5603	Trone Unit 3	2,649,841,16	-6.3%	-166,940	-8.4%	-222,587	-14.7%	-389,527	60-\$1.5	38.0	759	6 25%	662,460	-25 X	-165,61	-6.3%
	5604	Tyrone Units 1 & 2	1,592,029.04	-6 3%	-100.298	-11.6%	-184,675	-17.9%	-284,973	60-S1.5	38.0	759	25%	398,007	-25%	-99,50	-6,3%
	5613	Green River Unit 3	2,651,645.58	-6.3%	-167,054	-8.4%	-222,738	-14.7%	-389,792	60-S1.5	38.0	757	20%	2 080 000	-25%	-165,72	-0.3%
	5615	Green River Unit 182	2 762 747 20	-0.3%	-524,388	-4.1%	-341,209	-14 5%	-665,657	60-51.5	38.0	757	25% 6 25%	690 687	-25%	-172 67	-63%
	5621	Brown Unit 1	4 694 847 01	-6.3%	-295 775	-7 24	-220,045	-13.5%	-633 804	60-51.5	38.0	759	25%	1.173.712	-25%	-293.42	-6.3%
	5622	Brown Unit 2	8 729 916 37	-6.3%	-549 985	-6 1%	-532,525	-12.4%	-1.082.510	60-S1.5	38.0	759	25%	2,182,479	-25%	-545,620	-6,3%
	5623	Brown Unit 3	22,985,210 48	-6.3%	1.448.068	-3.8%	-873,438	-10.1%	-2.321.506	60-S1.5	38.0	755	25%	5,746,303	-25%	-1,436,57	-6.3%
	5651	Ghent Unit 1	22,672,666.15	-6.3%	-1,428,378	-4.8%	-1,088,288	-11.1%	-2,516,666	60-S1.5	38.0	759	25%	5,668,167	-25%	-1,417,04	-6.3%
	5652	Ghent Unit 2	28,358,360.55	-6.3%	-1,786,577	-3.8%	-1.077,618	.10.1%	-2,864,194	60-S1.5	38.0	759	6 25%	7,089,590	-25%	-1,772,39	-6.3%
	5653	Ghent Unit 3	38,111,389 85	-6.3%	-2,401,018	-2 8%	-1.067,119	-9.1%	-3,468,136	60-S1.5	38.0	759	6 25%	9,527.847	-25%	-2,381,96	-6.3%
	5654	Ghent Unit 4	48, 190, 569 27	-6.3%	-3,036,006	-2.2%	-1,060,193	-8.5%	-4,096,198	60-\$1.5	38.0	755	25%	12,047,642	-25%	-3,011,91	-6.3%

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Table 2-a

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Summary of Original Cost of Utility Plant in Service and Interim and Terminal Net Safvage

			Original		-					3	1	nterim Rei	irement Ra	e Calculation	n		
Account	Location		Unginal		E	stimated Ful	ure Net Satvac	10		Interim	Avg Age	owa Curve		Interim	Interim		Interim Ret.
No	Code	Description	LOSI	Interim I	Vet Salvage	Terminal	let Salvage	Total N	let Salvage	Ret	At Rel.	Percent	Percent	Retired	Retired	Factored	% Of Total
(7)	COOCE	Description	12/31/02	<u>×</u>	Amount	<u>×</u>	Amount	*	Amount	ASL/Curve	(Yrs)	Surv	Retirement	Amount	Rate	Amount	Investment
1-3	(4)		(a)	(0)	τ0	(Q)	(h)	(1)	ü	(*)	(1)	(m)	(n)	(0)	(9)	(q)	(r)
		Total Account 314	191 722 R46 06	.6 34	12 078 520	2.04	7 096 000	10.101									(A)
			101,122,040,00	-0.3 /	-12,078,539	-3.8%	-7,235,023	-10.1%	-19,313,562								
315.00		Accessory Electric Equipment															
	5603	Trone Unit 3	570 736 22	0.0%	٥	11 28	E4 402	11.28	C 4 4 C C		10.000	121210.0					
	5604	Tyrone Units 1 & 2	828.016 44	D 0%	Ň	-6.4%	-04,493	-11.378 E AM	-64,493	75-52	43,8	89%	11%	62,781	0%	0	0.0%
	5613	Green River Unit 3	696,352,89	0.0%	Ň	.0.7%	-52,555	-0,47	-52,993	75-52	43.8	89%	11%	91,082	0%	0	0.0%
	5614	Green River Unit 4	809,269,35	0.0%	õ	12 1%	.97 922	12 1%	-04,/01	75-52	43.8	89%	11%	76,599	0%	0	0.0%
	5615	Green River Units 1&2	584,072,29	0.0%	ō	-11.2%	-65 416	11 2%	-57,522	75.92	43.0	6976	11%	89,020	0%	0	0.0%
	5621	Brown Unit 1	2,663,640.09	0.0%	0	-3.7%	-98,555	-3.7%	-98 555	75.52	43.8	037	11%	64,248	0%	0	0.0%
	5622	Brown Unit 2	970,596.10	0.0%	0	-15.9%	-154,325	-15.9%	-154.325	75-52	43.8	ROM	1156	293,000	0%	0	0.0%
	5623	Brown Unit 3	5,076,639.52	0.0%	0	-18.9%	-959,485	-18.9%	-959,485	75-S2	43.8	89%	11%	558 430	0%	0	0.0%
	5650	Ghent 1 Pollution Control Equip.	3,016,784.27	0.0%	0	-39.8%	-1,200,680	-39.8%	-1,200,680	75-52	43.B	89%	11%	331,846	0%	0	0.0%
	5652	Check Lieut 2	7,456,587,14	0.0%	0	-16.1%	-1,200,511	-16.1%	-1,200,511	75-52	43.8	89%	11%	820,225	0%	ŏ	0.0%
	5653	Gheni Unit 3	10,785,959.50	0.0%	0	-11.1%	-1,197,242	-11.1%	-1,197,242	75-\$2	43.8	89%	11%	1,186,456	0%	0	0.0%
	5654	Ghent Unit 4	23,301,221.04	0.0%	0	-4.0%	-1,194,216	-4.6%	-1,194,216	75-S2	43.8	89%	11%	2,855,734	0%	0	0.0%
			21,000,200,02	0.076	U	-3.376	-1,202,808	-5.5%	-1,202,808	75-S2	43.8	69%	· 11%	2,405,616	0%	0	0.0%
		Total Account 315	81 289 114 47	0.0%	n	.0 3%	7 553 406	0.24	7 552 405								
							1,000,400	· 5.0 A	-1,553,406								
316.00		Miscellaneous Power Plant Equip	ment														
	5591	System Laboratory	1,330,284,07	0.0%	0	0.0%	0	0.0%	0	60-51	33.5	819/	104	269 764	Der		
	5603	Trone Unit 3	403,549.14	0.0%	0	-0.7%	-2,825	-0.7%	-2.825	60-S1	33.5	R1%	19%	76 674	0%	0	0.0%
	5604	Tyrone Units 1 & 2	47,552.54	0.0%	0	-4.7%	-2,235	-4.7%	-2.235	60-S1	33.5	61%	19%	9.035	0%	0	0.0%
	5613	Green River Unit 3	70,833.53	0.0%	Ċ.	-3.8%	-2,692	-3.8%	-2,692	60-S1	33.5	81%	19%	13 458	0%	0	0.0%
	5614	Green River Unit 4	1,961,965.76	0.0%	0	-0.2%	-3,924	-0.2%	-3,924	60-S1	33.5	81%	19%	372,773	0%	Ö	0.0%
	5615	Green River Units 1&2	190,224.48	0.0%	0	1.4%	-2,663	-1.4%	-2,663	60-S1	33.5	81%	19%	36,143	0%	ō	0.0%
	5621	Brown Unit 1	293,859.48	0.0%	0	-1.4%	-4,114	-1.4%	-4,114	60-S1	33.5	81%	19%	55,833	0%	ō	0.0%
	5622	Brown Unit 2	85,647.82	0.0%	0	-7.6%	-6,509	-7.6%	-6,509	60-S1	33.5	81%	19%	16,273	0%	ō	0.0%
	5623	Brown Unit 3 Charl 1 Belluting Control Francis	3,695,436,94	0.0%	0	-1.7%	-62,822	-1.7%	-62,822	60-S1	33.5	81%	19%	702,133	0%	0	0.0%
	5651	Ghent Light 1	985,410.01	0.0%	0	-8.0%	-78,833	-8.0%	-78,833	60-S1	33.5	81%	19%	187,228	0%	0	0.0%
	5652	Ghent Unit 2	1,003,030.09	0.0%	u A	-4.7%	-79,131	-4.7%	-79,131	60-S1	33.5	81%	19%	319,891	0%	0	0.0%
	5653	Ghent Unit 3	3 135 071 64	0.0%	ů,	-5.3%	-78,335	-5 3%	-78,335	60-S1	33.5	61%	19%	260,823	0%	0	0.0%
	5654	Ghent Unit 4	5 356 692 15	0.0%	ő	*2.37a	-70,399	-2.3%	-78,399	60-S1	33.5	81%	19%	595,835	0%	0	0.0%
			-,,	0.070	•	-1.9 /4	-00,000	-1.3 /	-00,350	00-31	23.5	61%	19%	1,017,772	0%	0	0.0%
		Total Account 316	20,719,081,14	0.0%	0	-2.3%	-462 633	-2.3%	-482 833								
			22 B			1000			1012,000								
		Total Steam Production Plant	1,238,639,877.38	-4.1%	-50,615,977	-5.7%	-71,216,126	-9.8%	-121 832 103								
		HYDRAULIC PLANT															
330.10	6601	Land Rights															
	5692	Lock #7	879,311,47	0.0%	0	0.0%	0	0 0%	O	50-R2.5			100%	879,311	0%	0	0.0%
	GOOL	COCK #/	0.00	0.0%	Ų	0.0%	0		0								
		Total Account 330.10	879.311.47	0.0%	D.	0.0%	0	0.0%	0								
							v	0.07	v								
331.00		Structures and Improvements															
	5691	Dix Dam	429,524,71	-2.8%	-12,027	-12.2%	-52,402	-15.0%	-64,429	140-L1	49,5	86%	14%	60,133	-20%	-12.027	-2.8%
	5692	Lock #7	67,902.49	-2.8%	-1,901	-8.6%	-5,840	-11 4%	-7,741	140-L 1	49,5	86%	14%	9,506	-20%	-1,901	-2.8%
		Tesel August 22	17 17	1.250 Carlos										101-00-00-00			
		I Dial Account 331	497,427.20	-2.8%	-13,928	-11.7%	-58,242	-14.5%	-72,170								
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Table 2-a

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Summary of Original Cost of Utility Plant in Service and Interim and Terminal Net Salvage

											lr	terim Ret	irement Rat	e Calculatio	n		
			Original		Est	imated Futu	re Net Salvage	0		Interim	Avg Age to	wa Curve		Interim	Interim		Interim Ret.
Account	Location	(545) 80.00	Cost	Interim N	et Salvage	Terminal No	t Salvage	Total N	t Salvage	Ret	At Ret.	Percent	Percent	Retired	Retired	Factored	% Of Total
No.	Code	Description	12/31/02	× -	Amount	<u>×</u>	Amount	×.	Amount	ASUCurve	(Yrs)	Surv	Retirement	Amount	Rate	Amount	Investment
(3)	(b)	(c)	(đ)	(e)	(1)	(g)	(h)	(i)	Ø	(%)	n	(m)	(n)	(0)	(p)	(p)	(1)
332.00		Reservoirs, Dams and Waterways															
002.00	5601	Div Dam	7 818 030 36	0.0%	0	.0.1%	7 818	.0.1%	. 7 910	160 1 1 6	63.0	008/		050.000			0.01
	5607	Lock #7	334 146 89	0.01	0	1.01	*1,010 £ 025	-0.176	-7.010	130-11.5	530	89%	11%	829,983	0%	0	0.0%
	2095	LOCK	324,143.00	0.0%	v	-1.076	-5,635	-1.07	-5,635	150-L1.5	53.0	89%	11%	35,656	0%	0	0,0%
		Total Account 332	8,142,176.24	0%	0	-0.2%	-13,653	-0.2%	-13,653								
333.00		Waterwheel, Turbines and Generators															
	5691	Dix Dam	418 543 74	0.0%	0	-25.8%	-107 984	-25.8%	-107 984	150-115	62.0	87%	134	54 411	0%	0	0.0%
	5692	Lock #7	114,085,49	0.0%	0	-10.5%	-11,979	-10.5%	-11,979	150-L1.5	02.0	87%	13%	14,831	0%	0	0.0%
		Total Account 333	532 629 23	0.0%	0	-22 5%	-110.063	.22 58	110.062								
			332,023.23	0.0 %	U	-22.37	-119,903	·22.5 %	-119,903								
334,00	555	Accessory Electric Equipment		1202.00	225	22.000	102 03	121213-0004	0.011 010		•						
	5691	Dix Dam	85,383.13	0.0%	0	-29.4%	-25,103	-29.4%	-25,103	55-L1	23.6	74%	26%	22,200	0%		0.0%
	5692	Lock #7	264,485.91	0.0%	0	-1.1%	-2,909	-1.1%	-2,909	55-L1	23 6	74%	26%	68,766	0%	, c	0.0%
		Total Account 334	349,869.04	0.0%	O	-8.0%	-28,012	-8.0%	-28,012								
335.00		Miscellaneous Power Plant Equipmen															
335.00	5501	Div Dam	07 031 60	0.0%	0	3 58	-1 706	3 5%	-1 106	55.93	23 3	00%	10%	9 703	0%		0.0%
	5692	Lock #7	66,094,89	0.0%	ő	-0.6%	-3,330	-0.6%	-397	55-R3	23.3	90%	10%	6,609	0%		0.0%
		Taul Association	100 100 10	0.00	•		2 702		2 702					10040300			
		Total Account 335	103,120.40	0.0%	v	-2.37	-3'1.92	-2.376	-3,793								
336.00		Roads, Railroads and Bridges															
	5691	Dix Dam	46,976.12	0.0%	0	0.0%	0	0.0%	0	80-R5	12.0	50%	50%	23,488	0%		0.0%
	5692	Lock #7	1,169.79	0.0%	0	0.0%	0	0.0%	0	60-R5	12.0	50%	50%	585	0%		0.0%
		Total Account 336	48,145.91	0.0%	0	0.0%	D	0.0%	0								
		Total Hydraulic Plant	10 612 685 57	0%	-13 92R	.2 1%	-223 662	.2.2%	.237 590								
			10,012,000.01		10,020		220,002	2.2.4	201,000								
		OTHER PRODUCTION PLANT															
340.10		Land Rights															
	5645	Brown 9 Pipeline	176,409.31	0%	0	0.0%	0	0.0%	0	50-R2.5			100%	176,409	-159	-26,46	1 •15.0%
		Total Account 340.10	176,409.31	0%	0	0.0%	0	0.0%	0								
341.00		Structures and Improvements															
011.00	0432	Paddy's Run GT 13	1 910 327 76	.3 0%	-74 503	4 34	-97 144	.9.2%	-156 647	45-80.5	18.8	74%	26%	496 685	-155	-74 50	3 .39%
	0432	Trimble Co 5	3 566 217 06	3.0%	130 082	3.0%	106 087	6.0%	-246.069	45-80.5	18.6	744	26%	927 216	.155	4 .139.08	2 .3.9%
	0470	Trimble Co S	3,500,217 00	2.04	135.002	-3.0%	-100,901	-0.5 %	246,003	45 00 5	10.0	749	201	026 725	10	130.01	0 .2 .0%
	0471	I INTIDIE CO 6	3,564,353.91	-3.97	-139,010	-3.07	-106,931	-0.97	-245,940	45-R0.5	10.0	747	20%	920,732	-137	0139,01	4 3.5%
	5035	Brown 5	/ 55,146.05	-3,9%	-29,451	-/.474	-35,661	-11.3%	-05,332	45-R0.5	100	747	2070	190,338	-157	-25,45	3 3.5%
	5635	Brown b	133,678.33	-3.9%	-5,213	-81.37	-108,680	-85.2%	-113,894	45-RU.5	188	747	2070	34,/56	-137	-0,21	3 -3,97a
	5637	Brown /	488,353.77	-3.9%	-19,046	-27.8%	-135,762	-31.7%	-154,808	45-RU.5	18.8	749	26%	126,972	-157	-19,04	-3.9%
	5638	Brown 8	2,012,654,95	-3.9%	-78,494	-6.1%	-122,772	-10.0%	-201,265	45-RU.5	18.6	147	26%	523,290	-157	-/8.49	4 -3,9%
	5639	BIOWN 9	4,641,054.86	-3.9%	-181,001	-2.67	-120,667	-0.5%	-301,669	45-R0.5	18.6	/49	26%	1,206,674	-157	-161,00	3.97
	5640	Brown 10	1,865,718 20	-3.9%	-72,763	-6 6%	-123,137	-10,5%	-195,900	45-10 5	18.8	/47	26%	485,087	-157	-12,10	-3,97
	5696	Hafeling	1,802,595.65	-3.9%	-70,301	-6 8%	-122,5/7	-10.7%	-192,878	45-R0.5	18.8	747	26%	468,675	-151	-16,95	9 -3.9%
							0.014										a
		Total Account 341	21,174,956.60	-3.9%	-825,823	-5 4%	-1,146,853	-9.3%	-1,972,676								

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Table 2-a

Summary of Original Cost of Utility Plant in Service and Interim and Terminal Net Salvage

			Original			the stand First				Interim Retirement Rate Calculation							
Account	Location		Cont	letere	E	stimated Fut	ure Net Salvar	1¢		<u>Interim</u>	Avg Age	owa Curve		Interim	Interim	8 B	Interim Ret.
No	Code	Description	12/21/02	menm	Net Salvage	Lerminal N	tel Salvage	Total N	Vel Salvage	Ret	Al Rel.	Percent	Percent	Retired	Retired	Factored	% Of Total
	2000	Description	12/31/02	<u></u>	Amount	<u> </u>	Amount	<u>×</u>	Amount	ASL/Curve	(Yrs)	Surv	Retirement	Amount	Rate	Amount	Investment
(=)	(0)	(0)	(6)	(0)	(1)	(Q)	(h)	(1)	(I)	(k)	Ø	(m)	(n)	(0)	(0)	(q)	(r)
342.00		Fuel Holders, Producers and Acc	8550FV														05454
10000	0432	Paddy's Run GT 13	1 975 977 95	.3.7%	.63 321		00.042	7.04			2020020	5025012					
	0470	Trimble Co 5	237 747 79	3.2%	-7 609	.47.34	-00,943	50 EV	-150,174	55-R1	21.7	79%	21%	414,955	-15%	-62,243	-3.2%
	0471	Trimble Co 6	237 623 60	3.24	.7.608	47.370	-112,400	-30.3%	-120,063	55-R1	21.7	79%	21%	49,927	-15%	-7,489	-3.2%
	0473	Trimble Co Pineline	4 474 853 28	3.2%	142 105	47.47	-112,634	-50.0%	-120,238	55-R1	21.7	79%	21%	49,901	-15%	-7,485	-3,2%
	5635	Brown 5	727 020 28	3 24	22 204	-13.0%	-6/1,228	-16.2%	-814,423	55-R1	21.7	79%	21%	939,719	-15%	-140,958	-3.2%
	5636	Brown 6	146 514 66	.2.24	*23,234	-0.27	-29,690	-11.4%	-82,984	55-R1	21.7	79%	21%	152,865	-15%	-22,930	-3.2%
	5637	Brown 7	145,314.00	3.24	-4,000	-34,37	-50,548	-31.1%	-55,236	55-R1	21.7	79%	21%	30,768	-15%	-4,615	-3.2%
	5638	Brown 8	19 612 88	.3.2%		*/ 1.176 ECE EN	-103,625	-/4.3%	-108,289	55-R1	21.7	79%	21%	30,606	-15%	-4,591	-3.2%
	5639	Brown 9	1 943 454 44	-3.2%	-020	-000.0%	-130,524	-668.7%	-131,151	55-R1	21.7	79%	21%	4,119	-15%	-618	-3.2%
	5640	Brown 10	31 737 96	3.2%	1010	-0.776	+130,211	-9,9%	-192,402	55-R1	21.7	79%	21%	408,125	-15%	-61,219	-3.2%
	5641	Brown 11	52 4 29 84	3.24	-1.679	-411.276	-130,506	-414.4%	-131,522	55-R1	21.7	79%	21%	6,665	-15%	-1,000	-3.2%
	5645	Brown 9 Pipeline	B 151 131 B1	3 24	-260 826	15.0%	1 222 670	-232.17	-132,176	55-R1	21.7	79%	21%	11.010	-15%	-1,652	-3.2%
	5696	Hafeling	181 132 61	.3.2%	-200,000	-15.0%	-1,222,070 EE 200	-10.2%	-1,483,506	55-R1	21.7	79%	21%	1,711,738	-15%	-256,761	-3.2%
		1.1.7.0.7.0.4.	,01,102.01	-0.2 /4	-3,130	-30.0%	-05,208	-39,276	-/1,004	55-R1	21,7	79%	21%	38,038	-15%	-5,706	-3.2%
		Total Account 342	18,325,891,25	-3.2%	-586.429	-16 4%	-3 006 739	-19.6%	3 593 167								
								C.C.C.C.S.C.C.	0,000,101								
343.00		Prime Movers															
	0432	Paddy's Run GT 13	17,355,293,47	0.0%	0	-1.9%	-329,751	-1.9%	-329,751	40-R0.5	20,8	70%	30%	5 206 588	0%	n	0.0%
	0470	Trimble Co 5	29,842,502.10	0.0%	0	-1.5%	-447,638	-1.5%	-447,638	40-R0.5	20.8	70%	30%	8,952,751	0%	ŏ	0.0%
	04/1	Trimble Co 6	29,826,880.91	0.0%	0	-1.5%	-447,403	-1.5%	-447,403	40-R0.5	20.8	70%	30%	8,948,064	0%	ō	0.0%
	5635	Brown 5	12,440,942.32	0.0%	0	-1.9%	-236,378	-1.9%	-236,378	40-R0.5	20.8	70%	30%	3,732,283	0%	ō	0.0%
	5636	Brown 6	31,591,711.55	0.0%	0	-1.3%	-410,692	-1.3%	-410,692	40-R0.5	20.8	70%	30%	9,477,513	0%	0	0.0%
	5637	Brown 7	39,071,447.54	0.0%	0	-1.1%	-429,786	-1.1%	-429,786	40-R0.5	20.8	70%	30%	11,721,434	0%	0	0.0%
	2020	Brown B	18,625,319.58	0.0%	0	-2.7%	-502,884	-2.7%	-502,884	40-R0.5	20.8	70%	30%	5,587,596	0%	0	0.0%
	5640	Drown 9	20,6/4,601,66	0.0%	0	-2.4%	-496,195	-2.4%	-496,195	40-R0.5	20.8	70%	30%	6,202,440	0%	0	0.0%
	5641	Brown 10	18,800,090.69	0.0%	0	-2.77	-507,603	-2.7%	-507,603	40-R0.5	20.8	70%	30%	5,640,029	0%	0	0.0%
	0041	BIOWITT	33,050,028.28	0.0%	0	-1.5%	-495,750	-1.5%	-495,750	40-R0.5	20.B	70%	30%	9,915,008	0%	0	0.0%
		Total Account 343	251,279,024,10	0.0%	0	-1.7%	-4,304,079	-1.7%	-4,304,079								
344.00		Generators															
	0432	Paddy's Run GT 13	5 185 636 11	.0.2%	10 371	C EN	227 000	0 7W						100000000000000			
	0470	Trimble Co 5	3,103,030,11	0.270	-10,371	-0.07	-337,066	-0./%	-347,438	42-R5	23.9	97%	3%	155,569	-5%	-7,778	-0.2%
	0471	Trimble Co 6	3 732 468 71	0.2%	7 465	11.7%	436,920	-11.976	-444,395	42-85	23.9	9/%	3%	112,033	-5%	-5,602	-0.2%
	5635	Brown 5	2 831 528 33	0.2%	-5 663	-8.2%	-430,099	-11,9% 0.4W	-444,104	42-85	23.9	97%	3%	111,974	-5%	-5,599	-0.2%
	5636	Brown 6	3 712 619 52	-0.2%	-7 425	-0.275	-232,103	-0.47	-237,648	42-100	23,9	9/7.	3%	84,946	-5%	-4,247	-0 2%
	5637	Brown 7	3 722 788 46	-0.2%	.7 446	-11.38	423,239	-11.0%	-430,664	42-R5	23.9	9/%	3%	111,379	-5%	-5,569	-0.2%
	5638	Brown B	4 953 960 72	.0.2%	9.909	-10.2%	-420,073	-10.4%	-420,121	42-R3	23.9	9/%	3%	311,684	-5%	-5,584	-0 2%
	5639	Brown 9	5,452,040,97	0.2%	-10 904	934	-507.040	-10.4%	-513,212	42-R5	23,9	9/%	3%	148,619	-5%	-7,431	-0.2%
	5640	Brown 10	4.944.422.71	-0.2%	-9 689	-10.2%	-504 331	-10.4%	-017,944	42-K3	23,9	9/7	3%	163,561	-5%	-8,178	-0.2%
	5641	Brown 11	5,187,040,30	-0.2%	-10 374	-9.7%	-503 143	.0.0%	-512 517	42-153	23,9	9/76	3%	148,333	-5%	-7,417	-0.2%
	5696	Hafeling	4,023,002,37	-0.2%	-8,046	-6.3%	-253,449	-6.5%	-261,495	42-R5	23.9	97%	3%	120,690	-5%	-6,035	-0.2%
		Total Account 344	47,479,932.03	-0.2%	-94,960	-9.6%	-4,560,059	-9.8%	-4,655,019								
345.00		Accessory Electric Equipment															
	0432	Paddy's Run GT 13	2 456 320 01	0.0%	0	-1.6%	-10 101	.1 68	.20 20+			0.00				-	
	0470	Trimble Co 5	1.664.234 64	0.0%	0	1.0%	-39,301	3.04	-39,301	40-100	23.3	96%	2%	49,126	0%	0	0.0%
	0471	Tamble Co 6	1,663.365.15	0.0%	0	3.0%	-49 901	3.0%	-40.021	43-R3 45.P5	23.3	30% 69#	2%	33,285	0%	0	0.0%
	5635	Brown 5	2,265,166.84	0.0%	õ	-1.2%	-27,182	-1.2%	-77 182	45-85	23.3	98%	276	35,201	0%	0	0.0%
	5636	Brown 6	1,354,816.11	0.0%	ō	-3.6%	-48.773	-3.6%	-48 773	45-R5	23.3	944	27	27 005	0%	0	0.0%
						620	0.000	1.742.510			4.0.0		6.4	21,000		Ŭ	
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Table 2-a

Summary of Original Cost of Utility Plant in Service and Interim and Terminal Net Salvage

											L.	nterim Re	tirement Rat	e Calculatio	n		
			Original		<u>E</u>	stimated Fut	ure Net Salvag	2		Interim	Avg Age	owa Curve	2	Interim	Interim		Interim Ret.
Account	Location		Cost	Interim N	et Salvage	Terminal N	let Salvage	Total N	et Salvage	Ret	At Ret,	Percent	Percent	Retired	Retired	Factored	% Of Total
No.	Code	Description	12/31/02	* .	Amount	*	Amount	*	Amount	ASL/Curve	(Yrs)	Surv	Retirement	Amount	Rate	Amount	Investment
(2)	(b)	{c)	(d)	(*)	(1)	(0)	(h)	(i)	0)	(k)	(1)	(m)	(n)	(0)	(P)	(q)	(7)
	5637	Brown 7	1,347,700.35	0.0%	0	-3.6%	-48,517	-3.6%	-48,517	45-R5	23.3	98%	2%	26,954	0%	0	0.0%
	5638	Brown 8	1,797,053.82	0.0%	0	-3.3%	-59,303	-3.3%	-59,303	45-R5	23.3	98%	2%	35,941	0%	0	0.0%
	5639	Brown 9	3,226,186.26	0.0%	0	-1.8%	-58,071	-1.8%	-58,071	45-R5	23,3	98%	2%	64,524	0%	0	0.0%
	5640	Brown 10	1,804,419.47	0.0%	0	-3.2%	-57,741	-3.2%	-57,741	45-R5	23.3	98%	2%	36,088	0%	0	0.0%
	5641	Brown 11	916,326.28	0.0%	0	-6.4 %	-58,645	-6.4%	-58,645	45-R5	23.3	98%	2%	18,327	0%	0	0.0%
	5696	Hafeling	621,206.80	0.0%	0	-4.7%	-29,197	-4.7%	-29,197	45-R5	23.3	98%	2%	12,424	0%	0	0.0%
		Total Account 345	19,116,795.73	0.0%	0	-2.8%	-526,559	-2.8%	-526,559								
346.00		Miscellaneous Power Plant Equip	pment														
	0432	Paddy's Run GT 13	1,089,550.03	0.0%	0	-0.5%	-5,448	-0.5%	-5.448	30-R1	12.0	53%	47%	512,089	0%	G	0.0%
	5635	Brown 5	2,085,163.17	0.0%	0	-0.2%	-4,170	-0.2%	-4,170	30-R1	12.0	53%	47%	980,027	0%	0	0.0%
	5636	Brown 6	18,003.82	0.0%	0	-37.2%	-6,697	-37.2%	-6,697	30-R1	12.0	53%	47%	8,462	0%	0	0.0%
	5637	Brown 7	15,776.54	0.0%	0	-40.2%	-6,342	-40.2%	-6,342	30-R1	12.0	53%	47%	7,415	0%	. 0	0.0%
	5638	Brown B	230,068.72	0.0%	0	-3.5%	-8,052	-3.5%	-8,052	30-R1	12.0	53%	47%	108,132	0%	0	0.0%
	5639	Brown 9	760,255,37	0.0%	0	-1.1%	-8,363	-1.1%	-8,363	30-R1	12.0	53%	47%	357,320	0%	0	0.0%
	5640	Brown 10	241.523.31	0.0%	0	-3.3%	-7.970	-3.3%	-7.970	30-R1	12.0	53%	47%	113.516	0%	0	00%
	5641	Brown 11	204.854.53	0.0%	0	-3.9%	-7,989	-3.9%	-7,989	30-R1	12.0	53%	47%	96.282	0%	0	0 0%
	5696	Hafeling	35,805.20	0.0%	D	-11.2%	-4,010	-11.2%	-4,010	30-R1	12.0	53 %	47%	16,828	0%	0	0.0%
		Total Account 346	4,681,000.69	0.0%	D	-1.3%	-59,043	-1.3%	-59,043								
		Total Other Production Plant	362,234,009.71	-0.4%	-1,507,212	-3.8%	-13,603,331	-4.2%	-15,110,543								

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Table 3-KY

Kentucky Utilities Electric Division Kentucky Original Cost Per Company Books, Adjustments, And Original Cost Per Depreciation Study of December 31, 2002

Accoun	Description	Original Cost Per Co. Books 12/31/02	Omitted (Pending) Retirements	Company Pending Adiustments	Mandated Pollution Control (NOX) Projects-CWIP & Budgets	Original Cost Per Depr Study Data 12/31/02
(a)	(b)	(c)	(d)	(e)	(1)	(9)
	DEPRECIABLE PLANT					
	STEAM PLANT					
311.00	Structures and Improvements	154,711,332.22				154,711,332.22
312.00	Boiter Plant Equipment	790,197,504.42		0.07	234,674,584.00	1,024,872,088.49
314.00	Turbogenerator Units	191,722,845.06				191,722,845.06
315.00	Accessory Electric Equipment	81,289,114.47				81,289,114.47
316.00	Miscellaneous Power Plant Equipment	20,719,081.14				20,719,081.14
	Total Steam Production Plant	1,238,639,877.31	0.00	0.07	234,674,584.00	1,473,314,461.38
	HYDRAULIC PLANT					
330.10	Land Rights	879,311.47				879,311.47
331.00	Structures and Improvements	497,427.20				497,427.20
332.00	Reservoirs, Dams and Waterways	8,142,176.24				8,142,176.24
333.00	Waterwheel, Turbines and Generators	532,629.23				532,629.23
334.00	Accessory Electric Equipment	349,869.04				349,869.04
335.00	Miscellaneous Power Plant Equipment	163,126.48				163,126.48
336.00	Roads, Railroads and Bridges	48,145.91				48,145.91
	Total Hydraulic Plant	10,612,685.57	0.00	0.00	0.00	10,612,685.57
	OTHER PRODUCTION PLANT					
340.10	Land Rights	176,409.31				176,409.31
341.00	Structures and Improvements	21,174,956.60				21,174,956.60
342.00	Fuel Holders, Producers and Accessory	18,325,891.25				18.325,891.25
343.00	Prime Movers	251,279,024.10				251,279,024.10
344.00	Generators	47,479,932.03				47,479,932.03
345.00	Accessory Electric Equipment	19,116,795.73				19,116,795.73
346.00	Miscellaneous Power Plant Equipment	4,681,000.69				4,681,000.69
	Total Other Production Plant	362,234,009.71	0.00	0.00	0.00	362,234,009.71
	TRANSMISSION PLANT					
350.10	Land Rights	21,209,402.58				21,209,402.58
	Structures and Improvements					
352.10	Struct. and Improve Non Sys. Control/Com.	5,376,265.98				5,376,265.98
352.20	Struct, and Improve Sys. Control/Com.	1,184,409.28	17,975.03			1,166,434.25
	Total Account 352	6,560,675.26	17,975.03	0.00	0.00	6,542,700.23
	Station Equipment					
353.10	Station Equipment - Non Sys. Control/Com.	132,584,164.92				132,584,164.92
353.20	Station Equipment - Sys. Control/Com.	14,284,914.20				14,284,914.20
	Total Account 353	146,869,079.12	0.00	0.00	0.00	146,869,079.12
354.00	Towers and Fixtures	53,794,363.11		-0.01		53,794,363,10
355.00	Poles and Fixtures	69,669,276.95				69,669,276,95
356.00	Overhead Conductors and Devices	110,424,621.33		0.03		110,424.621.36
357.00	Underground Conduit	435,926.80				435.926.80
358.00	Underground Conductors and Devices	1,114,761.90				1,114,761.90
	Total Transmission Plant	410,078,107.05	17,975.03	0.02	0.00	410,060,132,04







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Table 3-KY

Kentucky Utilities Electric Division

Kentucky Original Cost Per Company Books, Adjustments, And Original Cost Per Depreciation Study of December 31, 2002

		Original Cost	Omitted	Company	Mandated	Original Cost
Accourt	it	Per Co. Books	(Pending)	Pending	Pollution Control (NOX)	Per Depr Study Data
No.	Description	12/31/02	Retirements	Adjustments	Projects-CWIP & Budgets	12/31/02
(a)	(b)	(c)	(d)	(e)	(1)	(g)
15 62	DISTRIBUTION PLANT				2	2002
360.10	Land Rights	1.339.602.00				1.339.602.00
361.00	Structures and Improvements	3 430 861 90				3 430 861 90
362.00	Station Equinment	86 219 706 94				86 219 706 94
364.00	Poles Towers and Fixtures	155 425 286 17		53 55		155 425 330 72
365.00	Overhead Conductors and Devices	148 205 186 08		0.70		149 205 106 77
303.00	Understand Conduit	1 551 066 60		3.13		140,200,150.77
300.00	Underground Conductors and Devices	1,001,000.09				1,001,900.09
307.00	Liss Transformer	107 660 209 27		144.16		49,204,440.02
308.00	Line transformers	76 774 060 20		144,10		197,009,452.43
369.00	Services	70,774,900.30 E9.072.008.07	4 456 700 77	234.30		/6,//5,194.60
370.00	Meters	38,972,908.97	1,400,792.77	0.00		57,516,116.20
3/1.00	Installations on customers' Premises	17,403,000.50		0.02		17,403,000.52
373.00	Street Lighting and Signal Systems	44,177,578.73				44,177,578.73
	Total Distribution Plant	840,454,814.27	1,456,792.77	441.82	0.00	838,998,463.32
	GENERAL PLANT					
	Structures and Improvements					
390.10	Struct. And Improve. To Owned Property	28,343,519.39				28.343.519.39
390.20	Improvements to Leased Property	618,508.30				618,508,30
	Total Account 390	28,962,027.69	0.00	0.00	0.00	28,962,027.69
	Office Furniture and Equipment					
391.10	Office Equipment	6,129,377.49				6,129,377.49
391.30	Cash Processing Equipment	369,383.94				369,383.94
	Total Account 391	6,498,761.43	0.00	0.00	0.00	6,498,761.43
303 00	Stores Equipment	563 754 75				560 764 7E
304.00	Tools Shon and Garage Equipment	3 424 080 75				2 424 080 75
305.00	aboratory Equipment	3 260 202 50				3,424,909.75
206.00	Power Operated Equipment	200 677 14				3,209,202.39
390.00	Power Operated Equipment	200,077.14				200,677.14
	Communication Equipment					
397.10	Carrier Communication Equipment	2.939,746.71				2.939,746.71
397.20	Remote Control Communication Equipment	3,729,637.84				3,729,637.84
397.30	Mobile Communication Equipment	4,339,042.39				4,339,042.39
	Total Account 397	11,008,426.94	0.00	0.00	0.00	11,008,426.94
398.00	Miscellaneous Equipment	440,985.52				440,985.52
	Total General Plant	54,368,825.81	0.00	0.00	0.00	54,368,825.81
	Sub-Total Depreciable Plant	2,916,388,319.72	1,474,767.80	441,91	234,674,584.00	3,149,588,577.83
	Other Plant (Not Studied)					
301 20	Non PC Computer Equipment	9 611 731 44				0.014 701 44
301 40	Personal Computers	9 814 322 00				9,011,/31.44
302.00	Transportation Fouriement - Care & Trucke	22 433 401 14				9,814,322.00
004.00	Hanoponation Equipment - Oars & HUCKS	46,700,901,14				22,433,401.14
	Total Other Plant (Not Studied)	41,859,454.58	0.00	0.00	0.00	41,859,454.58
	Total Depreciable Plant	2,958,247,774.30	1,474,767.80	441.91	234,674,584.00	3,191,448,032,41

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Table 3-KY

Kentucky Utilities Electric Division Kentucky

Original Cost Per Company Books, Adjustments, And Original Cost Per Depreciation Study of December 31, 2002

		Original Cost	Omitted	Company	Mandated	Original Cost
Account		Per Co. Books	(Pending)	Pending	Pollution Control (NOX)	Per Depr Study Data
No.	Description	12/31/02	Retirements	Adjustments	Projects-CWIP & Budgets	12/31/02
(a)	(b)	(c)	(d)	(e)	(f)	(g)
	NON-DEPRECIABLE PLANT					
	INTANGIBLE PLANT					
301.00	Organization	39,116.89				39,116.89
302.00	Franchises and Consents	81,350.32				81,350.32
303.00	Miscellaneous Intangible Plant	17,297,387.08				17,297,387.08
	Total Intangible Plant	17,417,854.29	0.00	0.00	0.00	17,417,854.29
	LAND & LAND RIGHTS					
310.20	Production Land	10,478,524.55				10,478,524.55
330.20	Hydraulic Plant	13,479.47				13,479.47
340.20	Other Production Land	98,602.74				98,602.74
350.20	Transmission Land	1,094,360.08				1,094,360.08
360.20	Distribution Land	1,488,386.74				1,488,386,74
389.20	Land	2,734,775.95				2,734,775.95
	Total Land	15,908,129.53	0.00	0.00	0.00	15,908,129.53
	Total Non-Depreciable Plant	33,325,983.82	0.00	0.00	0.00	33,325,983.82
	Total Electric Plant in Service	2,991,573,758.12	1,474,767.80	441.91	234,674,584.00	3,224,774,016.23

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Table 4-KY

Kentucky Utilities Electric Division Kentucky

.

Summary of Book Depreciation Reserves Relative To Original Cost of Utility Plant in Service, Adjustments, And Depreciation Reserves Per Depreciation Study as of December 31, 2002

		Depr Reserve	Omitted	Depr Reserve
Accoun	t	Per Books	(Pending)	Per Depr Study
<u>No.</u>	Description	12/31/02	<u>Retirements</u>	12/31/02
(a)	(b)	(c)	(d)	(1)
	DEPRECIABLE PLANT			
	STEAM PLANT			
311.00	Structures and Improvements	109,916,939.98		109,916,939.98
312.00	Boiler Plant Equipment	483,373,393.76		483,373,393.76
314.00	Turbogenerator Units	132,921,881.16		132,921,881.16
315.00	Accessory Electric Equipment	58,089,798.21		58,089,798.21
316.00	Miscellaneous Power Plant Equipment	10,552,579.66		10,552,579.66
	Total Steam Production Plant	794,854,592.77	0.00	794,854,592.77
	HYDRAULIC PLANT			
330.10	Land Rights	849,857.30		849,857.30
331.00	Structures and Improvements	378,899.82		378,899.82
332.00	Reservoirs, Dams and Waterways	6,236,798.68		6,236,798.68
333.00	Waterwheel, Turbines and Generators	516,153.28		516,153.28
334.00	Accessory Electric Equipment	218,062.19		218,062.19
335.00	Miscellaneous Power Plant Equipment	77,204.88		77,204.88
336.00	Roads, Railroads and Bridges	46,928.08		46,928.08
	Total Hydraulic Plant	8,323,904.23	0.00	8,323,904.23
	OTHER PRODUCTION PLANT			
340.10	Land Rights	47,776.65		47,776.65
341.00	Structures and Improvements	3,081,408.04		3,081,408.04
342.00	Fuel Holders, Producers and Accessory	3,145,574.27		3,145,574.27
343.00	Prime Movers	29,868,499.22		29,868,499.22
344.00	Generators	10,313,378.81		10,313,378.81
345.00	Accessory Electric Equipment	3,276,023.41		3,276,023.41
346.00	Miscellaneous Power Plant Equipment	580,244.35		580,244.35
	Total Other Production Plant	50,312,904.75	0.00	50,312,904.75
	TRANSMISSION PLANT			
350.10	Land Rights	12,175,225.72		12,175,225.72 (1)
	Structures and Improvements			
352.10	Struct. and Improve Non Sys. Control/Com.	2,543,331.23		2,543,331.23 (1)
352.20	Struct. and Improve Sys. Control/Com.	706,436.29	17,975.03	688,461.26 (1)
	Total Account 352	3,249,767.52	17,975.03	3,231,792.49 (1)
	Station Equipment			
353.10	Station Equipment - Non Sys. Control/Com.	44,052,321.53		44,052,321.53 (1)
353.20	Station Equipment - Sys. Control/Com.	12,319,025.39	12 03450	12,319,025.39 (1)
	Total Account 353	56,371,346.92	0.00	56,371,346.92
354.00	Towers and Fixtures	32,835,574.51		32,835,574.51 (1)
355.00	Poles and Fixtures	47,292,143.80		47,292,143.80 (1)
356.00	Overhead Conductors and Devices	76,958,724.11		76,958,724.11 (1)

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Table 4-KY

Kentucky Utilities Electric Division Kentucky

Summary of Book Depreciation Reserves Relative To Original Cost of Utility Plant in Service, Adjustments, And Depreciation Reserves Per Depreciation Study as of December 31, 2002

Account		Depr Reserve Per Books	Omitted (Pending)	Depr Reserve Per Depr Study
No.	Description	12/31/02	Retirements	12/31/02
(a)	(b)	(c)	(d)	(1)
357.00	Underground Conduit	98,611.61		98,611.61 (1)
358.00	Underground Conductors and Devices	645,771.01		645,771.01 (1)
	Total Transmission Plant	229,627,165.20	17,975.03	229,609,190.17
	DISTRIBUTION PLANT			
360.10	Land Rights	900,223.61		900,223.61 (1)
361.00	Structures and Improvements	1,090,414.59		1,090,414.59 (1)
362.00	Station Equipment	23,380,852.11		23,380,852.11 (1)
364.00	Poles, Towers and Fixtures	76,932,884.95		76,932,884.95 (1)
365.00	Overhead Conductors and Devices	79,255,819.22		79,255,819.22 (1)
366.00	Underground Conduit	595,502.89		595,502.89 (1)
367.00	Underground Conductors and Devices	9,919,810.78		9,919,810.78 (1)
368.00	Line Transformers	68,910,376.07		68,910,376.07 (1)
369.00	Services	37,956,821.38		37,956,821.38 (1)
370.00	Meters	22,011,360.84	1,456,792.77	20,554,568.07 (1)
371.00	Installations on customers' Premises	8,877,766.70		8,877,766.70 (1)
373.00	Street Lighting and Signal Systems	15,936,246.94		15,936,246.94 (1)
	Total Distribution Plant	345,768,080.08	1,456,792.77	344,311,287.31
	GENERAL PLANT			
	Structures and Improvements			
390.10	Struct. And Improve. To Owned Property	6,959,116.67		6,959,116.67 (1)
390.20	Improvements to Leased Property	457,079.47		457,079.47 (1)
	Total Account 390	7,416,196.14	0.00	7,416,196.14
	Office Furniture and Equipment			
391.10	Office Equipment	1,731,094.61		1,731,094.61 (1)
391.30	Cash Processing Equipment	183,562.93		183,562.93 (1)
	Total Account 391	1,914,657.54	0.00	1,914,657.54
393.00	Stores Equipment	250,231.16		250,231.16 (1)
394.00	Tools, Shop and Garage Equipment	1,085,873.07		1,085,873.07 (1)
395.00	Laboratory Equipment	1,202,164.78		1,202,164.78 (1)
396.00	Power Operated Equipment	117,317.64		117,317.64 (1)
	Communication Equipment			
397.10	Carrier Communication Equipment	791,825.74		791,825.74
397.20	Remote Control Communication Equipment	920,501.66		920,501.66 (1)
397.30	Mobile Communication Equipment	828,654.45		828,654.45 (1)
	Total Account 397	2,540,981.85	0.00	2,540,981.85
398.00	Miscellaneous Equipment	246,252.37		246,252.37 (1)
	Total General Plant	14,773,674.55	0.00	14,773,674.55
	Sub-Total Depreciable Plant	1,443,660,321.58	1,474,767.80	1,442,185,553.78

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Table 4-KY

Kentucky Utilities Electric Division

Kentucky

Summary of Book Depreciation Reserves Relative To Original Cost of Utility Plant in Service, Adjustments, And Depreciation Reserves Per Depreciation Study as of December 31, 2002

		Depr Reserve	Omitted	Depr Reserve
Account		Per Books	(Pending)	Per Depr Study
No.	Description	12/31/02	Retirements	12/31/02
(a)	(b)	(c)	(d)	(f)
	Other Plant (Not Studied)			
391.20	Non PC Computer Equipment	4,325,258.30		4,325,258.30 (1)
391.40	Personal Computers	9,076,219.60		9,076,219.60 (1)
392.00	Transportation Equipment - Cars & Trucks	19,404,027.08		19,404,027.08 (1)
	Total Other Plant (Not Studied)	32,805,504.98	0.00	32,805,504.98
	Total Depreciable Plant	1,476,465,826.56	1,474,767.80	1,474,991,058.76
s	NON-DEPRECIABLE PLANT			
1011	INTANGIBLE PLANT			
301.00	Organization	0.00		0.00
302.00	Franchises and Consents	30,160.72		30,160.72
303.00	Miscellaneous Intangible Plant	9,098,855.50	2.32	9,098,855.50
	Total Intangible Plant	9,129,016.22	0.00	9,129,016.22
	LAND & LAND RIGHTS			
310.20	Production Land	0.00		0.00
330.20	Hydraulic Plant	0.00		0.00
340.20	Other Production Land	0.00		0.00
350.20	Transmission Land	-4,251.96		-4,251.96
360.20	Distribution Land	0.00		0.00
389.20	Land	154,183.00		154,183.00
	Total Land	149,931.04	0.00	149,931.04
	Total Non-Depreciable Plant	9,278,947.26	0.00	9,278,947.26
	Total Electric Plant in Service	1,485,744,773.82	1,474,767.80	1,484,270,006.02

(1) The current book depreciation reserves for the Production plant accounts are maintained by individual plant site. The Production plant book depreciation reserves were further allocated (over the applicable theoretical depreciation reserves) by site and account level in the process of developing ARL depreciation rates. Conversely, the current account level book depreciation reserves for the Transmission, Distribution, and General plant accounts were developed during 1999 in conjunction with the Company's loading of its property records and depreciation reserves into the acquired Power Plan software model. The Company's account level book reserve allocation was performed by simply distributing the maintained functional level book depreciation rates (per this study) the functional level book depreciation reserves were reallocated (per Table 5) over the account level calculated theoretical depreciation reserves as of December 31, 2002.



Kentucky Utilities Electric Division Kentucky

Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002

Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable					Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	()	(k)	(1)
			DEPRECIABLE PLANT							
			STEAM PLANT							
			KU Generation-Common							
311.00	5591	2032	Structures and Improvements	805,715,82 (1)	90-S1.5	-0.4%	348.313.00	373.841.85		373.841.85
316.00	5591	2032	Misc. Power Plant Equipment	1.330.284.07 (1)	70-L1.5	0.0%	227.860.00	244,560,51		244,560.51
0.0.00			Total KU GenCommon	2,135,999.89			576,173.00	618,402.36	0.00	618,402.36
			Tyrone Unit 3							
311.00	5603	2020	Structures and Improvements	5.293.882.85 (1)	90-S1.5	-8.1%	4,977,440,00	5,722,687,36		5,722,687,36
312.00	5603	2020	Boiler Plant Equipment	8.663.220.42 (1)	60-S1.5	-13.0%	5,438,360.00	8.563,225,50		8.563.225.50
312.00	5603	2020	Mandated NOX Proj -2004 Closing	1.502.053.00						0.00
314.00	5603	2020	Turbogenerator Units	2,649,841,16 (1)	70-L1.5	-14.7%	2,032,235,00	3,199,951,19		3,199,951,19
315.00	5603	2020	Accessory Electric Equipment	570,736.22 (1)	75-S2	-11.3%	500,206.00	787,622.88		787,622.88
316.00	5603	2020	Misc. Power Plant Equipment	403,549,14 (1)	60-S1	-0.7%	150,693.00	237,280.75		237,280.75
			Total Tyrone Unit 3	19,083,282.79 (1)			13,098,934.00	18,510,767.69	0.00	18,510,767.69
			Tyrone Units 1 & 2							
311.00	5604	2005	Structures and Improvements	589,405.14 (1)	90-S1.5	-14.7%	681,999.00	710,732.38		710,732.38
312.00	5604	2005	Boiler Plant Equipment	3,549,368.50 (1)	60-S1.5	-21.3%	3,861,811.00	4,024,513.42		4,024,513.42
314.00	5604	2005	Turbogenerator Units	1,592,029.04 (1)	70-L1.5	-17.9%	1,730,125.00	1,803,017.10		1,803,017.10
315.00	5604	2005	Accessory Electric Equipment	828,016.44 (1)	75-S2	-6.4%	981,511.00	881,009.49		881,009.49
316.00	5604	2005	Misc. Power Plant Equipment	47,552.54 (1)	60-S1	-4.7%	47,920.00	49,938.92		49,938.92
			Total Tyrone Units 1 & 2	6,606,371.66			7,303,366.00	7,469,211.32	0.00	7,469,211.32
			Green River Unit 3							
311.00	5613	2020	Structures and Improvements	2,809,804.71 (1)	90-S1.5	-14.9%	2,625,653.00	3,680,863.35		3,680,863.35
312.00	5613	2020	Boiler Plant Equipment	9,061,059.76 (1)	60-S1.5	-12.6%	5,961,593.00	8,357,467.35		8,357,467.35
312.00	5613	2020	Mandated NOX Proj2004 Closing	1,731,984.00						0.00
314.00	5613	2020	Turbogenerator Units	2,651,645.58 (1)	70-L1.5	-14.7%	2,217,969.00	3,109,337.30		3,109,337.30
315.00	5613	2020	Accessory Electric Equipment	696,352.89 (1)	75-S2	-9.3%	539,674.00	756,560.84		756,560.84
316.00	5613	2020	Misc. Power Plant Equipment	70,833.53 (1)	60-S1	-3.8%	35,837.00	50,239.35	121213	50,239.35
			Total Green River Unit 3	17,021,680.47			11,380,726.00	15,954,468.20	0.00	15,954,468.20

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Table 5-KY



Table 5-KY

Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable	r.				Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	Ű)	(k)	(1)
			One of Direct Units 4							
124/21/2010/07/174			Green River Unit 4							
311.00	5614	2020	Structures and Improvements	4,099,390.94 (1)	90-51.5	-15.5%	2,311,361.00	3,622,241.71		3,622,241.71
312.00	5614	2020	Boiler Plant Equipment	18,776,499.07 (1)	60-S1.5	-10.5%	9,451,293.00	14,811,562.41		14,811,562.41
314.00	5614	2020	Turbogenerator Units	8,323,622.30 (1)	70-L1.5	-10.4%	4,052,198.00	6,350,388.63		6,350,388.63
315.00	5614	2020	Accessory Electric Equipment	809,269.35 (1)	75-S2	-12.1%	617,295.00	967,391.81		967,391.81
316.00	5614	2020	Misc. Power Plant Equipment	1,961,965.76 (1)	60-S1	-0.2%	/22,566.00	1,132,366.91		1,132,365.91
			Total Green River Unit 4	33,970,747.42			17,154,713.00	26,883,951.46	0.00	26,883,951.46
			Course Diverse Holder 182							
			Green River Units Taz	2 707 400 00 (4)		44.00/	4 000 057 00	1 000 700 00		A CEE 700 00
311.00	5615	2004	Structures and Improvements	3,797,160.20 (1)	90-51.5	-11.3%	4,998,357.00	4,055,700.00		4,000,700.00
312.00	5615	2004	Boiler Plant Equipment	12,249,873.99 (1)	60-51.5	-10.6%	12,251,259.00	11,411,535.77		11,411,535.77
314.00	5615	2004	Turbogenerator Units	2,762,747.30 (1)	70-L1.5	-14.5%	2,884,421.00	2,080,717.02		2,080,717.02
315.00	5615	2004	Accessory Electric Equipment	584,072.29 (1)	75-52	-11.2%	705,734.00	008,293.19		030,293.19
316.00	5615	2004	Misc. Power Plant Equipment	190,224.48 (1)	60-51	-1.4%	187,708.00	174,842.10	0.00	174,842.10
			Total Green River Units 1&2	19,584,078.26			21,028,479.00	19,587,149.39	0.00	19,587,149.39
			Brown Unit 1							
311.00	5621	2020	Structures and Improvements	4 088 137 49 (1)	90-51 5	-15.6%	3 315 143 00	4 518 000 24		4 518 000 24
312.00	5621	2020	Boiler Plant Equipment	32 815 581 55 (1)	60-51.5	-8.1%	14 321 410 00	19 517 750 44		19 517 750 44
312.00	5621	2020	Mandated NOX Prol -2004 Closing	221 421 00	00 00	0.170	14,02 1,410.00	10,011,100.14		0.00
314.00	5621	2020	Turbonenerator Units	4 694 847 01 (1)	70-115	-13 5%	3 523 526 00	4 801 992 34		4 801 992 34
315.00	5621	2020	Accessory Electric Equipment	2 663 640 09 (1)	75-52	-3 7%	1 567 450 00	2 136 170 18		2 136 179 18
316.00	5621	2020	Mise Power Plant Equipment	203,850 /8 (1)	60.51	-1 494	147 820 00	201 466 86		201 466 86
510.00	3021	2020	Total Brown Unit 1	AA 777 A86 62	00-01	-1.470	22 875 358 00	31 175 380 07	0.00	31 175 389 07
			Total blown onit 1	44,777,400.02			22,013,330.00	31,173,305.07	0.00	31,170,009.07
			Brown Unit 2							
311.00	5622	2020	Structures and Improvements	1.452.821.22 (1)	90-51.5	-17.3%	1 324 414 00	1.685 381.25		1 685 381 25
312.00	5622	2020	Boiler Plant Equipment	26.010.201.59 (1)	60-S1.5	-11.3%	13,240,210,00	16.848.811.36		16,848,811,36
312.00	5622	2020	Mandated NOX Proj2004 Closing	2,237,589.00						0.00
314.00	5622	2020	Turbogenerator Units	8,729,916,37 (1)	70-L1.5	-12.4%	4,759,561.00	6,056,772.92		6,056,772.92
315.00	5622	2020	Accessory Electric Equipment	970,596.10 (1)	75-S2	-15.9%	716,898.00	912,287.58		912,287.58
316.00	5622	2020	Misc. Power Plant Equipment	85,647.82 (1)	60-S1	-7.6%	54,869.00	69,823.47		69,823.47
			Total Brown Unit 2	39,486,772.10			20,095,952.00	25,573,076.58	0.00	25,573,076.58

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Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

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Account	Loc.	Probable Ret.		Cost	A.S.L./	Salvage	Theoretical Deprecation	Allocated Book Depr.	Omitted	Adjusted Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	ω	(k)	(1)
			Brown Unit 3							
311.00	5623	2020	Structures and Improvements	12,078,731.61 (1	90-51.5	-22.0%	9,488,690.00	11,558,765.60		11,558,765.60
312.00	5623	2020	Boiler Plant Equipment	71,536,455.78 (1	60-S1.5	-10.2%	40,484,242.00	49,316,382.34		49,316,382.34
312.00	5623	2020	Mandated NOX Pro]2004 Closing	1,305,198.00						0.00
312.00	5623	2020	Mandated NOX Proj2005 Closing	4,004,000.00						0.00
314.00	5623	2020	Turbogenerator Units	22,985,210.48 (1	70-L1.5	-10.1%	11,265,774.00	13,723,542.56		13,723,542.56
315.00	5623	2020	Accessory Electric Equipment	5,076,639.52 (1	75-S2	-18.9%	3,757,679.00	4,577,463.36		4,577,463.36
316.00	5623	2020	Misc. Power Plant Equipment	3,695,436.94 (1	60-S1	-1.7%	1,563,362.00	1,904,428.84		1,904,428.84
			Total Brown Unit 3	120,681,672.33			66,559,747.00	81,080,582.70	0.00	81,080,582.70
			Pineville Unit 3							
311.00	5643		Structures and Improvements	0.00 (1	h in the second s			0.00		0.00
312.00	5643	2003	Boiler Plant Equipment	226.832.50 (1	60-S1.5	0.0%	255,732.00	1,782.011.42		1,782,011.42
314 00	5643	2000	Turbogenerator Units	0.00 (1)			0.00		0.00
315.00	5643		Accessory Electric Equipment	0.00 (1	Ś			0.00		0.00
316.00	5643		Misc. Power Plant Equipment	0.00 (1	``			0.00		0.00
510.00	3040		Total Pineville Unit 3	226,832.50			255,732.00	1,782,011.42	0.00	1,782,011.42
120011 2220	60000	2050	Pineville Units 1 & 2	202001-001	27			2722		
311.00	5644	2020	Structures and Improvements	0.00 (1)			0.00		0.00
312.00	5644	2020	Boiler Plant Equipment	0.00 (1)		-	254,230.51		254,230.51
314.00	5644	2020	Turbogenerator Units	0.00 (1)		12	0.00		0.00
315.00	5644	2020	Accessory Electric Equipment	0.00 (1)			0.00		0.00
316.00	5644	2020	Misc. Power Plant Equipment	0.00 (1)			0.00		0.00
			Total Pineville Units 1 & 2	0.00 (1)		0.00	254,230.51	0.00	254,230.51
			Ghent 1 Pollution Control Equip.							
311.00	5650	2022	Structures and Improvements	24,352,142,19 (1) 90-S1.	5 -13.8%	10.216.562.00	10,966,983.04		10,966,983.04
312.00	5650	2014	Boiler Plant Equipment	86.308.756.05 (1	60-51	-10.4%	32,433,922,00	34,816,239,80		34,816,239,80
315.00	5650	2014	Turbogenerator Units	3 016 784 27 (1	75-52	-39.8%	1 229 470 00	1 319 776 32		1.319 776 32
316.00	5650	2014	Accessory Electric Equipment	985 410 01 (1	1 60-S1	-8.0%	345,980,00	371.392.72	75	371.392.72
0.0.00	0000		Total Ghent 1 Pollution Control Equip.	114,663,092.52 (1)	0.0 /4	44,225,934.00	47,474,391.89	0.00	47,474,391.89

Table 5-KY



Table 5-KY

Kentucky Utilities Electric Division Kentucky

Aliocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable					Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	(i)	(k)	(1)
						1007000.0		•		
			Ghent Unit 1							
311.00	5651	2022	Structures and Improvements	16,838,431.28 (1)	90-S1.5	-19.8%	13,389,633.00	16.551.200.35		16.551.200.35
312.00	5651	2022	Boiler Plant Equipment	88,268,090.96 (1)	60-S1.5	-10.2%	47,433,268.00	58,633,236,77		58,633,236,77
312.00	5623	2020	Mandated NOX Proj2004 Closing	38,235,757.00						0.00
312.00	5623	2020	Mandated NOX Proj2005 Closing	38,980,000.00						0.00
314.00	5651	2022	Turbogenerator Units	22,672,666.15 (1)	70-L1.5	-11.1%	14,195,486.00	17.547.331.79		17.547.331.79
315.00	5651	2022	Accessory Electric Equipment	7,456,587.14 (1)	75-S2	-16.1%	5,165,956.00	6.385,744.31		6.385,744.31
316.00	5651	2022	Misc. Power Plant Equipment	1,683,635,89 (1)	60-S1	-4.7%	895,733.00	1,107,233,96		1,107,233,96
			Total Ghent Unit 1	214,135,168.42 (1)			81.080.076.00	100,224,747,18	0.00	100,224,747,18
				•						
			Ghent Unit 2							
311.00	5652	2025	Structures and Improvements	16.012.536.37 (1)	90-S1.5	-20.7%	11,485,087.00	14,520,990.15		14,520,990.15
312.00	5652	2025	Boiler Plant Equipment	86,733,989.30 (1)	60-S1.5	-10.3%	46,441,520.00	58,712,497.52		58,712,497.52
312.00	5652	2025	Mandated NOX Proj2004 Closing	4,735.00						0.00
312.00	5652	2025	Mandated NOX Proj2005 Closing	3,016,000.00						0.00
314.00	5652	2025	Turbogenerator Units	28,358,360.55 (1)	70-L1.5	-10.1%	14,670,045.00	18,546,227.18		18,546,227.18
315.00	5652	2025	Accessory Electric Equipment	10,785,959.50 (1)	75-S2	-11.1%	6,992,916.00	8,840,614.25		8,840,614.25
316.00	5652	2025	Misc. Power Plant Equipment	1,478,017.69 (1)	60-S1	-5.3%	821,402.00	1,038,436.36		1,038,436.36
			Total Ghent Unit 2	146,389,598.41			80,411,970.00	101,658,765.45	0.00	101,658,765.45
			Ghent Unit 3							
311.00	5653	2029	Structures and Improvements	40,539,913.20 (1)	90-S1.5	-8.4%	24,416,450.00	29,396,596.88		29,396,596.88
312.00	5653	2029	Boiler Plant Equipment	169,648,430,42 (1)	60-S1.5	-7.6%	85,271,502.00	102,664,063.36		102,664,063.36
312.00	5653	2029	Mandated NOX Proj2004 Closing	73,887,596.00				151 2		0.00
312.00	5653	2029	Mandated NOX Proj2005 Closing	1,976,000,00						0.00
314.00	5653	2029	Turbogenerator Units	38,111,389,85 (1)	70-L1.5	-9.1%	19,629,623.00	23,633,415.76		23,633,415.76
315.00	5653	2029	Accessory Electric Equipment	25,961,221,84 (1)	75-\$2	-4.6%	14,791,710.00	17.808.728.79		17.808.728.79
316.00	5653	2029	Misc. Power Plant Equipment	3,135,971,64 (1)	60-S1	-2.5%	1,536,335,00	1.849.696.44		1,849,696,44
			Total Ghent Unit 3	353,260,522,95 (1)		,	145 645 620.00	175.352.501.24	0.00	175.352.501.24
				500,200,022,000 (17)						
			Ghent Unit 4							
311.00	5654	2032	Structures and Improvements	21,953,259,20 (1)	90-S1.5	-15.2%	10,862,440.00	12,923,736.93		12,923,736.93
312.00	5654	2032	Boiler Plant Equipment	168.701.912.41 (1)	60-S1.5	-7.6%	70,060,154.00	83,355,028.86		83,355,028.86
312.00	5654	2032	Mandated NOX Proj2004 Closing	52,148,251,00			5			0.00
312.00	5654	2032	Mandated NOX Proj2005 Closing	15,424,000.00						0.00
				12 24						

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Table 5-KY

Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable	È.				Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
<u>No.</u>	<u>Code</u>	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	(i)	(k)	(1)
314.00	5654	2032	Turbogenerator Units	48,190,569.27 (1)	70-L1.5	-8.5%	22,110,875.00	26,306,716.71		26,306,716.71
315.00	5654	2032	Accessory Electric Equipment	21,869,238.82 (1)	75-S2	-5.5%	10,716,248.00	12,749,802.99		12,749,802.99
316.00	5654	2032	Misc. Power Plant Equipment	5,356,692.15 (1)	60-S1	-1.5%	1,680,026.00	1,998,833.97		1,998,833.97
			Total Ghent Unit 4	333,643,922.85			115,429,743.00	137,334,119.46	0.00	137,334,119.46
			Ghent 4 Rail Cars							
312 00	5659	2032	Boiler Plant Fouinment	7 647 232 19 (1)	60-515	-4 8%	2 537 800 00	3 020 926 86		3 020 826 86
012.00	0000	LUUL	Total Ghent 4 Rail Cars	7 647 232 19 (1)	00-01.0		2,537,899,00	3 920 826 86	0.00	3 920 826 86
				1,011,002,10 (1)			2,007,000.00	0,020,020.00	0.00	0,010,010.00
			Total Steam Production	1,473,314,461.38			649,660,422.00	794,854,592.77	0.00	794,854,592.77
			HYDRAULIC PLANT							
			Dix Dam							
330.10	5691	2022	Land Rights	879,311.47 (1)	50-R2.5	0.0%	849,857.30	879,311.47		879,311.47
331.00	5691	2022	Structures and improvements	429,524.71 (1)	140-L1	-15.0%	296,258.00	328,160.22		328,160.22
332.00	5691	2022	Reservoirs, Dams and Waterways	7,818,030.36 (1)	150-L1.5	-0.1%	5,091,410.00	5,639,672.93		5,639,672.93
333.00	5691	2022	Waterwheel, Turbines and Generators	418,543.74 (1)	150-L1.5	-25.8%	363,113.00	526,528.02		526,528.02
334.00	5691	2022	Accessory Electric Equipment	85,383.13 (1)	55-L1	-29.4%	62,891.00	69,663.35		69,663.35
335.00	5691	2022	Misc. Power Plant Equipment	97,031.59 (1)	55-R3	-3.5%	45,851.00	50,788.41		50,788.41
336.00	5691	2022	Roads, Railroads and Bridges	46,976.12 (1)	45-R0.5	0.0%	37,115.00	41,111.69		41,111.69
			Total Dix Dam	9,774,801.12			6,746,495.30	7,535,236.10	0.00	7,535,236.10
			Lock #7							
330.10	5692	2003	Land Rights	0.00 (1)	50-R2.5		-			0.00
331.00	5692	2003	Structures and Improvements	67,902,49 (1)	140-L1	-11.4%	75,146.00	69.837.66		69.837.66
332.00	5692	2003	Reservoirs, Dams and Waterways	324,145,88 (1)	150-L1.5	-1.8%	310,128.00	288,220,44		288,220.44
333.00	5692	2003	Waterwheel, Turbines and Generators	114.085.49 (1)	150-L1.5	-10.5%	135,607,00	126.064.47		126,064.47
334.00	5692	2003	Accessory Electric Equipment	264,485,91 (1)	55-L1	-1.1%	264,671.00	245,974.54		245,974.54
335.00	5692	2003	Misc. Power Plant Equipment	66.094.89 (1)	55-R3	-0.6%	61,881.00	57,509.70		57,509.70
336.00	5692	2003	Roads, Railroads and Bridges	1,169.79 (1)	45-R0.5	0.0%	1,142.00	1,061.33		1,061.33
			Total Lock #7	837,884.45			848,575.00	788,668.13	0.00	788,668.13
			Total Hydraulic Plant	10,612,685.57			7,595,070.30	8,323,904.23	0.00	8,323,904.23

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Electric Division Kentucky Book Depreciation Reserves as of Dece

Allocation of Book Depreciation Resorves as of December 31, 2002 Based Upon Calculated Depreciation Resorves (By Location and Account) as of December 31, 2002

Account <u>No.</u> (a)	Loc. <u>Code</u>	Probable Ret. <u>Date</u>	Description(b)	Cost 12/31/02 (C)	A.S.L./ <u>Curve</u> (d)	Salvage <u>%</u> (e)	Theoretical Deprecation <u>Reserve</u> (f)	Allocated Book Depr. Reserve (j)	Omitted <u>Retirements</u> (k)	Adjusted Book <u>Reserve</u> (I)
			OTHER PRODUCTION PLANT							
			Paddy's Run GT 13							
341.00	0432	2031	Structures and Improvements	1,910,327.76 (1)	45-R0.5	-8.2%	93,680.00	92,928.55		92,928.55 .
342.00	0432	2031	Fuel Holders, Producers and Access.	1,975,977.95 (1)	55-R1	-7.6%	112,302.00	111,401,17		111,401.17
343.00	0432	2031	Prime Movers	17,355,293.47 (1)	40-R0.5	-1.9%	814,569.00	808,034.94		808,034.94
344.00	0432	2031	Generators	5,185,636.11 (1)	42-R5	-6.7%	309,900.00	307,414.14		307,414.14
345.00	0432	2031	Accessory Electric Equipment	2,456,320.01 (1)	45-R5	-1.6%	126,420.00	125,405.92		125,405.92
346.00	0432	2031	Misc. Power Plant Equipment	1,089,550.03 (1)	30-R1	-0.5%	54,116.00	53,681.91		53,681.91
			Total Paddy's Run GT 13	29,973,105.33			1,510,987.00	1,498,866.63	0.00	1,498,866.63
			Trimble Co 5							
341.00	0470	2032	Structures and Improvements	3,566,217.06 (1)	45-R0.5	-6.9%	58,198.00	56,544.29		56,544.29
342.00	0470	2032	Fuel Holders, Producers and Access.	237,747.79 (1)	55-R1	-50.5%	4,504.00	4,376.02		4,376.02
343.00	0470	2032	Prime Movers	29,842,502.10 (1)	40-R0.5	-1.5%	466,128.00	452,882.82		452,882.82
344.00	0470	2032	Generators	3,734,423.83 (1)	42-R5	-11.9%	74,392.00	72,278.13		72,278.13
345.00	0470	2032	Accessory Electric Equipment	1,004,234.04 (1)	45-15	-3.0%	20,002.00	613 831 04	0.00	613 971 04
			Total Trimble Co 5	39,043,123.42			631,774.00	013,021.94	0.00	013,821.94
			Trimble Co. 6							
341.00	0471	2032	Structures and Improvements	3 564 353 01 /1)	45-R0 5	-6.9%	58 168 00	56 515 17		56 515 17
342.00	0471	2032	Fuel Holders Broducers and Access	237 623 60 (1)	55-R1	-50.6%	4 501 00	4 373 11		4 373 11
343.00	0471	2032	Prime Movers	29 826 880 91 (1)	40-20 5	-1 5%	465 884 00	452 646 01		452 646 01
344.00	0471	2032	Generators	3 732 468 71 (1)	42-R5	-11 9%	74 353 00	72 240 28		72 240 28
345.00	0471	2032	Accessory Electric Environment	1 663 365 15 (1)	45-R5	-3.0%	28 537 00	27 726 13		27,726,13
040.00	0411	2002	Total Trimble Co 6	39.024.692.28	40 110	0.0 /	631.443.00	613,500,69	0.00	613,500.69
			Trimble Co Pipeline							
342.00	0473	2032	Trimble Co Pipeline	4,474,853,28 (1)	55-R1	-18.2%	84,758,00	95.855.07		95,855.07
	a 155		Trimble Co Pipeline	4,474,853.28	068	101000	84,758.00	95,855.07	0.00	95,855.07

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Table 5-KY

Table 5-KY

Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable	•				Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)	2000		(b)	(c)	(d)	(e)	(f)	(i)	(k)	(1)
										(***) 1 * 1
			Brown 5							
341.00	5635	2031	Structures and Improvements	755,148.65 (1)	45-R0.5	-11.3%	37,032.00	37.043.69		37,043.69
342.00	5635	2031	Fuel Holders, Producers and Access.	727,929.28 (1)	55-R1	-11.4%	41,371.00	41,384.06		41,384.06
343.00	5635	2031	Prime Movers	12,440,942.32 (1)	40-R0.5	-1.9%	583,915.00	584,099.27		584,099.27
344.00	5635	2031	Generators	2,831,528.33 (1)	42-R5	-8.4%	169,216.00	169,269.40		169,269.40
345.00	5635	2031	Accessory Electric Equipment	2,265,166.84 (1)	45-R5	-1.2%	116,582.00	116,618.79		116,618.79
346.00	5635	2031	Misc. Power Plant Equipment	2,085,163.17 (1)	30-R1	-0.2%	103,566.00	103,598.68		103,598.68
			Total Brown 5	21,105,878.59			1,051,682.00	1,052,013.88	0.00	1,052,013.88
			B							
241.00	5676	2028	Structures and Improvements	133 679 33 /4)	45 D0 5	2 64	15 042 00	15 693 97		15 683 97
341.00	2020	2020	Structures and improvements	133,010.33 (1)	40-00.0	-3.07	13,942.00	10,003.07		10,003.07
342.00	5636	2020	Prime Mount	140,514.00 (1)	10 PO 6	-3.076	20,030.00	3 471 602 02		3 471 602 03
343.00	2030	2020	Concreter	31,351,711.35 (1)	40-10.5	-3.3%	525 122 00	528 AER 34		526 458 34
344.00	5636	2020	Accessory Floatin Equipment	1 254 816 11 (1)	42-RJ	-1.0%	168 242 00	165 517 84		165 517 84
345.00	5030	2020	Miss Dower Plast Equipment	19 003 92 (1)	30.01	-5.4%	1 883 00	1 852 51		1 852 51
340.00	3030	2020	Tatal Brown C	26 057 242 00	30-111	-0.470	4 260 086 00	A 200 BAE BE	0.00	4 200 845 85
			Total Brown o	30,837,343.88			4,205,503.00	4,200,045.05	0.00	4,200,045.05
			Brown 7			04 704	50 404 00	C1 700 00		C4 700 00
341.00	5637	2029	Structures and Improvements	488,353.77 (1)	45-RU.5	-31.7%	56,184.00	54,782.80		54,782.80
342.00	5637	2029	Fuel Holders, Producers and Access.	145,745.15 (1)	55-R1	-14.3%	19,271.00	18,790.39		18,790.39
343.00	5637	2029	Prime Movers	39,071,447.54 (1)	40-R0.5	-1.1%	3,858,622.00	3,762,389.64		3,762,389.64
344.00	5637	2029	Generators	3,722,788.46 (1)	42-R5	-11.5%	519,115.00	506,168.50		500,168.50
345.00	5637	2029	Accessory Electric Equipment	1,347,700.35 (1)	45-15	-40.2%	101,840.00	107,809.03		1 774 61
346.00	5637	2029	Misc. Power Plant Equipment	15,776.54 (1)	30-R1	-40.2%	1,820.00	1,774.61	0.00	1,774.01
			Total Brown 7	44,791,811.81			4,616,858.00	4,501,715.56	0.00	4,501,715.56
			Brown 8					statements where the statements of		
341.00	5638	2029	Structures and Improvements	2,012,654.95 (1)	45-R0.5	-10.0%	437,120.00	551,147.81		551,147.81
342.00	5638	2029	Fuel Holders, Producers and Access.	19,612.88 (1)	55-R1	-668.7%	4,915.00	6,197.13		6,197.13
343.00	5638	2029	Prime Movers	18,625,319.58 (1)	40-R0.5	-2.7%	3,687,767.00	4,649,763.68		4,649,763.68
344.00	5638	2029	Generators	4,953,960.72 (1)	42-R5	-10.4%	1,314,272.00	1,657,115.05		1,657,115.05
345.00	5638	2029	Accessory Electric Equipment	1,797,053.82 (1)	45-R5	-3.3%	409,421.00	516,223.20		516,223.20
346.00	5638	2029	Misc. Power Plant Equipment	230,068.72 (1)	30-R1	-3.5%	50,030.00	63,080.90	1000000	63,090.90
			Total Brown 8	27,638,670.67			5,903,525.00	7,443,527.78	0.00	7,443,527.78

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Table 5-KY

Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable					Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	(j)	(k)	(1)
							12.12		1070	1910
				-						
			Brown 9							
341.00	5639	2024	Structures and Improvements	4,641,054.86 (1)	45-R0.5	-6.5%	1,281,322.00	1,283,383.52		1,283,383.52
342.00	5639	2024	Fuel Holders, Producers and Access.	1,943,454.44 (1)	55-R1	-9.9%	586,843.00	587,787.17		587,787.17
343.00	5639	2024	Prime Movers	20,674,801.66 (1)	40-R0.5	-2.4%	5,242,693.00	5,251,127.97		5,251,127.97
344.00	5639	2024	Generators	5,452,040.97 (1)	42-R5	-9.5%	1,846,312.00	1,849,282.53		1,849,282.53
345.00	5639	2024	Accessory Electric Equipment	3,226,186.26 (1)	45-R5	-1.8%	925,393.00	926,881.86		926,881.86
346.00	5639	2024	Misc. Power Plant Equipment	760,255.37 (1)	30-R1	-1.1%	207,916.00	208,250.52		208,250.52
			Total Brown 9	36,697,793.56			10,090,479.00	10,106,713.57	0.00	10,106,713.57
			Brown 10							
341.00	5640	2025	Structures and Improvements	1,865,718.20 (1)	45-R0.5	-10.5%	459,349.00	450,116.53		450,116.53
342.00	5640	2025	Fuel Holders, Producers and Access.	31,737.96 (1)	55-R1	-414.4%	9,043.00	8,861.24		8,861.24
343.00	5640	2025	Prime Movers	18,800,096.69 (1)	40-R0.5	-2.7%	4,316,665.00	4,229,904.20		4,229,904.20
344.00	5640	2025	Generators	4,944,422.71 (1)	42-R5	-10.4%	1,477,420.00	1,447,725.28		1,447,725.28
345.00	5640	2025	Accessory Electric Equipment	1,804,419.47 (1)	45-R5	-3.2%	464,341.00	455,008.19		455,008.19
346.00	5640	2025	Misc. Power Plant Equipment	241,523.31 (1)	30-R1	-3.3%	55,176.00	54,067.02		54,067.02
			Total Brown 10	27,687,918.34			6,781,994.00	6,645,682.47	0.00	6,645,682.47
			Brown 11							
341.00	5641	2025	Structures and Improvements	1.802.595.65 (1)	45-R0.5	-10.7%	387,903.00	381,497,12		381,497,12
342.00	5641	2025	Fuel Holders, Producers and Access.	52,429,84 (1)	55-R1	-252.1%	12,809.00	12,597,47		12,597,47
343.00	5641	2025	Prime Movers	33.050.028.28 (1)	40-R0.5	-1.5%	5.103.125.00	5.018.851.36		5.018.851.36
344.00	5641	2025	Generators	5 187 040 30 (1)	42-R5	-9.9%	1 388 474 00	1 365 544 57		1 365 544 57
345.00	5641	2025	Accessory Electric Equipment	916 326 28 (1)	45-R5	-6.4%	211 250 00	207 761 39		207 761 39
346.00	5641	2025	Misc. Power Plant Equipment	204 854 53 (1)	30-R1	-3.9%	39 929 00	39 269 61		39 269 61
040.00	5041	2025	Total Brown 11	41 213 274 88	00-111	-0.376	7 143 490 00	7 025 521 52	0.00	7 025 521 52
			Total Brown Th	41,213,274.00			7,140,400.00	7,020,021.02	0.00	1,020,021.02
			Brown 9 Pipeline				00.000 10.000			COMP. NAMES OF ADDRESS
340.10	5645	2031	Land Rights	176,409.31 (1)	50-R2.5	0.0%	47,776.65	49,181.12		49,181.12
342.00	5645	2031	Fuel Holders, Producers and Access.	8,151,131.81 (1)	55-R1	-18.2%	2,119,350.00	2,181.651.65		2,181,651.65
			Total Brown 9 Pipeline	8,327,541.12			2,167,126.65	2,230,832.77	0.00	2,230,832.77



Table 5-KY

Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002

Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable					Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(C)	(d)	(0)	(f)	(i)	(k)	(1)
			Hafeling							
341.00	5696	2005	Structures and Improvements	434,853.46 (1)	45-R0.5	-18.0%	114,417.00	109,355.00		109,355.00
342 00	5696	2005	Fuel Holders, Producers and Access	181,132,61 (1)	55-R1	-39.2%	167,479.00	160 069 45		160,069,45
344 00	5696	2005	Generators	4 023 002 37 (1)	40-80 5	-6.5%	3 656 790 00	3 495 007 49		3 495 007 49
345.00	5696	2005	Accessory Electric Equipment	621 206 80 (1)	42-R5	-4 7%	515 183 00	492 390 44		492 390 44
346.00	5696	2005	Misc. Power Plant Equipment	35,805,20 (1)	45-R5	-11.2%	28 443.00	27 184 63		27 184 63
010100			Total Hafeling	5,296,000.44	30-R1		4,482,312.00	4,284,007.02	0.00	4,284,007.02
			Total Other Production Plant	362,234,009.71			49,366,413.65	50,312,904.75	0.00	50,312,904.75
			Total Production Plant	1.846.161.156.66			706.621.905.95	853.491.401.75	0.00	853.491.401.75
2.22			TRANSMISSION PLANT							
350.10			Land Rights	22,991,433.46	50-R2.5	0.0%	12,476,284.36	11,658,723.90		11,658,723.90
			Structures and Improvements							
352.10			Struct. and Improve Non Sys. Control/Com.	6,426,546.76	45-R3	-25.0%	3,030,647.97	2,832,052.15		2,832,052.15
352.20			Struct. and Improve Sys. Control/Com.	1,166,434.25	40-R3	-25.0%	761,861.06	711,936.94	17,975.03	693,961.91
			Total Account 352	7,592,981.01					17,975.03	3,526,014.06
			Station Equipment							
353.10			Station Equipment - Non Sys. Control/Com.	146,527,337.37	50-R2.5	-15.0%	53,991,811.44	50,453,773.27		50,453,773.27
353.20			Station Equip - Sys.Control/Com. (Microwave)	14,284,914.20	15-R3	-10.0%	8,602,078.67	8,038,391.66		8,038,391.66
			Total Account 353	160,812,251.57					0.00	58,492,164.93
354.00			Towers and Fixtures	60,533,459,11	55-R4	-60.0%	38,356,464.12	35,842,997.16		35,842,997.16
355.00			Poles and Fixtures	74,915,940.37	43-R2.5	-60.0%	41,821,506.42	39,080,978.14		39,080,978.14
356.00			Overhead Conductors and Devices	122,030,093.52	50-R3	-75.0%	85,922,489.08	80,292,060.35		80,292,060.35
357.00			Underground Conduit	435,926.80	50-R3	0.0%	94,054.66	87,891.34		87,891.34
358.00			Underground Conductors and Devices	1,114,761.90	30-R3	-20.0%	653,188.13	610,385.26		610,385.26
			Total Transmission Plant	450,426,847.74			245,710,385.91	229,609,190.17	17,975.03	229,591,215.14
			DISTRIBUTION PLANT							
360.10			Land Rights	1.423.182.13	50-R2.5	0.0%	799.811.42	871,665.37		871,665.37
361.00			Structures and Improvements	3,798,329,41	50-R2.5	-15.0%	1,190,417.81	1,297,363.29		1,297,363,29
362.00			Station Equipment	92.514.069.32	50-R1.5	-10.0%	24,695,147.01	26,913,724,72		26,913,724,72
364.00			Poles, Towers and Fixtures	167,558,546.62	40-S0	-55.0%	65,628,998.84	71,525,016.94		71,525,016.94

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Kentucky Utilities Electric Division Kentucky

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Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable	9				Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(c)	(d)	(e)	(f)	6)	(k)	())
365.00			Overhead Conductors and Devices	160,511,631.53	41-R2	-45.0%	72,560,919.00	79,079,691.18		79,079,691.18
366.00			Underground Conduit	1,551,966.69	50-R3	-10.0%	725,483.83	790,660.29		790,660.29
367.00			Underground Conductors and Devices	49,804,065.26	30-R3	-5.0%	10,634,054.72	11,589,403.43		11,589,403.43
368.00			Line Transformers	209,705,230.76	42-S0.5	-10.0%	61,310,304.89	66,818,337.52		66,818,337.52
369.00			Services	81,680,930.54	30-R3	-40.0%	42,890,663.87	46,743,901.54		46,743,901.54
370.00			Meters	61,133,035.49	44-R1	0.0%	16,417,401.78	17,892,318.35	1,456,792.77	16,435,525.58
371.00			Installations on customers' Premises	18,270,303.32	16-R0.5	-5.0%	6,354,803.08	6,925,709.76		6,925,709.76
373.00			Street Lighting and Signal Systems	45,406,623.49	28-R1	-10.0%	12,720,686.15	13,863,494.93		13,863,494.93
			Total Distribution Plant	893,357,914.56			315,928,692.40	344,311,287.31	1,456,792.77	342,854,494.54
			GENERAL PLANT							
			Structures and Improvements							
390.10			Struct. And Improve. To Owned Property	28,987,368.24	50-R1.5	-5.0%	7,108,418.86	10,718,145.14		10,718,145.14
390.20			Improvements to Leased Property	694,489.17	20-R1	0.0%	283,415.43	427,336.62		427,336.62
			Total Account 390	29,681,857.41					0.00	11,145,481.77
			Office Furniture and Equipment	2	2.5	12	12111 11121			
391.10			Office Equipment	6,168,471.98	15-L1	0.0%	1,429,090.45	2,154,796.89		2,154,796.89
391.30			Cash Processing Equipment	369,383.94	12-R4	0.0%	166,046.11	250,365.99		250,365.99
			Total Account 391	6,537,855.92					0.00	2,405,162.88
393.00			Stores Equipment	571,858.05	30-R3	0.0%	230,542.40	347.614.14		347,614.14
394.00			Tools, Shop and Garage Equipment	3,700,720.83	30-R2.5	0.0%	994,806.87	1,499,979.76		1,499,979.76
395.00			Laboratory Equipment	3,306,885.77	27-L3	0.0%	1,162,561.06	1,752,921.21		1,752,921.21
396.00			Power Operated Equipment	200,677.14	18-S5	15.0%	83,854.57	126,436.76		126,436.76
207.40			Communication Equipment	0.000 (01.70	40.00	0.00	040 555 00			4 070 444 50
397.10			Camer Communication Equipment	3,093,194.70	19-56	0.0%	846,555.28	1,2/6,444.53		1,276,444.53
397.20			Remote Control Communication Equipment	3,889,910.58	20-15	0.0%	820,497.18	1,237,153.85		1,237,153.80
397.30			Total Account 397	4,579,895.62 11,563,000.90	18-55	0.0%	751,213.88	1,132,687.81	0.00	1,132,687.81 3,646,286.21
398.00			Miscellaneous Equipment	457,348.94	19-L1.5	10.0%	141,487.02	213,335.55		213,335.55
			Total General Plant	56,020,204.96			31,555,155.54	47,579,179.53	0.00	21,137,218.27
			Sub-Total Depreciable Plant	3,245,966,123.92				1,474,991,058.76	1,474,767.80	1,447,074,329.70

Table 5-KY

Charnas

2-49



Table 5-KY

Kentucky Utilities Electric Division Kentucky Allocation of Book Depreciation Reserves as of December 31, 2002

Based Upon Calculated Depreciation Reserves (By Location and Account) as of December 31, 2002

		Probable					Theoretical	Allocated		Adjusted
Account	Loc.	Ret.		Cost	A.S.L./	Salvage	Deprecation	Book Depr.	Omitted	Book
No.	Code	Date	Description	12/31/02	Curve	%	Reserve	Reserve	Retirements	Reserve
(a)			(b)	(C)	(d)	(e)	(f)	())	(k)	(1)
10.0				3.3	5 T		815 	2.30	6 9	0.010
								×.		
			Other Plant (Not Studied)							
391.20			Non PC Computer Equipment	9,611,731,44	8-R4	0.0%	2,628,770,43	3.963.686.38		3,963,686,38
391.40			Personal Computers	9,814,322.00	4-L5	0.0%	5,793,617.75	8,735,674,86		8,735,674,86
392.00			Transportation Equipment - Cars & Trucks	23,749,238.51	10-L2	15.0%	9,114,278.25	13,742,600.02		13,742,600.02
929 0				67 828			15 A	27 B.		5. A.S.
			Total Other Plant (Not Studied)	43,175,291.95			17,536,666.43	0.00	0.00	26,441,961.26
			Total Depreciable Plant	3,289,141,415.87				1,474,991,058.76	1,474,767.80	1,473,516,290.96
			NON-DEPRECIABLE PLANT							
			INTANGIBLE PLANT							
301.00			Organization	44,455.58				0.00		0.00
302.00			Franchises and Consents	81,350.32				30,160.72		30,160.72
303.00			Miscellaneous Intangible Plant	17,297,387.08				9,098,855.50		9,098,855.50
			Total Intangible Plant	17,423,192.98				9,129,016.22	0.00	9,129,016.22
			LAND & LAND RIGHTS							
310.20			Production Land	10,478,524.55				0.00		0.00
330.20			Hydraulic Plant	13,479.47				0.00		0.00
340.20			Other Production Land	98,602.74				0.00		0.00
350.20			Transmission Land	1,162,528.04				-4,251.96		-4,251.96
360.20			Distribution Land	1,584,825.82				0.00		0.00
389.20			Land	2,826,347.43				154,183.00		154,183.00
			Total Land	16,164,308.05				149,931.04	0.00	149,931.04
			Total Non-Depreciable Plant	33,587,501.03				9,278,947.26	0.00	9,278,947.26
			T. () El () DI () Ó							
			Total Electric Plant in Service	3,322,728,916.90				1,484,270,006.02	1,474,767.80	1,482,795,238.22

(1) Life Span Method Utilzed. Interim Retirement Rate. Service Lives Vary.

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1.1 -

Table 5-VA

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Kentucky Utilities Electric Division Virginia

Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves as of December 31, 2002

Pre	obable			Theoretical	Allocated	
Account	t et.	Cost	A.S.L./	Salvage	Deprecation	Book Depr.
No.	; Description	12/31/02	Curve	%	Reserve	Reserve
(a)	(b)	(c)	(d)	(e)	(1)	(g)
	DEPRECIABLE PLANT					
	TRANSMISSION PLANT					
350.10	Land Rights	1,782,030.88	50-R2.5	0.0%	1,288,626.39	1,282,804.80
	Structures and Improvements					
352 10	Struct and Improve - Non Sys. Control/Com.	1.050.280.78	45-R3	-25.0%	503 866 35	501 590 05
352 20	Struct and Improve Sys. Control/Com.	0.00	40-R3	-25.0%	0.00	0.00
000.20	Total Account 352	1,050,280.78				0.00
	Station Souisment					
353 10	Station Equipment - Non Sys Control/Com	13 043 172 45	50-R2 5	.15.0%	4 830 208 23	4 808 386 04
353.10	Station Equip - Sys Control/Com (Microwaya)	0.00	15.83	-10.0%	4,030,200.23	4,000,000.94
333.20	Total Account 353	13,943,172.45	10-110	-10.070	0.00	0.00
			55 D 4	~~ ~~	0.050.050.44	
354.00	I owers and Fixtures	6,739,096.01	55-R4	-60.0%	3,359,052.11	3,343,877.02
355.00	Poles and Fixtures	5,246,663.42	43-R2.5	-60.0%	2,684,019.27	2,671,893.76
355.00	Overnead Conductors and Devices	11,605,472.16	50-R3	-75.0%	7,197,257.60	7,164,742.76
357.00	Underground Conduit	0.00	20 02	0.0%	0.00	0.00
358.00	Underground Conductors and Devices	0.00	30-R3	-20.0%	0.00	0.00
	Total Transmission Plant	40,366,715.70			19,863,029.95	19,773,295.33
	DISTRIBUTION PLANT					
360.10	Land Rights	83,580.13	50-R2.5	0.0%	39,980.01	49,087.98
361.00	Structures and Improvements	367,467.51	50-R2.5	-15.0%	113,146.16	138,922.33
362.00	Station Equipment	6,294,362.38	50-R1.5	-10.0%	1,513,026.47	1,857,713.58
364.00	Poles, Towers and Fixtures	12,133,206.90	40-S0	-55.0%	4,937,242.77	6,062,010.91
365.00	Overhead Conductors and Devices	12,306,434.76	41-R2	-45.0%	5,624,197.30	6,905,462.62
366.00	Underground Conduit	0.00	50-R3	-10.0%	0.00	0.00
367.00	Underground Conductors and Devices	519,618.44	30-R3	-5.0%	131,305.26	161,218.31
368.00	Line Transformers	12,035,778.33	42-50.5	-10.0%	4,081,265.64	5,011,031.05
369.00	Services	4,905,735.94	30-R3	-40.0%	2,777,328.75	3,410,040.37
370.00	Meters	3,616,919.29	44-R1	0.0%	1,131,466.63	1,389,229.45
371.00	Installations on customers' Premises	867,302.80	16-RU.5	-5.0%	356,675.81	437,931.20
373.00	Street Lighting and Signal Systems	1,229,044.76	28-R1	+10.0%	398,338.11	489,084.71
	Total Distribution Plant	54,359,451.24			21,103,972.91	25,911,732.50
	GENERAL PLANT					
	Structures and Improvements					
390.10	Struct. And Improve. To Owned Property	643.848.85	50-R1.5	-5.0%	218,774,94	381 131 81
390.20	Improvements to Leased Property	75,980.87	20-R1	0.0%	37,828,35	65 901 46
	Total Account 390	719,829.72	/ ••		0.1020.00	05,501.40
	Office Furniture and Equipment					
391.10	Office Equipment	39 094 49	15-11	0.0%	18 349 85	31 067 61
391.30	Cash Processing Equipment	0.00	12-R4	0.0%	0.00	0.00
	Total Account 391	39.094.49		0.070	0.00	0.00



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Theoretical

Table 5-VA

Allocated

Kentucky Utilities Electric Division Virginia

Allocation of Book Depreciation Reserves as of December 31, 2002 Based Upon Calculated Depreciation Reserves as of December 31, 2002

Salvage Cost A.S.L./ Deprecation Book Depr. Account et. 12/31/02 Reserve No. Description Curve % Reserve (d) (b) (c) (e) (f) (a) (g) Stores Equipment 8,103.30 30-R3 0.0% 3,032.79 5,283.48 393.00 394.00 Tools, Shop and Garage Equipment 275.731.08 30-R2.5 0.0% 39,754.18 69.256.48 27-L3 15,856.89 395.00 Laboratory Equipment 37,683.18 0.0% 27.624.58 **Power Operated Equipment** 0.00 18-S5 15.0% 0.00 396.00 0.00 Communication Equipment **Carrier Communication Equipment** 153,447.99 19-S6 0.0% 86,244.93 150,248.86 397.10 160,272.74 41,588.78 397.20 Remote Control Communication Equipment -20-L5 0.0% 72,452.57 58,275.04 397.30 Mobile Communication Equipment 240,853.23 18-S5 0.0% 33,450.68 Total Account 397 554,573.96 Miscellaneous Equipment 16,363.42 19-L1.5 10.0% 398.00 6.328.83 11,025.57 Total General Plant 1.651.379.15 1,005,676.28 1.752.006.96 Sub-Total Depreciable Plant 96,377,546.09 47,437,034.79 Other Plant (Not Studied) 391.20 Non PC Computer Equipment 0.00 0 0.0% 0.00 0.00 391.40 Personal Computers 0.00 n 0.0% 0.00 0.00 Transportation Equipment - Cars & Trucks 1.315,837.37 392.00 0 0.0% 504,466.06 878,839.51 Total Other Plant (Not Studied) 1,315,837.37 504,466.06 0.00 **Total Depreciable Plant** 97,693,383.46 47,437,034.79 NON-DEPRECIABLE PLANT INTANGIBLE PLANT 5,338.69 301.00 Organization 0.00 302.00 Franchises and Consents 0.00 30,160.72 Miscellaneous Intangible Plant 0.00 303.00 9,098,855.50 Total Intangible Plant 5,338.69 9,129,016,22 LAND & LAND RIGHTS 310.20 Production Land 0.00 0.00 Hydraulic Plant 0.00 330.20 0.00 Other Production Land 0.00 340.20 0.00 Transmission Land 350.20 68.167.96 4,251.96 **Distribution Land** 360.20 96,439.08 0.00 389.20 Land 91,571.48 0.00 Total Land 256,178.52 -4,251.96 **Total Non-Depreciable Plant** 261,517.21 9,124,764.26 **Total Electric Plant in Service** 97,954,900.67 56,561,799.05





Probable



KENTUCKY UTILITIES

Electric

General

This report sets forth the results of our study of the depreciable property of the Kentucky Utilities - Electric (the Company) as of December 31, 2002 and contains the basic parameters (recommended average service lives and life characteristics) for the proposed average remaining life depreciation rates until a subsequent service life study is completed. All average service lives set forth in this report are developed based upon plant in service as of December 31, 2002.

The scope of the study included an analysis of Company historical data through December 31, 2002, discussions with Company management staff to identify prior and prospective factors affecting the Company's plant in service, as well as interpretation of past service life data experience and future life expectancies to determine the appropriate average service lives of the Company's surviving plant. The service lives and life characteristics, resulting from the in-depth study, were utilized together with the Company's plant in service and book depreciation reserve to determine the recommended Average Remaining Life (ARL) depreciation rates related to the Company's plant in service as of December 31, 2002.

In preparing the study, the Company's historical investment data were studied using various service life analysis techniques. Further, discussions were held with the Company's management to obtain an overview of the Company's facilities and to discuss the general scope of operations together with other factors which could have a bearing on the service lives of the Company's property. Finally, the study results were tempered by

information gathered during plant inspection tours of a representative portion of the Company's property.

The Company maintains a property record containing a summary of its fixed capital investments by property account. This investment data was analyzed and summarized by property group and/or sub group and vintage then utilized as a basis for the various depreciation calculations.

Depreciation Study Overview

There are numerous methods utilized to recover property investment depending upon the goal. For example, accelerated methods such as double declining balance and sum of years digits are methods used in tax accounting to motivate additional investments. Broad Group (BG) and Equal Life Group (ELG) are both Straight Line Grouping Procedures recognized and utilized by various regulatory jurisdictions depending upon the policy of the specific agency.

The Straight Line (Group) Method of depreciation utilized in this study to develop the recommended depreciation rates is the Broad Group Procedure together with the Average Remaining Life Technique. The use of this procedure and technique is based upon recovering the net book cost (original cost less book reserve) of the surviving plant in service over its estimated remaining useful life. Any variance between the book reserve and an implied theoretical calculated reserve is compensated for under this procedure. That is, as the Company's book reserve increases above or declines below the theoretical reserve at a specific point in time, the Company's average remaining life depreciation rate in subsequent years will be increased or decreased to compensate for the variance, thereby, assuring full recovery of the Company's investment by the end of the property's

3-2

life.

The Company, like any other business, includes as an annual operating expense an amount which reflects a portion of the capital investment which was consumed in providing service during the accounting period. The annual depreciation amount to be utilized is based upon the remaining productive life over which the undepreciated capital investment needs to be recovered. The determination of the productive remaining life for each property group usually includes an in-depth study of past experience in addition to estimates of future expectations.

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Annual Depreciation Accrual

Through the utilization of the Average Remaining Life Technique, the Company will recover the undepreciated fixed capital investment in the appropriate amounts as annual depreciation expense in each year throughout the remaining life of the property. The procedure incorporates the future life expectancy of the property, the vintaged surviving plant in service, and estimated net salvage, together with the book depreciation reserve balance to develop the annual depreciation rate for each property account. Accordingly, the ARL technique meets the objective of providing a straight line recovery of the undepreciated fixed capital property investment.

As indicated, the use of the Average Remaining Life Technique results in charging the appropriate annual depreciation amounts over the remaining life of the property to insure full recovery by end of life. That does not mean that once an average remaining life is estimated, it can not be changed at any point throughout the service life, but that the annual expense is calculated on a Straight Line Method rather than by the previously mentioned, "sum of the years digits" or "double declining balance" methods, etc. The

3-3
"group" refers to the method of calculating annual depreciation on the summation of the investment in any one depreciable group or plant account rather than calculating depreciation for each individual unit.

Under Broad Group depreciation some units may be over depreciated and other units may be under depreciated at the time when they are retired from service, but overall, the account is fully depreciated when average service life is attained. By comparison, Equal Life Group depreciation rates are designed to fully accrue the cost of the asset group by the time of retirement. For both the Broad Group and Equal Life Group Procedures the full cost of the investment is credited to plant in service when the retirement occurs and likewise the depreciation reserve is debited with an equal retirement cost. No gain or loss is recognized at the time of property retirement because of the assumption the retired property was at average service life.

Group Depreciation Procedures

Group depreciation procedures are utilized to depreciate property when more than one item of property is being depreciated. Such a procedure is appropriate because all of the items within a specific group typically do not have identical service lives, but have lives which are dispersed over a range of time. Utilizing a group depreciation procedure allows for a condensed application of depreciation rates to groups of similar property in lieu of extensive depreciation calculations on an item by item basis. The two more common group depreciation procedures are the Broad Group (BG) and Equal Life Group (ELG) approach.

In developing depreciation rates using the Broad Group procedure, the annual depreciation rate is based on the average of the overall group, which is then applied to the

group's surviving original cost investment. A characteristic of this procedure is that retirements of individual units occurring prior to average service life will be under depreciated, while individual units retired after average service life will be over depreciated when removed from service, but overall, the group investment will achieve full recovery by the end of the life of the total property group. That is, the under recovery occurring early in the life of the account is balanced by the over recovery occurring subsequent to average service life. In summary, the cost of the investment is complete at the end of the property's life cycle, but the rate of recovery does not match the consumption pattern which was used to provide service to the company's customers.

Under the average service life procedure, the annual depreciation rate is calculated by the following formula:

Annual Accrual Rate, Percent = <u>100% - Salvage</u> X 100 Average Service Life

The application of the broad group procedure to life span groups results in each vintage investment having a different average service life. This circumstance exists because the concurrent retirement of all vintages at the anticipated retirement year results in truncating and, therefore, restricting the life of each successive years vintage investment. An average service life is calculated for each vintage investment in accordance with the above formula. Subsequently, a composite service life and depreciation rate is calculated relative to all vintages within the property group by weighting the life for each vintage by the related surviving vintage investment within the group.

In the Equal Life Group, the property group is subdivided, through the use of plant life tables, into equal life groups. In each equal life group, portions of the overall property group includes that portion which experiences the life of the specific sub-group. The

relative size of each sub-group is determined from the overall group life characteristic (property dispersion curve). This procedure both overcomes the disadvantage of voluminous record requirements of unit depreciation, as well as, eliminates the need to base depreciation on overall lives as required under the broad group procedure. The application of this procedure results in each sub-group of the property having a single life. In this procedure, the full cost of short lived units is accrued during their lives leaving no under accruals to be recovered by over accruals on long lived plant. The annual depreciation for the group is the summation of the depreciation accruals based on the service life of each Equal Life Group.

The ELG Procedure is superior to the BG Procedure because it allocates the capital cost of a group property to annual expense in accordance with the consumption of the property group providing service to customers. In this regard, the company's customers are more appropriately charged with the cost of the property consumed in providing them service during the applicable service period. The more timely return of plant cost is accomplished by fully accruing each unit's cost during its service life, thereby, not only reducing the risk of incomplete cost recovery, but also the procedure results in less return on rate base over the life of a depreciable group. The total depreciation expense is the same for all procedures which allocate the full capital cost to expense, but at any specific point in time, the depreciated original cost is less under the ELG procedure than under the BG procedure. This circumstance exists because under the equal life group procedure, the rate base is not maintained at a level of greater than the future service value of the surviving plant as is the case when using the average service life procedure. Consequently, the total return required from the ratepayers is less under the ELG

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procedure.

While the equal life group procedure has been known to depreciation experts for many years, widespread interest in applying the procedure developed only after high speed electronic computers became available to perform the large volume of arithmetic computations required in developing ELG based depreciation lives and rates. The table on the following page illustrates the procedure for calculating equal life group depreciation accrual rates and summarizes the results of the underlying calculations. Depreciation rates are determined for each age interval (one year increment) during the life of a group of property which was installed in a given year or vintage group. The age of the vintage group is shown in column (A) of the ELG table. The percent surviving at the beginning of each age interval is determined from the lowa 10-R3 survivor curve which is set forth in column (B). The percent retired during each age interval, as shown in column (C), is the difference between the percent surviving at successive age intervals. Accordingly, the percentage amount of the vintage group retired defines the size of each equal life group. For example, during the interval 3 1/2 to 4 1/2, 1.93690 percent of the vintage group is retired at an average age of four years. In this case, the 1.93690 percent of the group experiences an equal life of four years. Likewise, 3.00339 percent is retired during the interval 4 1/2 to 5 1/2 and experiences a service life of five years. Further, 4.42969 percent experiences a six-year life; etc. Calculations are made for each age interval from the zero age interval through the end of the life of the vintage group. The average service life for each age interval's equal life group is shown in column (E) of the table.

The amount to be accrued annually for each equal life group is equal to the percentage retired in the equal life group divided by its service life. Inasmuch as additions

XYZ UTILITY COMPANY CALCULATION OF ASL, ARL AND ACCRUED DEPRECIATION FACTORS BASED UPON AN IOWA 10-R3 CURVE USING THE EQUAL LIFE GROUP (ELG) PROCEDURE

			•		1	_	EQUAL LIFE GROUP PROCEDURE			
AGE AT BEGIN OF INTERVAL	LIFE TABLE BEGIN OF INTERVAL	RETIREMENT DURING INTERVAL	AVERAGE SURVIVING	AGE OF AMOUNT <u>RETIRED</u>	AMOUNT FOR EACH LIFE GROUP	AMOUNT FOR REMAINING LIFE GROUPS	AVERAGE SERVICE LIFE	AVERAGE REMAINING LIFE	ELG/ARL DEPR <u>RATE</u>	ACCRUED DEPR RES <u>FACTOR</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(†)	(L)	(К)
0.0	1.0000000	0.0009198	0.9995401	0.25	0.0009198	0.0583036	8.57	8.57	11.67	0.0000000
0.5	0.9990802	0.0033314	0.9974145	1.0	0.0033314	0.1131019	8.82	8.32	11.34	0.0566975
1.5	0.9957488	0.0065393	0.9924792	2.0	0.0032697	0.1098013	9.04	7.54	11.06	0.1659501
2.5	0.9892095	0.0117037	0.9833577	3.0	0.0039012	0.1062159	9.26	6.76	10.80	0.2700337
3.5	0.9775058	0.0193690	0.9678213	4.0	0.0048422	0.1018442	9.50	6.00	10.52	0.3683062
4.5	0.9581368	0.0300339	0.9431199	5.0	0.0060068	0.0964196	9.78	5.28	10.22	0.4600565
5.5	0.9281029	0.0442969	0.9059545	6.0	0.0073828	0.0897248	10.10	4.60	9.90	0.5447146
6.5	0.8838060	0.0631367	0.8522377	7.0	0.0090195	0.0815237	10.45	3.95	9.57	0.6217794
7.5	0.8206693	0.0876232	0.7768577	8.0	0.0109529	0.0715375	10.86	3.36	9.21	0.6906424
8.5	0.7330461	0.1166879	0.6747022	9.0	0.0129653	0.0595783	11.32	2.82	8.83	0.7505770
9.5	0.6163582	0.1431836	0.5447664	10.0	0.0143184	0.0459365	11.86	2.36	8.43	0.8010714
10.5	0.4731746	0.1533568	0.3964962	11.0	0.0139415	0.0318066	12.47	1.97	8.02	0.8423003
11.5	0.3198178	0.1363216	0.2516570	12.0	0.0113601	0.0191557	13.14	1.64	7.61	0.8753616
12.5	0.1834962	0.0975199	0.1347363	13.0	0.0075015	0.0097249	13.85	1.35	7.22	0.9022159
13.5	0.0859763	0.0559043	0.0580242	14.0	0.0039932	0.0039775	14.59	1.09	6.85	0.9254232
14.5	0.0300720	0.0244398	0.0178521	15.0	0.0016293	0.0011663	15.31	0.81	6.53	0.9473077
15.5	0.0056322	0.0055324	0.0028660	16.0	0.0003458	0.0001788	16.03	0.53	6.24	0.9667657
16.5	0.0000998	0.0000998	0.0000499	17.0	0.0000059	0.0000029	17.00	0.50	5.88	0.9705882
17.5	0.0000000	0.000000	0.0000000	18.0	0.0000000	0.0000000				
		1.0000000			it	1.0000000				
										(a)

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and retirements are assumed, for calculation purposes, to occur at midyear only one-half of the equal life group's annual accrual is allocated to expense during its first and last years of service life. The accrual amount for the property retired during age interval 0 to 1/2 must be equal to the amount retired to insure full recovery of that component during that period. The accruals for each equal life group during the age intervals of the vintage group's life cycle are shown in column (F). The total accrual for a given year is the summation of the equal life group accruals for that year. For example, the total accrual for the second year, as shown in column (G), is 11.31019 percent and is the sum of all succeeding years remaining equal life group accruals plus one half of the current years life group accrual listed in column (F). For the zero age interval year, the total accrual is equal to one half of the sum of all succeeding years remaining equal life accruals plus the amount for the zero interval equal life group accrual. The one half year accrual for the zero age interval is consistent with the half year convention relative to property during its installation year. The sum of the annual accruals for each age interval contained in column (G) total to 1.000 demonstrating that the developed rates will recover 100% of plant no more and no less. The annual accrual rate which will result in the accrual amount is the ratio of the accrual amount (11.31019 percent) to the average percent surviving during the interval, column (D), (99.74145 percent), which is a rate of 11.34% (column J). Column (J) contains a summary of the accrual rates for each age interval of the property groups life cycle based upon an Iowa 10-R3 survivor curve.

Remaining Life Technique

In the Average Remaining Life depreciation technique, the annual accrual is calculated according to the following formula where, (A) the annual depreciation for each

group equals, (D) the depreciable cost of plant, less (U) the accumulated provision for depreciation, less (S) the estimated future net salvage, divided by (R) the composite remaining life of the group:

The annual accrual rate (a) is expressed as a percentage of the depreciable plant balance by dividing the equation by (D) the depreciable cost of plant times 100:

(a) =
$$\frac{D - U - S}{R} \times \frac{1}{D} \times 100$$

As further indicated by the equation, the accumulated provision for depreciation by vintage is required in order to calculate the remaining life depreciation rate for each property group. In practice, most often such detail is not available; therefore, composite remaining lives are determined for each depreciable group, i.e., property account.

The remaining life for a depreciable group is calculated by first determining the remaining life for each vintage year in which there is surviving investment. This is accomplished by solving the area under the survivor curve selected to represent the average life and life characteristic of the property account. The remaining life for each vintage is composited by dividing (D) the depreciable cost of each vintage, by (L) its average service life, and multiplying this ratio by its average remaining life (E). The composite remaining life of the group (R) equals the sums of products divided by the sum of the quotients:

$$R \text{ Group} = \sum_{i} \frac{D/L \times E}{D/L}$$

The functional level accumulated provision for depreciation, which was the basis for developing the composite average remaining life accrual and annual depreciation rate for

each property account as per this report, was obtained from the Company's books and records. The functional level depreciation reserve was further allocated to each property account and sub-account based upon a detailed theoretical depreciation reserve as of December 31, 2002.

Salvage

Net salvage is the difference between gross salvage, or what is received when an asset is disposed of, and the cost of removing it from service. Salvage experience is normally included with the depreciation rate so that current accounting periods reflect a proportional share of the ultimate abandonment and removal cost or salvage received at the end of the property service life. Net salvage is said to be positive if gross salvage exceeds the cost of removal, but if cost of removal exceeds gross salvage the result is then negative salvage.

The cost of removal includes such costs as demolishing, dismantling, tearing down, disconnecting or otherwise removing plant, as well as normal environmental clean up costs associated with the property. Salvage includes proceeds received for the sale of plant and materials or the return of equipment to stores for reuse.

Net salvage experience is studied for a period of years to determine the trends which have occurred in the past. These trends are considered together with any changes that are anticipated in the future to determine the future net salvage factor for remaining life depreciation purposes. The net salvage percentage is determined by relating the total net positive or negative salvage to the book cost of the property investment.

With regard to location type properties (e.g. generation facilities, etc.) a company will routinely experience both interim and terminal net salvage. Interim net salvage occurs in

conjunction with interim retirements that occur throughout the life of the asset group. This net salvage activity (routinely and largely cost of removal) is attributable to the removal of components within the Company's facilities to enable the placement of a new asset component. Interim net salvage is routinely negative given the care required in removing the defective component so as not to damage the remaining plant in service. Interim net salvage is applicable to the estimated interim retirement assets.

The terminal net salvage component is attributable to the end of life costs incurred (less any gross salvage received) to disconnect, remove, demolish and/or dispose of the operating asset. Terminal net salvage is attributable to those assets remaining in service subsequent to the occurrence of interim retirements.

The total net salvage incorporated into the depreciation rate for location type plant account investments is the sum of interim and terminal net salvage. Both of the items must be incorporated in the development of annual depreciation rates to enable the Company to fully recover its total plant life costs. Otherwise, upon retirement of the plant, the Company will incur end of life costs without having recovered those plant related costs from the customers who benefitted from the use of the expired facility.

Service Lives

Several factors contribute to the length of time or average service life which the property achieves. The three (3) major categories under which these factors fall are: (1) physical; (2) functional, and; (3) contingent casualties.

The physical category includes such things as deterioration, wear and tear and the action of the natural elements. The functional category includes inadequacy, obsolescence and requirements of governmental authorities. Obsolescence occurs when

it is no longer economically feasible to use the property to provide service to customers or when technological advances have provided a substitute of superior performance. The remaining factor of contingent casualties relates to retirements caused by accidental damage or construction activity of one type or another.

In performing the life analysis for any property being studied, both past experience and future expectations must be considered in order to fully evaluate the circumstances which may have a bearing on the remaining life of the property. This ensures the selection of an average service life which best represents the expected life of each property investment.

Survivor Curves

The preparation of a depreciation study or theoretical depreciation reserve typically incorporates smooth curves to represent the experienced or estimated survival characteristics of the property. The "smoothed" or standard survivor curves generally used are the family of curves developed at Iowa State University which are widely used and accepted throughout the utility industry.

The shape of the curves within the lowa family are dependent upon whether the maximum rate of retirement occurs before, during or after the average service life. If the maximum retirement rate occurs earlier in life, it is a left (L) mode curve; if occurring at average life, it is a symmetrical (S) mode curve; if it occurs after average life, it is a right (R) mode curve. In addition, there is the origin (O) mode curve for plant which has heavy retirements at the beginning of life.

Many times, actual Company data has not completed its life cycle, therefore, the survivor table generated from the Company data is not extended to zero percent surviving.

This situation requires an estimate be made with regard to the remaining segment of the property group's life experience. Further, actual Company experience is often erratic, making its utilization for average service life estimating difficult. Accordingly, the Iowa curves are used to both extend Company experience to zero percent surviving as well as to smooth actual Company data.

Study Procedures

Several study procedures were used to determine the prospective service lives recommended for the Company's plant in service. These include the review and analysis of historical retirements, current and future construction, historical experience and future expectations of salvage and cost of removal as related to plant investment. Service lives are affected by many different factors, some of which can be obtained from studying plant experience, others which may rely heavily on future expectations. When physical aspects are the controlling factor in determining the service life of property, historical experience is a valuable tool in selecting service lives. In the case where changing technology or a less costly alternative develops, then historical experience is of lesser value.

While various methods are available to study historical data, the principal methods utilized to determine average service lives for a Company's property are the Retirement Rate Method, the Simulated Plant Record Method, the Life Span Method, and the Judgement Method.

<u>Retirement Rate Method</u> - The Retirement Rate Method uses actual Company retirement experience to develop a survivor curve (observed life table) which is used to determine the average service life being experienced in the account under study. Computer processing provides the opportunity to review various experience bands throughout the life of the account to observe trends and changes. For each experience band studied, the "observed life table" is constructed based on retirement experience within the band of years. In some cases, the total life of the account has not been achieved and the experienced life table, when plotted, results in a "stub curve." It is this "stub curve" or total life curve, if achieved, which is matched or fitted to a standard Survivor curve. The matching process is performed both by computer analysis, using a least squares technique, and by manually plotting observed life tables to which smooth curves are fitted. The fitted smooth curve provides the basis to determine the average service life of the property group under study.

<u>Simulated Balances Method</u> - In this method of analysis, simulated surviving balances are determined for each balance included in the test band by multiplying each proceeding years original gross additions installed by the Company by the appropriate factor of each Standard Survivor Curve, summing the products, and comparing the results with the related year end plant balance to determine the "best fitting" curve and life within the test period. Various test bands are reviewed to determine trends or changes to indicated service lives in various bands of years. By definition, the curve with the "best fitt" is the curve which produces simulated plant balances that most closely matches the actual plant balances as determined by the sum of the "least squares". The sum of the "least squares" is arrived at by starting with the difference between the simulated balances and the actual balance for a given year, squaring the difference, and the curve which produces the smallest sum (of squared difference) is judged to be the "best fit".

<u>Period Retirements Method</u> - The application of the Period Retirements Method is similar to the "Simulated Plant Balances" Method, except the procedure utilizes a Standard Survivor Curve and service life to simulate annual retirements instead of balances in performing the "least squares" fitting process during the test period. This procedure does tend to experience wider fluctuations due to the greater variations in level of experienced retirements versus additions and balances thereby producing greater variation in the study results.

Life Span Method - The Life Span or Forecast Method is a method utilized to study various accounts in which the expected retirement dates of specific property or locations can be reasonably estimated. In the Life Span Method, an estimated probable retirement year is determined for each location of the property group. An example of this would be a structure account, in which the various segments of the account are "life spanned" to a probable retirement date which is determined after considering a number of factors, such as management plans, industry standards, the original construction date, subsequent additions, resultant average age and the current - as well as the overall - expected service life of the property being studied. If in the past the property has experienced interim retirement rate parameters are estimated for properties which are anticipated to experience such retirements. The selected interim service life parameters (lowa curve and life) are then used with the vintage investment and probable retirement year of the property to determine the average remaining life as of the study date.

<u>Judgement Method</u> - Standard quantitative methods such as the Retirement Rate Method, Simulated Plant Record Method, etc. are normally utilized to analyze a Company's available historical service life data. The results of the analysis together with information provided by management as well as judgement are utilized in estimating the prospective

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recommended average service lives. However, there are some circumstances where sufficient retirements have not occurred, or where prospective plans or guidelines are unavailable. In these circumstances, judgement alone is utilized to estimate service lives based upon service lives used by other utilities for this class of plant as well as what is considered to be a reasonable life for this plant giving consideration to the current age and use of the facilities.



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KENTUCKY UTILITIES

Electric Division

Study Results

Account 311 - Structures and Improvements

The current investment in this account totals \$154,711,332 and is currently being depreciated utilizing an annual depreciation rate of 2.97 percent. The property investment, which has achieved a current average age of 21.6 years is related to the Company's facilities located at four (4) different generation station locations, including Tyrone, Green River, Brown, and Ghent. Each of the facilities have one or more operating units which were placed into service at various periods over the Company's history. While the initial units were placed into service at Tyrone during 1948 at Green River during 1954; at Brown during 1956; and at Ghent during 1974 additional units were added as the Company required more generating capacity.

The Company's investment in this property category is being analyzed via the Life Span Method in which each generating facility's location investment is life spanned to a probable retirement date (estimated by the Company's engineering staff) giving consideration to the original investment, subsequent upgrades, as well as the Company's current and anticipated plans. In addition, interim retirements totaling approximately \$3,521,373 were analyzed via the Retirement Rate Method to identify the applicable interim retirement rate which is anticipated to be experienced by this property during the years until the estimated probable retirement year. The analysis of the interim historical data utilizing the Retirement Rate Method indicates that the interim retirements have occurred at an average age of 39.6 years. This analysis provides an indication of an Iowa 90-S1.5 interim retirement rate life and curve which is considered representative of the interim retirements achieved by this class of property. Application of the applicable life

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spans to each location's investment along with the estimated interim retirement rate produces an implicit average service life of 39.9 years for the Company's generation station structures and an average remaining life of 21.1 years.

An analysis of the Company's net salvage experience was completed relative to the Company's historical information during the period 1964-2002. During the period, retirements have totaled approximately \$3,175,092 which generally produced various vintage levels of negative net salvage during the study period. In addition to the typical interim negative net salvage, the Company is also faced with the future removal and disposal of asbestos materials from its generating stations. The cost for removal of such facilities in the future is not specifically identified at the present time but it is expected that such costs will result in ongoing high levels of future net negative salvage. Based upon the experience and future expectations, future interim net salvage is estimated at negative five (5) percent of the anticipated level of future interim retirements (negative 0.4 percent on total plant). In addition to interim net salvage, it is anticipated that the Company will incur terminal negative net salvage at the end of each property's useful service life. Calculations of future terminal negative net salvage, which aggregate fourteen (14) percent relative to the overall property account, is based upon cost information obtained from an analysis of terminal net salvage experienced by the Company in conjunction with the retirement of it Pineville plant. Total future net salvage is estimated at negative 14.4 percent and when utilized together with the average remaining life of 21.1 years produces an annual depreciation rate of 1.75 percent.

Account 312 - Boiler Plant Equipment

The Company's investment in this account totals \$1,024,872,088 of which \$234,674,584 is related to mandated NOX Project expenditures. The account investment has attained a current average age of 18.3 years and is being depreciated based upon an annual depreciation rate of 2.79 percent. This account is comprised of property

investments related to fourteen (14) different operating units located at four (4) different plant locations. The Company's overall steam production capacity totals approximately 3,925 MW. The plants, which range in size from less than 60 MW to 557 MW capacity, were originally placed into service between the years of 1948 and 1984.

The Company has continuously experienced interim retirements from this property account, over the past five (5) decades or more since the original facility was placed into service, and retirements have increased markedly during more recent years. In fact, during 1987 through 2002, the Company experienced more than ninety (90) percent of the \$39 million of retirements that has occurred over the account's history. Large retirements during the 1990's were related to various units which occurred in conjunction with the various projects, required to maintain and upgrade the operating efficiency of the facilities as well as to comply with the ever increasing pollution abatement requirements. Various additional changes and modifications related to pollution control which requires the Company to expand more than \$300 over the next three (3) years.

Continuous assessments are being completed to reduce the operating cost of each of the units plus bring the facilities into compliance with ever changing environmental regulations; therefore, there are increased risks concerning the continued utilization of various units. Accordingly, numerous ongoing changes will occur, which together with the current changes within the structure of the electric industry results in many uncertainties concerning the future of all generation plants. Based upon the historical analysis, plus discussions with Company management relative to future plans for their generating facilities, each generating unit was life spanned to an estimated probable retirement year estimated by the Company's engineering staff.

Furthermore, an interim retirement rate of an Iowa 70-L1.5 was identified through an analysis of the Company's experienced interim retirement during the 1952-2002 band utilizing the Retirement Rate Method. As noted, it is anticipated that the Company will

experience continual boiler changes to meet air quality standards, as well as the result of the Company's efforts to lower operating costs through the application of more efficient facilities.

An analysis was completed of the Company's net salvage experienced during the period 1988-2002 relative to the original cost of retirements during the study period. In conjunction with retirements totaling more than \$36 million, the Company has incurred more then \$7 million of negative net salvage and experienced historical average negative net salvage of approximately twenty (20) percent during the overall fifteen (15) year period. which when analyzed via trend analysis indicates approximately negative thirty (30) percent future interim net salvage. Furthermore, it is noted that the Company's boiler plant facilities contains various levels and qualities of asbestos which will require future expenditures for property handling and disposal. Based upon the available data, future interim net salvage is estimated at negative twenty-five (30) percent on the anticipated level of future interim retirements (or negative 4.8% on the current total plant in service). In addition to the interim net salvage, terminal negative net salvage is anticipated to occur at the end of each property's useful service life. Calculations of future terminal negative net salvage which aggregated 4.3 percent relative to the overall property account investment are based upon cost information obtained from a study of the Company's terminal net salvage. Accordingly, giving consideration to both historical experience and future expectations for asbestos abandonment and other cost of removal expenditures, plus estimated terminal net salvage, future net salvage is estimated at negative 9.0 percent. Utilizing the Company's investment together with the estimated net salvage factors and average remaining lives produces an annual depreciation rate of 3.18 percent.

Account 314 - Turbo-generator Units

The investment in this account totals \$191,722,845, has achieved a current average age of 21.9 years, and is being depreciated utilizing an annual depreciation rate of 2.51

percent. The Company's generating facilities are located at each of the Company's fourteen (14) production facilities which have a total net generating capacity of approximately 3,925 MW.

While some retirements have occurred relative to turbo-generator units during the 1950's through 1970's, the majority of the retirement activity, which has totaled \$11,914,872, has occurred during the most recent decade. Based upon a review of the historical cost data, together with information provided by Company management concerning future plans for its generating units, probable retirement years were incorporated into the life analysis of this property group. Furthermore, an interim retirement rate of an lowa 60-S1.5 was developed via an analysis of the Company's 1952-2002 vintage experience via the Retirement Rate Method. Application of the Company's surviving investment together with the estimated interim retirement rate and applicable probable retirement years of each facility produces an implicit average service life of 38.0 years and an average remaining life of 20.1 years.

Retirements totaling \$10,811,004 during the period 1994-2002 were analyzed together with the Company's net salvage which totaled approximately \$892,277. Due to one years large gross salvage the resulting net salvage experience was approximately eight (8) percent, however, a trend analysis of the historical experience produced indicated future interim net salvage of approximately negative thirty (30) percent. Based upon the analysis results future interim net salvage is estimated at negative twenty-five (25) percent (negative 6.3 percent on the current total plant). In addition to the interim net salvage, terminal negative net salvage is anticipated to occur at the end of each property's useful service life. Calculations of future terminal negative net salvage which aggregated 3.8 percent relative to the overall property account investment is based upon cost information obtained from terminal net salvage data relative to the Company's retirement of its Pineville plant. Based upon the Company's experience and ongoing anticipated increased

costs in future years, plus general industry data, total future net salvage is estimated at negative 10.1 percent for this property category. The resulting recommended annual depreciation rate for this account is 2.17 percent.

Account 315 - Accessory Electric Equipment

The investment in this account totals \$81,289,114, has achieved a current average age of 22.3 years, and is presently being depreciated utilizing an annual depreciation rate of 2.48 percent. An initial analysis was completed utilizing the Company's historical accounting records together with the Simulated Plant Record Method to identify overall useful life being achieved by this property to date.

Utilizing the above referenced information together with available Company plans, the average service life and resulting annual depreciation rate for this account is being determined through the utilization of the Life Span Methodology together with estimated probable retirement dates developed by the Company's engineering staff. The account investment has experienced interim retirements totaling \$1,148,585 during the overall period in which property has been in service. Of the overall retirements, a large majority have occurring during the most recent two (2) decades. Using this data, an analysis was completed utilizing the Retirement Rate Method to identify the interim retirements. Based upon the Company's vintage retirement records for the 1952-2002 band, an Iowa 75-S2 was estimated as the applicable retirement rate. Applying each unit's vintage investment to the Life Span Method along with the interim retirement rate and probable retirement years produces an implicit average service life of 22.3 years and an average remaining life of 22.9 years.

An analysis was completed of the Company's historical net salvage data experienced in conjunction with the interim retirements during the 1994-2002 experience band. Historical net salvage during the period 1994-2002 has averaged approximately negative

thirty-six (36) percent with more recent years experiencing far lower levels, therefore, future interim net salvage was estimated at zero (0) percent. Conversely, future terminal net salvage is estimated at negative 9.3 percent which is anticipated to occur at the end of the property groups life. The estimated of terminal net salvage is based upon cost information obtained from an analysis of the Company's terminal net salvage data. Total future net salvage is estimated at negative 9.3 percent and the application of the service life and salvage parameters to the current investment produces an recommended annual depreciation rate of 1.63 percent.

Account 316 - Miscellaneous Power Plant Equipment

The investment in this account totals \$20,719,081, has achieved a current average age of 15.4 years, and is currently being depreciated based upon an implicit annual depreciation rate of 2.93 percent.

Retirements totaling approximately \$1.2 million have occurred from this property account with the majority of the activity occurring during the recent history of the account.

The overall implicit average service life and average remaining life for this property group is being developed utilizing the Life Span Methodology. Probable retirement dates for each of the operating units are based upon information developed by the Company's engineering staff. In addition, an interim retirement rate was developed based upon the Company's available historical interim retirement records totaling \$1.2 million which occurred at an average age of 16.3 years. Application of the current investment together with the applicable interim retirement rate and the probable retirement years produced an implicit average service life of 32.8 years and a resulting remaining life of 20.6 years.

The Company's historical interim net salvage was analyzed for the period 1988-2002 and identifies that overall the Company has experienced overall interim net salvage of approximately five (5) percent with lower levels occurring during several more recent years. Future interim net salvage is estimated at zero (0) percent. Future terminal net salvage relative to end of life cost is estimated at negative 2.3 percent and is based upon cost information obtained from an analysis of the Company's data relative to the retirement of its Pineville plant. Total future net salvage is estimated at negative 2.3 percent and the resulting annual depreciation rate is 2.52 percent.

Account 330.10 Land Rights

The surviving investment in this account totals \$879,311, has achieved a current average age of 61.5 years, and is being depreciated using an annual depreciation rate of 1.59 percent.

Historical retirements from the property group have totaled only \$100, therefore no meaningful analysis could be performed. A review of industry data indicates average service lives for land rights in the range of 25-60 years. Based upon the general content of the account, an average service life characteristic of an Iowa 50-R2.5 life and curve is recommended. The resulting average remaining life is 7.8 years.

Net salvage have been received in prior years and none is anticipated in the future, accordingly, future net salvage is estimated at zero (0) percent. The resulting annual depreciation rate for this property group is 0.0 percent.

Account 331 - Structures and Improvements

The investment in this account totals only \$497,427, has achieved a current average age of 45.5 years, and is being depreciated using an annual depreciation rate of 1.71 percent.

Interim retirements totaling \$34,480 have occurred, at an average age of 42.1 years in conjunction with various replacements and/or improvements over the history of the account. These retirements have been analyzed via the Retirement Rate Method to develop an applicable interim retirement rate for the property group. Based upon a review and analysis of the Company's data and consideration of the replacement of various property components, an Iowa 140-L1 life and curve is estimated as the applicable interim

retirement rate to identify retirements anticipated to occur prior to the final retirement of each of the facilities. The application of the Life Span Method and applicable probable retirement years, provided by the Company's engineering staff, to each location's surviving investment along with the estimated interim retirement rate and produces an implicit average service life of 49.5 years and an average remaining life of 16.9 years.

An analysis of the Company's historical salvage data for the period 1988-2002 identifies that in conjunction with the interim retirements that have occurred in the past, the Company has experienced only minimal levels of negative net salvage. Notwithstanding the experienced interim net salvage, negative net salvage is anticipated to occur in conjunction with future interim retirements. Accordingly, future net salvage applicable to the estimated level of future interim retirements is estimated at negative twenty (20) percent of anticipate future retirements (negative 2.8 percent of total retirements). In addition, future terminal net salvage of negative 11.7 percent is estimated for this property group. Based upon the applicable estimates total future net salvage is estimated at negative 14.5 percent and the resulting recommended annual depreciation rate for this account is 2.04 percent.

Account 332 - Reservoirs, Dams, and Waterways

The investment in this account totals \$8,142,176 and is related to the impoundments and other applicable costs for the water source to power the hydro facilities. The current plant investment has attained a current average age of 47.4 years and is being depreciated utilizing an annual depreciation rate of 1.62 percent.

Retirements totaling \$69,467 have occurred over the history of the property category. The data was analyzed via the Retirement Rate Method during the overall, as well as various other bands to identify the level of interim retirements anticipated to occur prior to the final retirement of the facilities. Based upon the study data and the expectation of various future interim retirements, an Iowa 150-L1.5 life and curve is estimated as the interim retirement rate.

The Company's investment at each facility was life spanned to an estimated probable retirement years (based upon Company engineering estimates) together with the estimated lowa 150-L1.5 interim retirement rate. The application of the estimated service life parameters to the Company's current surviving investment produced an implicit average service life of 53.0 years and an average remaining life of 17.9 years.

The Company's historical net salvage data was analyzed during the period 1988-2002 which indicated only minimal interim net salvage. Accordingly, future interim net salvage is estimated at zero (0) percent. Conversely, terminal net salvage is estimated at negative 0.2 percent based upon decommissioning cost study estimates. Based upon the available experience and future expectations of demolition or disposal costs, future net salvage is estimated at negative 0.2 percent. The resulting average remaining life depreciation rate is 1.53 percent.

Account 333 - Water Wheels, Turbines, and Generators

The investment in this account totals \$532,629, has attained a current average age of 55.6 years, and is presently being depreciated using an annual depreciation rate of 1.78 percent. This available historical data during the period 1952-2002 was analyzed via the Retirement Rate Method to identify an applicable interim retirement rate for this property. Based upon the general experience and the expectation that the Company will continue to experience ongoing property changes, an Iowa 150-L1.5 life and curve is estimated as the applicable service life parameters to represent the interim retirement rate anticipated to occur prior to final retirement of each of the facilities.

Each of the production facilities vintage surviving investments were life spanned to their probable retirement date, together with the recommended interim retirement rate. The result of this depreciation application is an implicit average service life of 62.0 years and an average remaining life of 14.5 years.

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An analysis of the Company's historical net salvage data during the period 1988-2002 relative to interim retirements totaling approximately \$5,492 identified only minimal net salvage, accordingly, future interim retirements are estimated at zero (0) percent. Conversely, based upon decommission study cost data input, future terminal net salvage is estimated at 22.5 percent. Based upon the experience and expectation that the Company will incur cost of removal to remove and/or dispose of property at the end of its useful life, total future net salvage is estimated at negative 22.5 percent. The resulting recommended average remaining life depreciation rate is 0.0 percent.

Account 334 - Accessory Electric Equipment

The investment in this account totals only \$349,869 and is currently depreciated using an annual depreciation rate of 2.25 percent. The current average age of the property is 27.8 years. The investment in this account is limited and the Company has experienced retirements totaling only \$70,636. Based upon the analysis of the data and the interim retirement rates used, a lowa 55-L1 interim retirement rate is being utilized for this property group. Application of the recommended service life parameters and probable retirement date to the current investment produces an average service life of 23.6 years and an average remaining life of 3.1 years.

A review of the historical interim salvage data during the years 1988-2002 identifies that the retirements of property have produced no interim net salvage. Future interim net salvage is, therefore estimated at zero (0) percent. Based upon an analysis of decommissioning study cost data terminal net salvage is estimated at negative eight (8) percent. Total future net salvage is estimated at negative eight (8) percent and the resulting annual depreciation rate is 5.74 percent.

Account 335 - Miscellaneous Power Plant Equipment

The investment in this account totals only \$163,126. The current average age of the property is 22.2 years and the current depreciation rate is 1.94 percent. Historical interim

retirements have totaled \$18,574 and occurred at an average age of 37.9 years. Based upon the an analysis of the available data an Iowa 55-R3 life and curve is estimated as the applicable interim retirement rate. The result of applying the current investment to the service life parameters and probable retirement years using the Life Span Method is an implicit average service life of 24.5 years and an average remaining life of 8.7 years.

Interim future net salvage is estimated at zero (0) percent while future net salvage is estimated at negative 2.3 percent to recognize that the Company is anticipated to incur cost of removal in conjunction with the retirement of the property at the end of its life. The resulting annual depreciation rate is 4.13 percent.

Account 336 - Roads, Railroads & Bridges

The surviving investment in this account totals only \$48,146, has achieved a current average age of 61.5 years, and is being depreciated using an annual depreciation rate of 1.61 percent.

No historical retirements have occurred to date, however, some may occur in future years. Interim retirement rate service life characteristic of an Iowa 80-R5 life and curve is currently estimated. The implicit life is 75.9 years and the resulting average remaining life is 15.6 years.

No net salvage have been received in prior years and none is anticipated in the future, accordingly, future net salvage is estimated at zero (0) percent. The resulting annual depreciation rate for this property group is 0.80 percent

Account 340.10 - Land Rights

The surviving investment in this account totals \$176,409, has achieved a current average age of 6.5 years, and is being depreciated using an annual depreciation rate of 3.39 percent.

Historical retirements from the property group have totaled \$30,272 and when analyzed via the Retirement Rate Method, identifies that this property has been achieving

a service life in the range of less than fifteen (15) years. However, based upon the general content of the account, and range of years used within the industry for land rights, an average service life characteristic of an Iowa 50-R2.5 life and curve is recommended. The resulting average remaining life is 43.9 years.

Future net salvage is estimated at zero (0) percent and the resulting annual depreciation rate for this property group is 1.64 percent

Account 341 - Structures and Improvements

The current investment in this account totals \$21,174,957 has attained a current average age of 4.2 years and is presently being depreciated using an annual depreciation rate of 3.37 percent. The available historical retirements totaling \$855,181 were analyzed via the Retirement Rate Method which produced an interim retirement rate indication of an lowa 45-R0.5 life and curve. Application of the recommended service life characteristics to the Company's current investment produced an implicit average life of 25.1 years and an average remaining life of 21.8 years.

An analysis of the Company's net salvage data during the period 1988-2002 identifies that positive salvage has occurred in conjunction with past retirements, however, that salvage is related to joint owner transactional activity with its affiliated Company. While the retirement produced only minimal cost of removal in conjunction with the limited past retirements, it is anticipated that upon full retirement of the facilities, the Company will incur cost in conjunction with retirement and/or dismantling of the facilities. Accordingly, future interim net salvage is estimated at negative fifteen (15) percent of the future interim retirement that occurs (negative 3.9 percent of total plant). In addition, future terminal net salvage is estimated at negative 5.4 percent. Overall future net salvage is estimated at negative 9.3 percent and the resulting annual depreciation rate is 4.35 percent.

Account 342 - Fuel Holders, Products and Accessories

The Company's investment in this account currently totals \$18,325,891 has achieved

a current average age of 4.39 years, and is currently depreciated using an annual depreciation rate of 3.37 percent. This class of property is principally related to fuel storage equipment and other related facilities.

A life analysis was completed using the available interim historical data together with the Retirement Rate Method for the overall, as well as various interim periods which produces an interim retirement rate of an Iowa 55-R1 life and curve. Given that retirements have occurred only in more recent years, service life indication results are limited to these periods. Application of the service life parameters to the current surviving investment produces an implicit average life of 26.5 years and an average remaining life of 22.6 years.

An analysis of the Company's historical retirements and related net salvage data for the years 1988-2002 identifies that the Company has experienced net salvage, however, principal activity to date was related to the joint ownership transactional activity with its affiliated Company. Also, interim net salvage is estimated at negative fifteen (15) percent of the interim retirements that occur (negative 3.2 percent of total plant). Given the level of environmental regulations surrounding fuel storage facilities, it is anticipated that the Company will experience far greater cost of removal which is estimated at negative 16.4 percent when the property is retired from service in future years. Accordingly, total future net salvage is estimated at negative 19.6 percent net salvage. Utilizing the estimated service life and salvage factors together with the current account investment produces an annual depreciation rate of 4.51 percent.

Account 343 - Prime Movers

The investment in this account totals \$251,279,024, has achieved an average age of 3.5 years, and is currently depreciated using an annual depreciation rate of 3.42 percent.

Based upon the analysis of the interim retirement data using the Retirement Rate Method, an Iowa 40-R0.5 interim retirement life and curve is estimated for the property

group. Application of the recommended service life parameters to the current investment produces an implicit average life of 24.9 years and an average remaining life of 22.2 years.

A review of the Company's historical retirement and salvage data identifies that the Company has experienced positive salvage in conjunction with past retirements, however, that activity is related to jointed ownership transactional activity with its affiliated Company. Future interim net salvage is estimated at zero (0) percent while terminal net salvage is estimated at negative 1.7 percent. Based upon the expectation that the Company will need to expend funds in conjunction with property retirements, to future net salvage is estimated at negative 1.7 percent. The resulting recommended annual depreciation rate is 4.07 percent.

Account 344 - Generators

The investment in this account totals \$47,479,932, has attained a current average age of 6.6 years, and is currently being depreciated using an annual depreciation rate of 3.15 percent.

The interim retirements which were analyzed via the Retirement Rate Method produced an interim retirement rate indication of an Iowa 42-R5 life and curve and when applied to the current surviving investment results in implicit average service life of 30.1 years and an average remaining life of 24.0 years. An analysis of the Company's historical salvage data for the years 1988-2002 identifies that positive net salvage has occurred, however, that activity is principally related to joint ownership transactional activity with an affiliated Company. While there has been no interim net salvage to date, a minor level of future interim retirements can be anticipate, accordingly, future interim retirement net salvage is calculated at negative five (5) percent (negative 0.2 percent on total plant).

Furthermore, it is anticipated that a level of future terminal negative salvage will occur in conjunction with retirements and demolition of the facilities. Thus, future terminal net salvage is estimated at negative 9.6 percent net salvage resulting total future net salvage of negative 9.8 percent which when utilized together with the estimated useful service life and current property investment produces an average remaining life depreciation rate of 3.57 percent.

Account 345 - Accessory Electric Equipment

The investment for accessory electric equipment totals \$19,116,796. The surviving investment has achieved an average age of 5.1 years and is currently being depreciated using an annual depreciation rate of 3.32 percent. The original additions were placed into service during 1966 and various intermittent subsequent years to present. Interim retirements from the property group were analyzed via the Retirement Rate Method and is the basis of the Iowa 45-R5 interim retirement rate. Application of the property service life parameters produces an implicit average life of 30.3 years and an average remaining life of 25.5 years.

An analysis of the Company's historical salvage data was completed for the period 1988-2002. The historical net salvage that has occurred is principally related to joint ownership transactional activity with an affiliated Company. Future interim net salvage is estimated at zero (0) percent while future terminal net salvage is estimated at negative 2.8 percent. Therefore, total future net salvage is estimated at negative 2.8 percent and the resulting annual depreciation rate is 3.36 percent.

Account 346 - Miscellaneous Power Plant Equipment

The current investment in the account totals only \$4,681,001 and is currently being depreciated using an annual depreciation rate of 3.41 percent. The current average age of the property investment is 3.6 years.

Based upon the analysis of the historical interim retirement data using the Retirement Rate Method, an Iowa 30-R1 interim retirement life and curve is for the property group. Application of the recommended service life parameters to the current investment produces an implicit average service life of 24.2 years and an average remaining life of 21.4 years. '

Total future net salvage is estimated at negative 1.3 percent and the resulting annual depreciation rate is 4.18 percent.

Account 350.1 - Transmission Land Rights

The Company's current investment in Transmission Land Rights totals \$22,991,433 and is currently being depreciated using an annual depreciation rate of 1.34 percent. The proposed depreciation rate was developed utilizing an Iowa 50-R2.5 life and curve which is consistent with the current life recommended for the Company's other Land Rights property groups. Application of the estimated service life parameters to the current vintage investment produces an average remaining life of 22.9 years and a proposed depreciation rate of 1.91 percent.

Account 352.10 - Structures and Improvements Non-System Control Com.

The Company's investment in this account totals \$6,426,547, has achieved a current average age of 19.0 years, and is presently being depreciated utilizing an annual depreciation rate of 2.65 percent. The Company's investments are generally related to facilities located at each of the transmission sub-stations throughout the Company's operating territory. While the original gross additions were placed in service continuously throughout the history of the Company's operations, a large portion of the surviving assets have been placed into service during the past several decades.

Overall retirements relative to Account 352.00 and 352.10 which totaled approximately \$100,000 were analyzed via the Retirement Rate Method. It is noted that retirements have generally occurred throughout the overall range of years, however, during the most recent four (4) year period, little activity has occurred. While a moderate level of retirements occurred, there was an insufficient level of activity to produce a meaningful service life indication. Based upon the content of the account and general industry data an lowa 45-R3 life and curve is estimated for the property group. Application of the service

life parameters to the current surviving investment produces an average remaining life of 28.0 years.

An analysis of the Company's historical retirements and related net salvage data has been completed for the years 1964-2002 and identifies that generally throughout the recent history of this account, the Company has experienced net negative salvage averaging negative one-hundred forty-seven (147) percent. While these very high levels of historical negative salvage has occurred to date, this level is not anticipated for the total plant in service. Giving consideration to the overall historical experience and expectation that cost of removal will continue to occur in future years, future net salvage is estimated at negative twenty-five (25) percent and when combined together with the 28.0 year average remaining life the property group produces a recommended annual depreciation rate of 2.61 percent. Account 352.20 - Structure & Improvements - System Control/Com.

The surviving investment in this account totals \$1,166,434, has achieved a current average age of 24.1 years, and is being depreciated using an annual depreciation rate of 2.65 percent.

Historical retirements from the property group have totaled \$18,402 and when analyzed via the Retirement Rate Method, identifies that this property has been achieving a service life of approximately forty (40) years. Based upon the Company's experience and general content of the account, an average service life characteristic of an Iowa 40-R3 life and curve is recommended. The resulting average remaining life is 19.1 years.

Based upon the salvage experience of the overall Account 352, future net salvage is estimated at negative twenty-five (25) percent. The resulting annual depreciation rate for this property group is 3.43 percent

Account 353.10 - Station Equipment - Non System Control/Com.

The Company's investment in station equipment totals \$146,527,337, has achieved a current average age of 18.5 years, and is presently being depreciated utilizing an annual

depreciation rate of 2.21 percent. The investment in this account has grown continuously over the years, however, the growth has moderated somewhat during the past decade.

Retirements totaling \$10,566,887, which occurred during the history of the account at an average age of 19.4 years were analyzed via the Retirement Rate Method and produced a service life indication in the range of fifty-five (55) plus years, while the current underlying service life is fifty (50) years and industry average service life data is routinely less than forty (40) years. Conversely, an analysis of the historical data through 1997 produced a life indication of approximately fifty (50) years. The aggregate level of retirements to date, is relatively modest in comparison to the overall plant investment. It is anticipated that increased future activity will serve to reduce the achieved average service life to a more typical level. Accordingly, giving consideration to both the historical Company data, industry data, and anticipated factors along with the experience of other property categories, an Iowa 50-R2.5 life and curve is currently estimated for this property group. Application of the recommended service life parameters to the Company's current investment produces an average remaining life 34.0 years.

Retirements of \$7,772,095, which occurred during the period 1964-2002, were analyzed in conjunction with related net salvage experience to identify the level of anticipated future net salvage for this property group. While the yearly level of net salvage has varied considerably over the past decade, the overall average has been thirty-nine (39) percent, however, salvage levels has turned negative during recent years and the trend analysis has indicated negative forty-five (45) percent net salvage. Likewise, industry experience has indicated levels of negative salvage. Consideration was given to both the impact of past reuse salvage as well as the anticipated higher levels of cost of removal in future years. Accordingly, future net salvage relative to this property group is estimated at negative fifteen (15) percent and when combined with the 34.0 year average remaining life produces an annual depreciation rate of 2.27 percent.

Account 353.20 - Station Equipment - System Control/Com. (Microwave)

The surviving investment in this account totals \$14,284,914, has achieved a current average age of 11.6 years, and is being depreciated using an annual depreciation rate of 6.18 percent.

The analysis of the available historical retirements from the property group via the Retirement Rate Method produces a general life indication which is not representative or consistent with the more typically life experienced by the technologically impacted property (Microwave) contained within the account. Giving consideration to the general content of the account (Microwave) as well as the currently used average service life, an average service life characteristic of an Iowa 15-R3 life and curve is recommended. The resulting average remaining life is 7.1 years.

Future net salvage is estimated at negative ten (10) percent and the resulting annual depreciation rate for this property group is 7.57 percent

Account 354 - Towers and Fixtures

The investment in this account totals \$60,533,459 and is related to the facilities utilized to carry the higher voltage transmission lines. The investment has currently achieved an average age of 22.6 years and is being depreciated utilizing a current annual depreciation rate of 2.84 percent. A sizeable portion of the current investment in this account was installed during the late 1970's and early 80's when the Company was expanding its transmission facilities. Most recently, during the period 1988 through 2002, reduced levels of additions, and limited retirements have occurred in this property group. The decline in activity is being driven by the recent slow down in plant growth and resulting construction declines.

Retirements totaling \$822,534 have occurred intermittently and at an average age of 24.2 years. Due to the characteristics of this property class higher levels of retirements are not anticipated to occur until later in the life of the property group. Accordingly, meaningful

service life indication could not be obtained from an analysis of the available historical data. As the property continues to age, additional changes and/or upgrades will be required. Based upon the content of the account the currently utilized service life and general industry data, an Iowa 55-R4 life and curve is currently estimated for this property and when applied to the Company's current surviving investment produces an average remaining life of 33.2 years.

An analysis of the Company's historical salvage data identifies that somewhat limited historical data occurred during the period 1964-2002, the experienced net salvage has been continuously negative and routinely increasing during more recent years. While overall net salvage has averaged negative forty-five (45) percent the future negative salvage trends to negative 258 percent. Accordingly, based upon the experience of this and other property accounts, future net salvage is estimated at negative sixty (60) percent. Utilization of the recommended service life parameters, the resulting average remaining life, and future net salvage estimates of negative sixty (60) percent produces an annual depreciation rate of 2.87 percent.

Account 355 - Poles and Fixtures

The current investment in this account totals \$74,915,940, has achieved a current average age of 17.7 years, and is being depreciated utilizing an annual depreciation rate of 4.03 percent. With limited exceptions, this account has experienced continued growth and level of additions throughout the history of the account. The property contained in this asset group is generally utilized for the Company's lower voltage transmission lines.

Retirements totaling \$9,629,580, which occurred during the period, were analyzed via the Retirement Rate Method. Giving consideration to the overall, as well as the more recent experience, and consideration of the mortality dispersion typically anticipated for this class of property, an Iowa 43-R2.5 life and curve is recommended for this property group. Application of the recommended service life parameters to the Company's current surviving

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investment produces an average remaining life of 28.0 years.

Retirements totaling approximately \$6,162,481 during the period 1964-2002 were analyzed together with the net salvage to identify the Company's past experience. This analysis identifies that over the past several decades, the Company has routinely experienced higher levels of net salvage in conjunction with property retirements. The three (3) year rolling band averages have ranged from zero (0) percent to negative 146 percent and have averaged negative sixty (60) percent. Individual years have experienced net salvage upwards to more than negative 300 percent. Based upon the general trend of the Company's experience, future net salvage is estimated at negative sixty (60) percent and when combined with the recommended service life parameters produces an average remaining life depreciation rate of 3.72 percent.

Account 356 - Overhead Conductors and Devices

The current surviving investment in this account totals \$122,030,094. The current depreciation rate for the property account is 3.25 percent, while the current average age of the surviving property group is 22.5 years. Growth has moderated somewhat, nevertheless, ongoing additions have been added to this property group.

Retirements totaling \$8,847,322, which have occurred from the property group, were analyzed via the Retirement Rate Method for the overall, as well as various interim bands. There has been somewhat of a temporary moderation of the replacement of assets, within this property group which resulted in a reduction in the overall average service life indication in most recent analysis band. By comparison, early retirement band analysis produced service life indications more consistent with the industry lives for this property class. Giving consideration to the Company's earlier experience, general industry data, and the expectation of a return to increasing levels of replacement activity in coming years, an lowa 50-R3 life and curve is currently estimated for this property group and when applied to the current surviving investment produces an average remaining life of 29.9
years.

A review of the Company's net salvage data for the period 1964-2002 identifies that the Company has experienced declining levels of gross salvage and increasing levels of costs of removal. While the Company's net salvage experience has averaged positive thirty (30) percent overall during more recent years the amounts have turned significantly negative. Likewise, the prepared future net salvage trend analysis produced negative 188 percent net salvage. Based upon the recognition of past experience and the trend to higher negative net salvage, future net salvage is estimated at negative seventy-five (75) percent. Utilization of the estimated net salvage factor together with the projected average remaining life produces an annual depreciation rate of 3.46 percent.

Account 357 - Underground Conduit

The investment in this account totals only \$435,927, has achieved a current average age of 11.6 years, and is being depreciated utilizing an annual depreciation rate of 2.01 percent. Only limited quantities of additions have occurred at intermittent periods; likewise, while retirements have occurred from this property group, they have also occurred on a limited basis.

Insufficient data was available to produce a meaningful serve life indication. A review of industry data indicates that this property class is routinely depreciated based upon an average service life of less than (50) years. Giving consideration to the available Company data, as well as industry information, an Iowa 50-R3 life and curve is recommended for this property group and when applied to current surviving investment produces an average remaining life of 39.2 years.

The Company has not experienced net salvage in conjunction with past retirements from this account. Much of the underground conduit will likely be abandoned in place, therefore, future net salvage is estimated at zero (0) percent. The resulting annual depreciation rate for this property group is 2.04 percent.

Account 358 - Underground Conductors and Devices

The current investment in this account totals \$1,114,762 has achieved a current average age of 17.3 years, and is depreciated utilizing an annual depreciation rate of 3.52 percent. While the investment in this account spans quite a number of years, the additions have occurred at intermittent years and at various levels during the past four (4) decades. Likewise, the level of retirements, while totaling approximately \$60,000 have occurred in only a few years.

Retirements totaling \$60,024, which occurred from the property account, were analyzed via the Retirement Rate Method which produced only limited life indications. Due to the sporadic nature of the retirement occurrences, there were wide fluctuations in the life indications produce by the various study bands. Giving consideration to the overall life analysis, the overall analysis produced a general indication of an approximate content of the account, currently utilized life, and industry data. More recent analysis for the past fifteen (15) year band, an lowa 30-R3 life and curve is recommended for this property group and when applied to current surviving investment produces an average remaining life of 15.4 years.

An analysis was completed of the Company's available retirement and related net salvage experience. While no historical net salvage has been experienced, a moderate level of future negative net salvage is anticipated. Based upon the limited size of the property in the account, net salvage is estimated at negative twenty (20) percent and the resulting recommended annual depreciation rate is 4.24 percent.

Account 360.10 - Land Rights

The current investment in this account totals \$1,423,182 and is presently depreciated using an annual depreciation rate of 1.14 percent. The proposed depreciation rate was developed using a fifty (50) year average service life which is consistent to the life currently recommended for the Company's other Land Rights property groups. Application of the

estimated Iowa 50-R2.5 life and curve to the current vintage investment produces an average remaining life of 21.9 years and a recommended annual depreciation rate of 1.61 percent.

Account 361 - Structures and Improvements

The current surviving investment for distribution structures and improvements totals \$3,798,329, has achieved a current average age of 15.8 years, and is being depreciated utilizing an annual depreciation rate of 1.89 percent. The investment growth in this account has been continuous over the life of the account. Likewise, while retirements have generally occurred over the property's life, the level of retirements have varied from year to year.

Retirements totaling approximately \$291,289, which occurred over the life of the account, were analyzed via the Retirement Rate Method, which produced a life indication of an Iowa 50-R2.5 life and curve. Also consideration was given to the useful service lives utilized for other structures and improvement accounts. The general content of this property group, plus experience of others in the industry, an Iowa 50-R2.5 life and curve is estimated for the asset investment. Application of the estimated service life parameters to the current surviving investment produces an average remaining life of 36.4 years.

An analysis was completed of the Company's salvage historical experience for the years 1964-2002. Average net salvage experience during the period was negative five(5) percent net salvage and the future net salvage trends to in excess of negative forty (40) percent. Accordingly, future net salvage is estimated at negative fifteen (15) percent and when utilized together with the applicable service lives produces an average remaining life depreciation rate of 2.12 percent.

Account 362 - Station Equipment

The Company's current investment in this account totals \$92,514,069, has achieved a current average age of 16.1 years, and is presently depreciated utilizing an annual

depreciation rate of 2.24 percent. This account contains the Company's investment relative to station transformers utilized to regulate voltages between higher and lower voltage lines.

Retirements totaling \$12,513,005 which occurred during the period 1962-2002 at an average age of approximately 22.4 years were analyzed via the Retirement Rate Method. The resulting recommendation, giving consideration to the overall various interim bands and recent experience, is an estimated useful life characteristic of an Iowa 50-R1.5 life and curve. Application of the recommended service life parameters to the Company's current investment produces an average remaining life of 37.9 years.

A review of the Company's historical salvage data for the years 1964-2002 identifies that the level of the Company's experienced net salvage has moved from postive to negative during recent years. The level of cost of removal has routinely continued to increase while the level of salvage has declined during more recent years. While Company net salvage has averaged positive thirty-five (35) percent, the trend analysis of future net salvage is in excess of negative eighteen (18) percent. Based upon the anticipation of increased future cost of removal and little or no net salvage at the end of the property groups life, future net salvage is estimated at negative ten (10) percent and the resulting annual depreciation rate is 2.08 percent.

Account 364 - Poles, Towers, and Fixtures

The current investment in this account totals \$167,558,547, has achieved a current average age of 14.4 years, and is currently being depreciated utilizing an annual depreciation rate of 3.52 percent.

Over the history of the account, retirements have totaled approximately \$29,686,586 with the property group having generally experienced higher levels of retirements during the past decade. The account's historical data was analyzed utilizing the Retirement Rate Method for the overall and various interim periods, which produced service life indications

in the range of forty (40) years. Based upon the analysis a useful life characteristic representative of an Iowa 40-S0 life and curve is estimated for this property. Application of the estimated service life parameters to the surviving investment produces an average remaining life of 29.9 years.

Retirements totaling nearly \$24.4 million, which occurred during the period 1964-2002, were studied together with the Company's experienced historical net salvage for retirement of poles. This analysis identifies that the level of negative net salvage has varied over time with positive salvage being experienced for a period of years during the early 1990's with more recent experience returning to significantly higher levels of negative salvage. Likewise, negative salvage is routinely experienced through the industry for this class of property trend analysis of future net salvage is estimated in excess of negative eighty (80) percent. Similarly, gross salvage levels that were significantly higher during the early 1990's have more recently returned to more typical and anticipated future levels. Based upon this recent experience, trend analysis and future expectations, future net salvage is estimated at negative fifty-five (55) percent and when utilized together with the Company's investment and recommended average service life characteristics produces an annual depreciation rate of 3.64 percent.

Account 365 - Overhead Conductors and Devices

This account's current investment totals \$160,511,632 and includes the various conductors and appurtenant equipment utilized to distribute power throughout the Company's distribution system. The current annual depreciation rate is 3.02 percent for the property which has achieved a current average age of 16.1 years. These facilities generally operate within the distribution voltages. Gross additions to this property group have routinely been ranging between four (4) and eight (8) percent per year.

The vintaged retirements totaling approximately \$20.8 million, which occurred at an average age of 18.8 years were analyzed via the Retirement Rate Method. Based upon

the historical data analysis, general industry data, and future expectations, an Iowa 41-R2 life and curve is estimated for this property group. Applying the recommended service parameters to the Company's current surviving investment produces an average remaining life of 28.2 years.

The Company's salvage data was analyzed for the period 1964-2002, which included retirements totaling approximately \$16.1 million together with the related net salvage for each of the years. During the study period, the Company has routinely experienced net negative salvage with intervening periods of positive net salvage, while the overall historical experience has average negative one (1) percent future net salvage is trending to more than negative one hundred (100) percent net salvage. During the early 1990's gross salvage levels were elevated and have in recent years returned to more typical levels. Likewise, the level of cost of removal have been increasing and is anticipated to increase to even higher levels in future years. Based upon the Company's experience and future expectations, future net salvage is estimated at negative forty-five (45) percent and when combined with the estimated useful service life and property investment produces an annual depreciation rate of 3.24 percent.

Account 366 - Underground Conduit

The current investment in this account totals \$1,551,967. The property group investment has achieved a current average age of 23.1 years and is currently being depreciated utilizing an annual depreciation rate of 1.75 percent. The investments in this account category have varied widely and have occurred at intermittent years. Due to the variations of investment within this property group, the development of useful service life indications were somewhat limited. Based upon the general content of the account and typical lives utilized for this property, an Iowa 50-R3 life and curve is recommended. Application of the proposed service life parameters to the Company's current investment produces an average remaining life of 28.8 years.

A review of the available retirements from this account together with the experienced net salvage during the period 1964-2002 identifies that the Company has experienced modest levels of negative salvage relative to modest past retirements. Trend analysis of future net salvage indicates higher levels in future years. Accordingly, future net salvage is estimated at negative ten (10) percent and the resulting average remaining life depreciation rate is 2.05 percent.

Account 367 - Underground Conductors and Devices

The current investment in this account totals \$49,804,065, is currently depreciated utilizing an annual depreciation rate of 3.29 percent, and has achieved a current average age of 6.6 years. While this property investment spans back numerous years, the majority of the surviving investment in this account has been placed in service during the past fifteen (15) plus years.

Retirements have totaled approximately \$2,504,380 during the period in which this property has been in service. An analysis of the retirements via the Retirement Rate Method utilizing the Company's data produces service life indications of approximately thirty (30) years. Various operating companies have routinely experienced increasing failures and replacements of this category of property. Based upon the Company's experience and future expectations and an Iowa 30-R3 life and curve is recommended for the property group. Applying the estimated service life characteristics to the Company's current investment produces an average remaining life of 23.9 years.

The Company's net salvage experience was analyzed for the period 1964-2002 utilizing the retirements totaling approximately \$2,454,136 along with related net salvage experience. This analysis identifies that the account has historical experienced positive net salvage, however, more recently the salvage level has turned negative. Trend analysis of future net salvage is negative nine (9) percent, high levels of past gross salvage are declining and cost of removal is increasing. Based upon the Company's historical

experience, future net salvage is estimated at negative five (5) percent and when combined together with the estimated service life parameters produces an annual depreciation rate of 3.41 percent.

Account 368 - Line Transformers

The investment in this account totals \$209,705,231. The current depreciation rate is 2.41 percent and the current average age of the property is 14.4 years. The Company's growth within this property account is generally reflective of the Company's overall customer growth. High growth rates occurred in the 1950's through 1970's followed by a level of some moderation in more recent periods.

Nevertheless, the Company's level of retirements while somewhat variable has continued to increase overtime along with continual upgrades of its property within this group. Vintaged retirements totaling \$29,969,205 million which occurred at an average age of 20.4 years were analyzed via the Retirement Rate Method. This analysis identifies that the property has experienced a life of approximately forty-two (42) years. It is anticipated that the recent experience will continue into the future, accordingly, an Iowa 42-S0.5 life and curve is recommended. Applying the proposed service life parameters to the current surviving investment produces an average remaining life of 30.8 years.

Average net salvage relative to transformers was analyzed during the period 1964-2002 and identifies that the Company had routinely experienced negative net salvage in conjunction with the retirement of this equipment category. Average net salvage ranged annually from positive nineteen (19) percent to negative fifty-two (52) percent and averaged in excess of negative four (4) percent. Trend analysis of future net salvage exceeds negative thirty-five (35) percent net salvage. Based upon the Company's experience, and future trend analysis, future net salvage is estimated at negative ten (10) percent and when utilized together with the estimated service life parameters for this property group produces an annual remaining life depreciation rate of 2.46 percent.

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Account 369 - Services

The current investment for Services totals \$81,680,931. The current property has achieved an average age of 13.2 years and is presently being depreciated based upon a composite annual depreciation rate of 3.75 percent. The additions to the services account have grown at a high rate with annual gross additions averaging more than eleven (11) percent per year.

Retirements from this property account during the period have totaled \$11,612,372, have experienced variations over time with some intermittent yearly decreases. In addition, detailed vintage data were analyzed via the Retirement Rate Method. Based upon the results of the overall historical analysis, an Iowa 30-R3 life and curve is estimated for the property group. Application of the estimated service life parameters to the Company's current surviving investment produces an average remaining life of 18.9 years.

Retirements totaling \$8,813,041 were analyzed during the period 1964-2002 along with related net salvage experience and identified that the Company has, with one exception (2002), routinely experienced negative net salvage in conjunction with Service retirements. The overall net salvage analysis has averaged negative thirty-two (32) percent while future trend analysis of net salvage is in excess of negative seventy-eight (78) percent. Accordingly, based upon the Company's experience and expectations, future net salvage is estimated at negative forty (40) percent. Utilizing the applicable average remaining lives together with the estimated future net salvage of negative forty (40) percent produces an annual depreciation rate of 4.16 percent.

Account 370 - Meters

The current investment in this account totals \$61,133,035 and is related to the Company's current meters in service which have achieved a current average age of 17.4 years. The current annual depreciation rate is 2.79 percent. During many years, gross additions, as a percent of plant in service, have aggregated approximately four (4) to eight

(8) percent per year.

Likewise, the level of retirements have continuously increased over the history of the property account. Retirements totaling approximately \$15.0 million were analyzed via the Retirement Rate Method which is the basis of the estimated useful life characteristic of an Iowa 44-R1 life and curve. Application of the service life parameters to the Company's current surviving investment produces an average remaining life of 32.2 years.

The Company's net salvage experience relative to retirements totaling \$11,223,333 was analyzed for the period 1964-2002 which identifies that the Company has received only limited net salvage in conjunction with past retirements aggregating approximately two (2) percent overall and zero (0) percent salvage during more recent years. Based upon the historical data, future net salvage is estimated at zero (0) percent and the resulting annual depreciation rate is 2.20 percent.

Account 371 - Installation on Customers' Premises

The current surviving investment in this property account totals \$18,270,303, has achieved a current average age of 9.2 years, and is presently being depreciated utilizing an annual depreciation rate of 6.27 percent.

Retirements from this property group have aggregated approximately \$9,864,973. This information, along with the Company's investments, were analyzed together via the Retirement Rate Method which produced a service life indication representative of an Iowa 16-R0.5 life and curve. Application of the service life parameters to the Company's surviving investment produces an average remaining life 10.7 years.

A review of the Company's net salvage experience during the period 1964-2002 identifies that the Company has routinely experienced negative net salvage in conjunction with past retirements. Retirements totaling approximately \$9,864,973 have generated overall net salvage of negative nine (9) percent. Giving consideration to that occurrence and consideration of recent experience, future net salvage is estimated at negative five (5)

percent resulting in an annual depreciation rate of 6.05 percent.

Account 373 - Street Lighting and Signal Systems

The current surviving investment in this property group is \$45,406,624, has achieved a current average age of 10.7 years, and is currently being depreciated utilizing an annual depreciation rate of 3.85 percent. Annual growth rates of additions have varied between five (5) and fifteen (15) percent.

Retirements totaling \$10,765,443 were analyzed via Retirement Rate Method which is the basis of the estimated Iowa 28-R1 life and curve for this property group. Given that the Company has no immediate plans to institute any significant changes to its street lighting equipment beyond the normal routine replacements, an Iowa 28-R1 reflective of recent experience is estimated for this property group. Application of the proposed service life parameters to the Company's current investment produces an average remaining life of 20.9 years.

An analysis of the Company's historical salvage data during the year 1964-2002 was completed and identifies that the retirement of this property has produced positive net salvage. While past retirements have experience high levels of gross salvage which has declined somewhat during several recent years. Positive net salvage is not anticipated to occur during future years. The current underlying net salvage estimate is negative ten (10) percent. A similar future net salvage is proposed. Based upon expectations and general industry data, future net salvage is estimated at negative ten (10) percent and the resulting proposed annual depreciation rate is 3.75 percent.

Account 390.10 Structures and Improvements To Owned Property

The Company's investment in structures and improvements totals \$28,987,368. This investment, which has achieved a current average age of 15.1 years and is currently being depreciated utilizing an annual depreciation rate of 1.76 percent, principally pertains to service center type facilities used by the Company's operations work force. Due to the

nature of the type contained in this account, the level of additions has varied from year to year. Nevertheless, the Company has generally experience continuous additions over the entire life of the account.

Retirements totaling \$6,010,726 have occurred from this property group during the past five (5) decades. The Company's addition and retirement data was analyzed for the overall period, as well as various interim experience bands which identified that the property group has achieved a useful service life of fifty (50) years. Application of the estimated Iowa 50-R1.5 life characteristics produces an average remaining life of 38.3 years.

An analysis of the Company's historical salvage experience during the years 1964-2002 was prepared and identified that during the overall period the Company has averaged approximately fifty (50) percent net salvage. The large positive salvage was attributable to essentially one (1) large retirement during 2001. Various other years experienced negative net salvage. Furthermore, at the end of life only limited gross salvage is anticipated, plus cost of removal will likely be incurred in rehabilitating and/or disposing of the structures. Likewise, industry data indicates modest negative net salvage for the property category. Accordingly, future net salvage for this property group is estimated at negative five (5) percent and the recommended annual depreciation rate is 1.74 percent. Account 390.20 - Improvements to Leased Property

The surviving investment in this account totals \$694,489, has achieved a current average age of 12.9 years, and is being depreciated using an annual depreciation rate of zero (0) percent.

Historical retirements from the property group have totaled only \$2,662. Based upon the general content of the account, an average service life characteristic of an lowa 20-R1 life and curve is recommended. The resulting average remaining life is 12.1 years.

No net salvage have been received in prior years and none is anticipated in the

future, accordingly, future net salvage is estimated at zero (0) percent. The resulting annual depreciation rate for this property group is 2.39 percent.

Account 391.1 - Office Equipment

The investment in this account totals \$6,168,472, has achieved a current average age of 4.9 years, and is currently being depreciated utilizing an annual depreciation rate of 5.82 percent.

The analysis of the actuarial retirements totaling \$4,409,989 produced a service life indication of an lowa 15-L1 life and curve. Based upon the analysis results, an lowa 15-L1 life and curve is currently recommended and when applied to the current surviving investment produces an average remaining life of 11.5 years.

An analysis of the Company's salvage experience during the period 1964-2002 identifies that the Company has experienced little or no positive salvage in conjunction with past retirements. Accordingly future net salvage is estimated at zero (0) percent and the resulting recommended annual depreciation rate is 5.61 percent

Account 391.3 - Cash Processing Equipment

The current investment in this account totals \$369,384. The additions to this property were installed during 1997 and the current average age is 5.5 years. No retirements have been experienced to date. An average service life of an Iowa 12-R4 life and curve is estimated for this property group. Application of the recommended service life parameters to the current surviving investment produces an average remaining life of 6.6 years.

Utilization of the estimated zero (0) percent based upon Company experience, plus the resulting average remaining life together with the Company's historical data produces a recommended annual depreciation rate of 4.88 percent.

Account 393 - Stores Equipment

The current surviving investment in this account totals \$571,858, has achieved a current average age of 13.4 years, and is presently depreciated utilizing an annual

depreciation of 2.87 percent. This property investment is principally related to investment in shelving and other storage materials located at the Company's storeroom.

Retirements have totaled approximately \$162,703 during the life of the account which when analyzed utilizing the Retirement Rate Method produces an average service life of approximately thirty (30) years. Application of the estimated Iowa 30-R3 life and curve to the current surviving investment produces an average remaining life of 17.9 years.

No salvage has been achieved in conjunction with past retirements of property from this account. Likewise, no future net salvage is anticipated for future retirement, therefore, zero (0) percent net salvage is estimated. The resulting recommended annual depreciation rate is 2.14 percent.

Account 394 - Tool, Shop, and Garage Equipment

The current surviving investment in this account totals \$3,700,721. The surviving assets currently have attained an average age of 9.3 years for which the current depreciation rate is 2.74 percent.

Retirements relative to this property category have totaled \$453,031 during the life of the account. This historical data was analyzed via the Retirement Rate Method for the overall historical period, as well as various other interim periods. Based upon the analysis results together with the general content of the account, an Iowa 30-R2.5 life and curve is recommended as the applicable service life characteristic. Application of the estimated lowa 30-R2.5 and curve to the Company's current surviving investment produces an average remaining life of 21.9 years.

A review of the Company's net salvage experience for the period 1964-2002 identifies that in conjunction with retirements totaling approximately \$365,090 the Company has experienced positive net salvage. While some levels of future cost of removal will continue, it is unlikely that the Company will experience similar levels of salvage for the retirement of the total remaining property in this account. Accordingly, future net salvage

is estimated at zero (0) percent and the recommended annual depreciation rate is 2.63 percent.

Account 395 - Laboratory Equipment

The Company's surviving investment in this account totals \$3,306,886, has achieved a current average age of 10.1 years, and is currently being depreciated using an annual depreciation rate of 3.16 percent.

Retirements from this property group have totaled \$562,335 over the history of the account. An analysis of the Company's investment data has been completed utilizing the Retirement Rate Method. Giving consideration to the range of lives indicated by the Company's historical data together with general industry data, an Iowa 27-L3 life and curve is estimated for this property. Application of the recommended service life characteristics to the current surviving investment produces an average remaining life of 17.5 years.

While some limited salvage has been experienced in conjunction with past retirements little or none is anticipated in future years, thus zero (0) percent future net salvage is estimated for the property. The resulting recommended annual depreciation rate is 2.64 percent.

Account 396 Power Operated Equipment

The surviving investment in this account totals \$200,677, has achieved a current average age of 8.9 years, and is being depreciated using an annual depreciation rate of 3.56 percent.

Historical retirements from the property group have totaled \$99,833 and when analyzed via the Retirement Rate Method, identifies that this property has been achieving a service life of eighteen (18) years. Based upon the Company's experience and general content of the account, an average service life characteristic of an Iowa 18-S5 life and curve is recommended. The resulting average remaining life is 9.2 years.

No net salvage have been received in prior years and none is anticipated in the

future, accordingly, future net salvage is estimated at fifteen (15) percent. The resulting annual depreciation rate for this property group is 2.39 percent.

Account 397.10 - Communication Equipment

The surviving investment in this account totals \$3,093,195, has achieved a current average age of 5.2 years, and is being depreciated using an annual depreciation rate of 3.55 percent.

Historical retirements from the property group have totaled \$944,749 and when analyzed together with the Company's gross additions and balances, via the Retirement Rate Method, identifies that this property has been achieving a service life of nineteen (19) years. Based upon the Company's experience and general content of the account, an average service life characteristic of an Iowa 19-S6 life and curve is recommended. The resulting average remaining life is 13.8 years.

Only limited quantities of net salvage have been received in prior years and none is anticipated in the future, accordingly, future net salvage is estimated at zero (0) percent. The resulting annual depreciation rate for this property group is 3.90 percent.

Account 397.20 Remote Control Communication Equipment

The surviving investment in this account totals \$3,889,911, has achieved a current average age of 4.3 years, and is being depreciated using an annual depreciation rate of 3.55 percent.

Historical retirements from the property group have totaled \$39,353 and when analyzed via the Retirement Rate Method, identifies that this property has been achieving a service life of twenty (20) years. Based upon the Company's experience and general content of the account, an average service life characteristic of an Iowa 20-L5 life and curve is recommended. The resulting average remaining life is 15.8 years.

No net salvage has been received in prior years and none is anticipated in the future, accordingly, future net salvage is estimated at zero (0) percent. The resulting annual

depreciation rate for this property group is 4.20 percent.

Account 397.30 Mobile Communication Equipment

The surviving investment in this account totals \$4,579,896, has achieved a current average age of 3.0 years, and is being depreciated using an annual depreciation rate of 3.55 percent.

Historical retirements from the property group have totaling \$259,536 were analyzed via the Retirement Rate Method. Based upon the Company's experience and general content of the account, an average service life characteristic of an Iowa 18-S5 life and curve is recommended. The resulting average remaining life is 15.1 years.

No net salvage has been received in prior years and none is anticipated in the future, accordingly, future net salvage is estimated at zero (0) percent. The resulting annual depreciation rate for this property group is 4.90 percent.

Account 398 - Miscellaneous Equipment

The current surviving investment in this account totals only \$457,349, has achieved a current average age of 8.6 years, and is being depreciated using an annual depreciation rate of 5.19 percent.

Based upon an analysis of the Company's historical data, an Iowa 19-L1.5 life and curve is estimated as the applicable service life characteristics. Application of the recommended service life parameters to the current surviving investment produces an average remaining life of 12.5 years.

Ten (10) percent future net salvage is estimated for the property investment and the resulting recommended annual depreciation rate is 3.28 percent.

Kentucky Utilities All Divisions **311.00 STRUCTURES & IMPROVEMENTS**

Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 311.00 STRUCTURES & IMPROVEMENTS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1926 TO 2002

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Beginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$151,073,608.44	\$3,194.00	0.00002	100.00
0.5 - 1.5	\$151,490,253.59	\$10,162.00	0.00007	100.00
1.5 - 2.5	\$153,194,423.23	\$7,337.00	0.00005	99,99
2.5 - 3.5	\$152,925,518.63	\$0.00	0.00000	99.99
3.5 - 4.5	\$155,394,285.86	\$35,975.00	0.00023	99.99
4.5 - 5.5	\$155,137,591.23	\$147,308.00	0.00095	99.96
5,5 - 6,5	\$154,385,291.25	\$140,859.00	0.00091	99.87
6.5 - 7.5	\$151,680,484.50	\$515.00	0.00000	99.78
7.5 - 8.5	\$151,008,447.61	\$137,297.00	0.00091	99.78
8.5 - 9.5	\$124,018,383.24	\$0.00	0.00000	99.69
9.5 - 10.5	\$123,971,814.59	\$3,406.00	0.00003	99.69
10.5 - 11.5	\$124,797,548.87	\$22,291.00	0.00018	99.68
11.5 - 12.5	\$123,985,817.24	\$0.00	0.00000	99.67
12.5 - 13.5	\$123,665,923.49	\$44,196.00	0.00036	99.67
13.5 - 14.5	\$120,386,228.98	\$16,755.00	0.00014	99.63
14.5 - 15.5	\$120,046,123.83	\$0.00	0.00000	99.62
15.5 - 16.5	\$114,287,138.88	\$7,739.00	0.00007	99.62
16.5 - 17.5	\$113,200,042.73	\$34,007.00	0.00030	99.61
17,5 - 18.5	\$112,574,926.48	\$13,934.00	0.00012	99.58
18.5 - 19.5	\$94,391,466.78	\$35,377.00	0.00037	99.57
19.5 - 20.5	\$94,349,685.99	\$85,367.00	0.00090	99.53
20.5 - 21.5	\$94,120,777.18	\$275,173.00	0.00292	99.44
21.5 - 22.5	\$58,894,562.99	\$13,115.00	0.00022	99.15
22.5 - 23.5	\$58,125,964.17	\$19,621.00	0.00034	99.13
23.5 - 24.5	\$58,033,054.90	\$0.00	0.0000	99.09
24.5 - 25.5	\$43,130,689.76	\$258,146.00	0.00599	99.09
25.5 - 26.5	\$39,618,498.04	\$83,992.00	0.00212	98.50
26.5 - 27.5	\$39,515,598.86	\$14,457.00	0.00037	98.29
27.5 - 28.5	\$38,790,775.83	\$2,500.00	0.0006	98.26
28.5 - 29.5	\$23,374,998.39	\$1,958.00	0.00008	98.25
29.5 - 30.5	\$23,347,359.46	\$2,353.00	0.00010	98.24
30.5 - 31.5	\$15,431,985.13	\$0.00	0.0000	98.23
31.5 - 32.5	\$15,423,580.44	\$95,034.00	0.00616	98.23
32.5 - 33.5	\$15,275,671.51	\$240.00	0.00002	97.63
33.5 - 34.5	\$15,243,142.11	\$4,514.00	0.00030	97.62
34.5 - 35.5	\$15,238,264.23	\$3,762.00	0.00025	97.60
35.5 - 36.5	\$15,227,196.88	\$0.00	0.00000	97.57

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Kentucky Utilities All Divisions 311.00 STRUCTURES & IMPROVEMENTS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1926 TO 2002

Age Interval	<i>\$ Surviving At Beginning of Age Interval</i>	<i>\$ Retired During The Age Interval</i>	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$15,215,662.65	\$15,161.00	0.00100	97.57
37.5 - 38.5	\$14,611,714.44	\$22,737.00	0.00156	97.47
38.5 - 39.5	\$14,570,373.56	\$18,450.00	0.00127	97.32
39.5 - 40.5	\$13,812,319.06	\$2,128.00	0.00015	97,20
40.5 - 41.5	\$13,810,191.06	\$29,789.00	0.00216	97.18
41.5 - 42.5	\$13,766,480.82	\$0.00	0.00000	96.97
42.5 - 43.5	\$13,730,807.70	\$0.00	0.00000	96.97
43.5 - 44.5	\$13,551,387.94	\$0.00	0.00000	96.97
44.5 - 45.5	\$11,132,559.05	\$0.00	0.00000	96,97
45.5 - 46.5	\$11,132,111.31	\$5,000.00	0.00045	96.97
46.5 - 47.5	\$11,052,123.08	\$0.00	0.00000	96,93
47.5 - 48.5	\$10,987,032.35	\$2,699.00	0.00025	96.93
48.5 - 49.5	\$7,293,808.78	\$0.00	0.00000	96.91
49.5 - 50.5	\$7,293,808.78	\$53,824.00	0.00738	96.91
50.5 - 51.5	\$7,239,984.78	\$765,466.00	0.10573	96.19
51,5 - 52.5	\$6,410,822.59	\$0.00	0.00000	86.02
52.5 - 53.5	\$3,544,460.00	\$0.00	0.00000	86.02
53.5 - 54.5	\$3,508,679.35	\$11,065.00	0.00315	86.02
54.5 - 55.5	\$1,069,360.00	\$0.00	0.00000	85.75
55.5 - 56.5	\$1,069,360.00	\$25,000.00	0.02338	85.75
56.5 - 57.5	\$1,044,360.00	\$0.00	0.00000	83.75
57.5 - 58.5	\$1,044,360.00	\$0.00	0.00000	83.75
58.5 - 59.5	\$1,044,360.00	\$0.00	0.00000	83.75
59.5 - 60.5	\$1,044,360.00	\$0.00	0.00000	83.75

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Kentucky Utilities All Divisions 311.00 STRUCTURES & IMPROVEMENTS

Observed Life Table

Age Interval	<i>§ Surviving At Beginning of Age Interval</i>	<i>\$ Retired</i> During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$15,215,662.65	\$15,161.00	0.00100	97.57
37.5 - 38.5	\$14,611,714.44	\$22,737.00	0.00156	97.47
38.5 - 39.5	\$14,570,373.56	\$18,450.00	0.00127	97.32
39.5 - 40.5	\$13,812,319.06	\$2,128.00	0.00015	97.20
40.5 - 41.5	\$13,810,191.06	\$29,789.00	0.00216	97.18
41.5 - 42.5	\$13,766,480.82	\$0.00	0.00000	96.97
42.5 - 43.5	\$13,730,807.70	\$0.00	0.00000	96.97
43.5 - 44.5	\$13,551,387.94	\$0.00	0.00000	96.97
44.5 - 45.5	\$11,132,559.05	\$0.00	0.00000	96.97
45.5 - 46.5	\$11,132,111,31	\$5,000.00	0.00045	96.97
46.5 - 47.5	\$11,052,123.08	\$0.00	0.00000	96.93
47.5 - 48.5	\$10,987,032.35	\$2,699.00	0.00025	96.93
48.5 - 49.5	\$7,293,808.78	\$0.00	0.00000	96.91
49.5 - 50.5	\$7,293,808.78	\$53,824.00	0.00738	96.91
50.5 - 51.5	\$7,239,984.78	\$765,466.00	0.10573	96.19
51.5 - 52.5	\$6,410,822.59	\$0.00	0.00000	86.02
52.5 - 53.5	\$3,544,460.00	\$0.00	0.00000	86.02
53.5 - 54.5	\$3,508,679.35	\$11,065.00	0.00315	86.02
54.5 - 55.5	\$1,069,360.00	\$0.00	0.00000	85.75
55.5 - 56.5	\$1,069,360.00	\$25,000.00	0.02338	85.75
56.5 - 57.5	\$1,044,360.00	\$0.00	0.00000	83.75
57.5 - 58.5	\$1,044,360.00	\$0.00	0.00000	83.75
58.5 - 59.5	\$1,044,360.00	\$0.00	0.00000	83.75
59.5 - 60.5	\$1,044,360.00	\$0.00	0.00000	83.75

Kentucky Utilities All Divisions 312.00 BOILER PLANT EQUIPMENT Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 312.00 BOILER PLANT EQUIPMENT

Observed Life Table

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Beginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$818,708,181.16	\$149,275.00	0.00018	100.00
0.5 - 1.5	\$810,176,312.61	\$126,889.00	0.00016	99.98
1.5 - 2.5	\$799,991,187.60	\$240,819.00	0.00030	99.97
2.5 - 3.5	\$797,913,573.06	\$602,459.00	0.00076	99.94
3.5 - 4.5	\$784,969,002.64	\$177,220.00	0.00023	99.86
4.5 - 5.5	\$783,495,811.39	\$225,993.00	0.00029	99.84
5.5 - 6.5	\$774,978,303.42	\$6,078,890.00	0.00784	99.81
6.5 - 7.5	\$740,717,997.79	\$197,344.00	0.00027	99.03
7.5 - 8.5	\$709,767,570.29	\$196,684.00	0.00028	99.00
8.5 - 9.5	\$590,460,996.21	\$147,491.00	0.00025	98.97
9.5 - 10.5	\$583,553,799.52	\$557,500.00	0.00096	98.95
10.5 - 11.5	\$570,176,507.09	\$598,768.00	0.00105	98.85
11.5 - 12.5	\$559,042,886.86	\$862,551.00	0.00154	98.75
12.5 - 13.5	\$556,173,285.58	\$779,598.00	0.00140	98.60
13.5 - 14.5	\$552,785,106.70	\$729,290.00	0.00132	98.46
14.5 - 15.5	\$550,170,968.16	\$303,969.00	0.00055	98.33
15.5 - 16.5	\$537,940,854.15	\$491,140.00	0.00091	98.27
16.5 - 17.5	\$536,061,626.09	\$448,822.00	0.00084	98.18
17.5 - 18.5	\$535,092,722.77	\$523,323.00	0.00098	98.10
18.5 - 19.5	\$394,528,542.95	\$4,191,859.00	0.01062	98.01
19.5 - 20.5	\$390,006,721.08	\$1,367,203.00	0.00351	96.97
20.5 - 21.5	\$378,506,729.79	\$3,759,820.00	0.00993	96.63
21.5 - 22.5	\$229,617,205.36	\$1,173,739.00	0.00511	95.67
22.5 - 23.5	\$225,949,031.62	\$3,059,749.00	0.01354	95.18
23.5 - 24.5	\$220,661,291.67	\$406,058.00	0.00184	93.89
24.5 - 25.5	\$214,238,839.68	\$1,987,654.00	0.00928	93.72
25.5 - 26.5	\$147,867,598.82	\$2,496,022.00	0.01688	92.85
26.5 - 27.5	\$132,943,839.85	\$1,451,848.00	0.01092	91.28
27.5 - 28.5	\$69,115,775.67	\$160,079.00	0.00232	90.28
28.5 - 29.5	\$67,461,552.81	\$27,299.00	0.00040	90.07
29.5 - 30.5	\$64,560,603.21	\$48,214.00	0.00075	90.04
30.5 - 31.5	\$36,149,753.53	\$130,047.00	0.00360	89.97
31.5 - 32.5	\$35,528,397.51	\$450,477.00	0.01268	89.65
32.5 - 33.5	\$34,882,067.86	\$13,141.00	0.00038	88.51
33.5 - 34.5	\$34,868,926.86	\$3,078.00	0.00009	88.48
34.5 - 35.5	\$34,852,848.06	\$23,120.00	0.00066	88.47
35.5 - 36.5	\$34,815,538.37	\$671,483.00	0.01929	88.41



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Kentucky Utilities All Divisions 312.00 BOILER PLANT EQUIPMENT

Observed Life Table

Age Interval	\$ Surviving At Beginning of Age Interval	\$ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$34,099,841.40	\$371,219.00	0.01089	86.70
37.5 - 38.5	\$33,509,486.68	\$1,154,754.00	0.03446	85.76
38.5 - 39.5	\$32,351,258.52	\$222,133.00	0.00687	82.80
39.5 - 40.5	\$25,979,946.95	\$15,191.00	0.00058	82.24
40.5 - 41.5	\$25,964,755.95	\$62,636.00	0.00241	82.19
41.5 - 42.5	\$25,902,119.95	\$0.00	0.00000	81.99
42.5 - 43.5	\$25,899,947.66	\$222,315.00	0.00858	81.99
43.5 - 44.5	\$21,189,015.31	\$86,311.00	0.00407	81.29
44.5 - 45.5	\$15,791,822.35	\$36,881.00	0.00234	80.95
45.5 - 46.5	\$15,754,941.35	\$2,962.00	0.00019	80.77
46.5 - 47.5	\$15,751,979.35	\$78,781.00	0.00500	80.75
47.5 - 48.5	\$15,669,866.14	\$20,673.00	0.00132	80.35
48.5 - 49.5	\$8,708,916.32	\$59,502.00	0.00683	80.24
49.5 - 50.5	\$8,649,414.32	\$7,462.00	0.00086	79.69
50.5 - 51.5	\$8,627,372.33	\$1,868,169.00	0.21654	79.62
51.5 - 52.5	\$6,665,087.08	\$45,601.00	0.00684	62.38
52.5 - 53.5	\$2,945,858.73	\$0.00	0.00000	61.95
53.5 - 54.5	\$2,680,450.22	\$0.00	0.00000	61.95
54.5 - 55.5	\$96,869.00	\$0.00	0.00000	61.95
55.5 - 56.5	\$96,869.00	\$0.00	0.00000	61.95
56.5 - 57.5	\$96,869.00	\$5,543.00	0.05722	61.95
57.5 - 58.5	\$91,326.00	\$0.00	0.00000	58.41
58.5 - 59.5	\$91,326.00	\$0.00	0.00000	58.41
59.5 - 60.5	\$91,326.00	\$0.00	0.00000	58.41





Kentucky Utilities All Divisions 314.00 TURBOGENERATOR UNITS

Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 314.00 TURBOGENERATOR UNITS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1926 TO 2002

4.00	\$ Surviving At	\$ Retired	Retirement Ratio	% Surviving At Reginning of
Age Interval	Beginning of Age Interval	Age Interval	<i>Nullo</i>	Age Interval
00-05	\$196,909,776.57	\$0.00	0.00000	100.00
0.5 - 1.5	\$200,107,708.00	\$4,752.00	0.00002	100.00
1.5 - 2.5	\$197,918,759.47	\$18,581.00	0.00009	100.00
25-35	\$197,463,000.76	\$25,183.00	0.00013	99.99
3.5 - 4.5	\$198,010,958.03	\$10,462.00	0.00005	99.98
4.5 - 5.5	\$197,868,305.36	\$1,428.00	0.00001	99.97
5.5 - 6.5	\$181,106,025.57	\$0.00	0.00000	99.97
6.5 - 7.5	\$175,687,969.20	\$0.00	0.00000	99.97
7.5 - 8.5	\$169,540,059.36	\$0.00	0.00000	99.97
8.5 - 9.5	\$169,528,600.65	\$0.00	0.00000	99.97
9.5 - 10.5	\$169,145,781.03	\$250,528.00	0.00148	99.97
10.5 - 11.5	\$162,633,610.14	\$5.00	0.00000	99.82
11.5 - 12.5	\$162,737,966.36	\$0.00	0.00000	99.82
12.5 - 13.5	\$162,701,342.85	\$12,246.00	0.00008	99.82
13.5 - 14.5	\$162,317,225.33	\$1,642,148.00	0.01012	99,81
14.5 - 15.5	\$160,675,077.33	\$22,654.00	0.00014	98.80
15.5 - 16.5	\$160,608,184.30	\$0.00	0.00000	98,79
16.5 - 17.5	\$160,564,726.62	\$0.00	0.00000	98.79
17.5 - 18.5	\$159,892,656.72	\$3,600.00	0.00002	98.79
18.5 - 19.5	\$112,596,249.32	\$1,688,265.00	0.01499	98.79
19.5 - 20.5	\$110,837,556.24	\$393,782.00	0.00355	97.31
20.5 - 21.5	\$110,436,200.44	\$0.00	0.00000	96.96
21.5 - 22.5	\$75,276,572.83	\$158,534.00	0.00211	96.96
22.5 - 23.5	\$75,114,875.33	\$2,529.00	0.00003	96.76
23.5 - 24.5	\$75,112,346.33	\$128,585.00	0.00171	96.75
24.5 - 25.5	\$74,983,761.33	\$2,533,365.00	0.03379	96.59
25.5 - 26.5	\$72,095,935.84	\$210,860.00	0.00292	93.32
26.5 - 27.5	\$71,885,075.84	\$143,705.00	0.00200	93,05
27.5 - 28.5	\$36,217,383.18	\$0.00	0.00000	92.87
28.5 - 29.5	\$36,217,383.18	\$0.00	0,00000	92.87
29.5 - 30.5	\$36,217,383.18	\$4,530.00	0.00013	92.87
30.5 - 31.5	\$25,565,852.18	\$294,146.00	0.01151	92.85
31.5 - 32.5	\$25,258,270.37	\$136,583.00	0.00541	91.79
32.5 - 33.5	\$25,120,798.07	\$6,526.00	0.00026	91.29
33.5 - 34.5	\$25,114,272.07	\$3,034.00	0.00012	91.27
34.5 - 35.5	\$25,097,883.12	\$0.00	0.00000	91.25
35.5 - 36.5	\$25,097,883.12	\$71,035.00	0.00283	91.25



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Kentucky Utilities All Divisions 314.00 TURBOGENERATOR UNITS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1926 TO 2002

Age Interval	\$ Surviving At Beginning of Age Interval	\$ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$25,026,848.12	\$0.00	0.00000	91.00
37.5 - 38.5	\$24,994,637.92	\$2,081,135.00	0.08326	91.00
38.5 - 39.5	\$22,682,406.37	\$261,818.00	0.01154	83.42
39.5 - 40.5	\$17,732,390.24	\$297.00	0.00002	82.46
40.5 - 41.5	\$17,732,093.24	\$4,066.00	0.00023	82.46
41.5 - 42.5	\$17,721,160.77	\$0.00	0.00000	82.44
42.5 - 43.5	\$17,721,160.77	\$100,327.00	0.00566	82.44
43.5 - 44.5	\$14,465,501.12	\$46,969.00	0.00325	81.97
44.5 - 45.5	\$10,276,699.48	\$4,460.00	0.00043	81.70
45.5 - 46.5	\$10,272,239.48	\$0.00	0.00000	81.67
46.5 - 47.5	\$10,272,239.48	\$0.00	0.00000	81.67
47.5 - 48.5	\$10,272,239.48	\$0.00	0.00000	81.67
48.5 - 49.5	\$5,500,715.49	\$0.00	0,00000	81.67
49.5 - 50.5	\$5,500,715.49	\$39,646.00	0.00721	81.67
50.5 - 51.5	\$5,461,069.49	\$1,590,639.00	0.29127	81.08
51.5 - 52.5	\$1,970,177.28	\$0.00	0.00000	57.46
52.5 - 53.5	\$1,591,408.48	\$0.00	0.0000	57.46
53.5 - 54.5	\$1,591,408.48	\$0.00	0.00000	57.46
54.5 - 55.5	\$50.00	\$0.00	0.00000	57.46
55.5 - 56.5	\$50.00	\$0.00	0.00000	57.46
56.5 - 57.5	\$50.00	\$0.00	0.00000	57.46
57.5 - 58.5	\$50.00	\$0.00	0.00000	57.46
58.5 - 59.5	\$50.00	\$0.00	0.00000	57.46
59.5 - 60.5	\$50.00	\$0.00	0.00000	57.46

Kentucky Utilities

All Divisions 315.00 ACCESSORY ELECTRIC EQUIPMENT Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 315.00 ACCESSORY ELECTRIC EQUIPMENT

Observed Life Table

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Beginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$80,646,375.52	\$2,825.00	0.00004	100.00
0.5 - 1.5	\$81,127,973.28	\$15,361.00	0.00019	100.00
1.5 - 2.5	\$81,372,626.09	\$461.00	0.00001	99.98
2.5 - 3.5	\$81,435,114.89	\$0.00	0.00000	99.98
3.5 - 4.5	\$82,058,599.93	\$25,574.00	0.00031	99.98
4.5 - 5.5	\$82,037,292.08	\$0.00	0.00000	99.95
5.5 - 6.5	\$81,743,172.40	\$0.00	0,00000	99.95
6.5 - 7.5	\$81,235,920.84	\$30,588.00	0.00038	99.95
7.5 - 8.5	\$79,300,549.75	\$61,116.00	0.00077	99.91
8.5 - 9.5	\$75,201,209.25	\$3,066.00	0.00004	99.83
9.5 - 10.5	\$74,365,868.33	\$55,311.00	0.00074	99.83
10.5 - 11.5	\$74,461,495.29	\$10,460.00	0.00014	99.75
11.5 - 12.5	\$74,292,451.50	\$3,036.00	0.00004	99.74
12.5 - 13.5	\$74,279,823.74	\$30,125.00	0.00041	99.73
13.5 - 14.5	\$74,197,580.44	\$0.00	0.00000	99.69
14.5 - 15.5	\$74,150,328.13	\$5,149.00	0.00007	99.69
15.5 - 16.5	\$74,076,385.62	\$9,852.00	0,00013	99.69
16.5 - 17.5	\$74,000,781.35	\$4,667.00	0.00006	99.67
17.5 - 18.5	\$73,991,556.47	\$0.00	0.00000	99.67
18.5 - 19.5	\$52,230,340.98	\$55,196.00	0.00106	99.67
19.5 - 20.5	\$52,175,144.98	\$37,072.00	0.00071	99.56
20.5 - 21.5	\$52,138,072.98	\$31,988.00	0.00061	99.49
21.5 - 22.5	\$26,316,064.28	\$5,522.00	0.00021	99.43
22.5 - 23.5	\$26,310,542.28	\$19,505.00	0.00074	99.41
23.5 - 24.5	\$26,176,267.22	\$4,526.00	0.00017	99.34
24.5 - 25.5	\$26,171,741.22	\$9,730.00	0.00037	99.32
25.5 - 26.5	\$16,176,624.16	\$0.00	0.00000	99.28
26.5 - 27.5	\$16,176,624.16	\$2,400.00	0.00015	99.28
27.5 - 28.5	\$9,659,112.61	\$2,400.00	0.00025	99.27
28.5 - 29.5	\$9,656,712.61	\$8,680.00	0.00090	99.24
29.5 - 30.5	\$9,648,032.61	\$0.00	0.00000	99.15
30,5 - 31,5	\$5,425,314.12	\$34,712.00	0.00640	99.15
31.5 - 32.5	\$5,389,627.42	\$0.00	0.00000	98.52
32.5 - 33.5	\$5,388,833.86	\$0.00	0.00000	98.52
33.5 - 34.5	\$5,388,833.86	\$0.00	0.00000	98.52
34.5 - 35.5	\$5,363,832,56	\$0.00	0.00000	98.52
35.5 - 36.5	\$5,363,832.56	\$31,596.00	0.00589	98.52

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Kentucky Utilities All Divisions 315.00 ACCESSORY ELECTRIC EQUIPMENT

Observed Life Table

Age Interval	\$ Surviving At Beginning of Age Interval	§ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$5,331,455.35	\$1,793.00	0.00034	97.94
37.5 - 38.5	\$5,244,660.61	\$105,000.00	0.02002	97.91
38.5 - 39.5	\$5,139,660.61	\$0.00	0.00000	95,95
39.5 - 40.5	\$4,418,952.15	\$810.00	0.00018	95.95
40.5 - 41.5	\$4,418,142.15	\$18,279.00	0.00414	95.93
41.5 - 42.5	\$4,399,863.15	\$22,143.00	0.00503	95.53
42.5 - 43.5	\$4,371,484.03	\$0.00	0.00000	95.05
43.5 - 44.5	\$3,798,326.04	\$0.00	0.00000	95.05
44.5 - 45.5	\$2,830,732.50	\$4,590.00	0.00162	95.05
45.5 - 46.5	\$2,824,203.80	\$0.00	0.00000	94.90
46.5 - 47.5	\$2,824,203.80	\$0.00	0.00000	94.90
47.5 - 48.5	\$2,799,030.60	\$3,271.00	0.00117	94.90
48.5 - 49.5	\$1,699,990.73	\$1,786.00	0.00105	94.79
49.5 - 50.5	\$1,690,688.95	\$8,493.00	0.00502	94.69
50.5 - 51.5	\$1,680,070.95	\$308,316.00	0.18351	94.21
51.5 - 52.5	\$1,228,983.19	\$0.00	0.00000	76.92
52.5 - 53.5	\$858,359.84	\$0.00	0.00000	76.92
53.5 - 54.5	\$781,012.04	\$0.00	0.00000	76.92
54.5 - 55.5	\$157,527.00	\$5,245.00	0.03330	76.92
55.5 - 56.5	\$152,282.00	\$0.00	0.00000	74.36
56.5 - 57.5	\$152,282.00	\$0.00	0.00000	74.36
57.5 - 58.5	\$152,282.00	\$0.00	0.00000	74.36
58.5 - 59.5	\$152,282.00	\$0.00	0.00000	74.36
59.5 - 60.5	\$152,282.00	\$0,00	0.00000	74.36

Kentucky Utilities

All Divisions 316.00 MISC. POWER PLANT EQUIPMENT Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 316.00 MISC. POWER PLANT EQUIPMENT

Observed Life Table

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Beginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$21,665,428.33	\$1,108.00	0.00005	100.00
0.5 - 1.5	\$21,684,453.55	\$18,179.00	0.00084	99.99
1.5 - 2.5	\$21,330,541.66	\$9,792.00	0.00046	99.91
2.5 - 3.5	\$20,955,639.59	\$119,327.00	0.00569	99.87
3.5 - 4.5	\$19,808,404.20	\$55,275.00	0.00279	99.30
4.5 - 5.5	\$19,332,140.27	\$46,171.00	0.00239	99.02
5.5 - 6.5	\$18,003,283.37	\$54,718.00	0.00304	98.78
6.5 - 7.5	\$17,219,708.72	\$74,117.00	0.00430	98.48
7.5 - 8.5	\$16,019,899.22	\$96,235.00	0.00601	98.06
8.5 - 9.5	\$14,070,184.46	\$118,651.00	0.00843	97.47
9.5 - 10.5	\$13,686,593.79	\$57,184.00	0.00418	96.65
10.5 - 11.5	\$13,302,551.34	\$31,935.00	0.00240	96.24
11.5 - 12.5	\$12,712,169.22	\$22,687.00	0.00178	96.01
12.5 - 13.5	\$11,553,418.25	\$49,441.00	0.00428	95.84
13.5 - 14.5	\$10,900,462.99	\$75,626.00	0.00694	95.43
14.5 - 15.5	\$10,319,099.59	\$7,637.00	0.00074	94.77
15.5 - 16.5	\$9,813,605.52	\$18,872.00	0.00192	94.70
16.5 - 17.5	\$9,522,134.42	\$30,946.00	0.00325	94.52
17.5 - 18.5	\$9,264,992.43	\$19,039.00	0.00205	94.21
18.5 - 19.5	\$7,297,068.03	\$5,977.00	0.00082	94.02
19.5 - 20.5	\$7,175,514.68	\$16,489.00	0.00230	93.94
20.5 - 21.5	\$7,131,283.92	\$8,904.00	0.00125	93.72
21.5 - 22.5	\$4,042,427.84	\$3,483.00	0.00086	93.61
22.5 - 23.5	\$3,979,727.49	\$10,517.00	0.00264	93.53
23.5 - 24.5	\$3,889,370.82	\$28,616.00	0.00736	93.28
24.5 - 25.5	\$3,850,287.33	\$24,534.00	0.00637	92.59
25.5 - 26.5	\$2,445,921.11	\$3,632.00	0.00148	92.00
26.5 - 27.5	\$2,427,373.13	\$564.00	0.00023	91.87
27.5 - 28.5	\$1,259,418.68	\$11,122.00	0.00883	91.84
28.5 - 29.5	\$1,241,847.91	\$1,749.00	0.00141	91.03
29.5 - 30.5	\$1,239,096.06	\$14,372.00	0.01160	90.91
30.5 - 31.5	\$739,781.14	\$6,850.00	0.00926	89.85
31.5 - 32.5	\$728,502.47	\$2,273.00	0.00312	89.02
32.5 - 33.5	\$724,898.80	\$36,127.00	0.04984	88.74
33.5 - 34.5	\$683,381.87	\$23,148.00	0.03387	84.32
34.5 - 35.5	\$658,602.34	\$1,375.00	0.00209	81.46
35,5 - 36.5	\$657,227.34	\$161.00	0.00024	81.29

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Kentucky Utilities All Divisions 316.00 MISC. POWER PLANT EQUIPMENT

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1926 TO 2002

Age Interval	<i>\$ Surviving At Beginning of Age Interval</i>	§ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$653,288.51	\$0.00	0.00000	81.27
37.5 - 38.5	\$639,496.54	\$12,638.00	0.01976	81.27
38.5 - 39.5	\$626,858.54	\$112.00	0.00018	79.67
39.5 - 40.5	\$563,369.30	\$95.00	0.00017	79.65
40.5 - 41.5	\$559,809.58	\$0.00	0.00000	79.64
41.5 - 42.5	\$558,414.69	\$0.00	0.00000	79.64
42.5 - 43.5	\$558,414.69	\$15,458.00	0.02768	79.64
43.5 - 44.5	\$467,196.86	\$0.00	0.00000	77.43
44.5 - 45.5	\$315,993.12	\$0.00	0.00000	77.43
45.5 - 46.5	\$312,817.72	\$2,508.00	0.00802	77.43
46.5 - 47.5	\$310,309.72	\$8,685.00	0.02799	76.81
47.5 - 48.5	\$294,850.27	\$3,011.00	0.01021	74.66
48.5 - 49.5	\$275,622.09	\$0.00	0.00000	73,90
49.5 - 50.5	\$275,548.09	\$26,450.00	0.09599	73.90
50.5 - 51.5	\$245,681.81	\$12,514.00	0.05094	66.81
51.5 - 52.5	\$233,015.77	\$1,016.00	0.00436	63.40
52.5 - 53.5	\$117,188.06	\$1,732.00	0.01478	63.13
53.5 - 54.5	\$112,744.22	\$0.00	0.00000	62.19
54.5 - 55.5	\$40,024.00	\$2,901.00	0.07248	62.19
55.5 - 56.5	\$37,123.00	\$1,981.00	0.05336	57.69
56.5 - 57.5	\$35,142.00	\$0.00	0.00000	54.61
57.5 - 58.5	\$35,142.00	\$5,656.00	0.16095	54.61
58.5 - 59.5	\$29,486.00	\$0.00	0.00000	45.82
59.5 - 60.5	\$29,486.00	\$0.00	0.00000	45.82

Kentucky Utilities

All Divisions 331.00 STRUCTURES AND IMPROVEMENTS Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 331.00 STRUCTURES AND IMPROVEMENTS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1941 TO 1996

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Reginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$165,656.46	\$0.00	0.00000	100.00
0.5 - 1.5	\$165,656.46	\$0.00	0.00000	100.00
1.5 - 2.5	\$165,656.46	\$0.00	0,00000	100.00
2.5 - 3.5	\$166,374.46	\$0.00	0.00000	100.00
3.5 - 4.5	\$166,624.46	\$0.00	0.00000	100.00
4.5 - 5.5	\$166,624.46	\$0.00	0.00000	100.00
5.5 - 6.5	\$166,624.46	\$0.00	0.00000	100.00
6.5 - 7.5	\$166,624.46	\$0.00	0.00000	100.00
7.5 - 8.5	\$166,624.46	\$0.00	0.00000	100.00
85-95	\$88,439.57	\$1,226.00	0.01386	100.00
9.5 - 10.5	\$87,213.57	\$0.00	0.00000	98.61
10.5 - 11.5	\$452,496.31	\$0.00	0.00000	98.61
11.5 - 12.5	\$452,496.31	\$0.00	0.00000	98.61
12.5 - 13.5	\$399,196.04	\$1,338.00	0.00335	98.61
13.5 - 14.5	\$397,858.04	\$5,000.00	0.01257	98.28
14.5 - 15.5	\$371,204.64	\$590.00	0.00159	97.05
15.5 - 16.5	\$370,614.64	\$0.00	0.00000	96.89
16.5 - 17.5	\$370,614.64	\$0.00	0.00000	96,89
17.5 - 18.5	\$370,614.64	\$0.00	0.00000	96,89
18.5 - 19.5	\$370,614.64	\$461.00	0.00124	96.89
19.5 - 20.5	\$370,153.64	\$0.00	0.00000	96.77
20.5 - 21.5	\$370,153.64	\$0.00	0.00000	96.77
21.5 - 22.5	\$370,153.64	\$0.00	0.00000	96.77
22.5 - 23.5	\$370,153.64	\$0.00	0.00000	96.77
23.5 - 24.5	\$370,153.64	\$0.00	0.00000	96.77
24.5 - 25.5	\$370,153.64	\$2,268.00	0.00613	96.77
25.5 - 26.5	\$367,885.64	\$0.00	0.00000	96.18
26.5 - 27.5	\$367,885.64	\$0.00	0.00000	96.18
27.5 - 28.5	\$367,592.12	\$0.00	0.00000	96.18
28.5 - 29.5	\$367,592.12	\$0.00	0.00000	96.18
29.5 - 30.5	\$367,592.12	\$0.00	0.00000	96.18
30.5 - 31.5	\$367,592.12	\$0.00	0.00000	96.18
31.5 - 32.5	\$367,592.12	\$0.00	0.00000	96.18
325-335	\$367,592.12	\$0.00	0.00000	96.18
33 5 - 34 5	\$367.592.12	\$0.00	0.00000	96.18
34 5 - 35 5	\$367.592.12	\$0.00	0.00000	96.18
35 5 - 36 5	\$366.072.72	\$0.00	0.00000	96.18
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Kentucky Utilities All Divisions 331.00 STRUCTURES AND IMPROVEMENTS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1941 TO 1996

Age Interval	\$ Surviving At Beginning of Age Interval	<i>\$ Retired During The Age Interval</i>	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$366,172.72	\$0.00	0.00000	96.18
37.5 - 38.5	\$366,172.72	\$379.00	0.00104	96.18
38.5 - 39.5	\$365,793.72	\$0.00	0.00000	96.08
39.5 - 40.5	\$365,793.72	\$112.00	0.00031	96.08
40.5 - 41.5	\$365,681.72	\$0.00	0.00000	96.05
41.5 - 42.5	\$362,682.42	\$0.00	0.00000	96.05
42.5 - 43.5	\$362,682.42	\$0.00	0.00000	96.05
43.5 - 44.5	\$362,682.42	\$1,599.00	0.00441	96.05
44.5 - 45.5	\$361,083.42	\$0.00	0.00000	95.63
45.5 - 46.5	\$361,083.42	\$0.00	0.00000	95.63
46.5 - 47.5	\$361,083.42	\$0.00	0.00000	95.63
47.5 - 48.5	\$356,595.74	\$250.00	0.00070	95.63
48.5 - 49.5	\$356,345.74	\$242.00	0.00068	95.56
49.5 - 50.5	\$356,103.74	\$0.00	0.00000	95.50
50.5 - 51.5	\$356,103.74	\$0.00	0.00000	95.50
51.5 - 52.5	\$356,103.74	\$0.00	0.00000	95.50
52.5 - 53.5	\$356,103.74	\$3,526.00	0.00990	95.50
53.5 - 54.5	\$352,577.74	\$0.00	0.00000	94.55
54.5 - 55.5	\$352,577.74	\$17,489.00	0.04960	94.55
55.5 - 56.5	\$335,088.74	\$0.00	0.00000	89.86
56.5 - 57.5	\$335,088.74	\$0.00	0.00000	89.86
57.5 - 58.5	\$335,088.74	\$0.00	0.00000	89.86
58.5 - 59.5	\$335,088.74	\$0.00	0.00000	89.86
59.5 - 60.5	\$335,088.74	\$0.00	0.00000	89.86
60.5 - 61.5	\$335,088.74	\$0.00	0.00000	89.86

Kentucky Utilities

All Divisions 333.00 WATERWHEELS, TURBINES AND GENERATORS Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 333.00 WATERWHEELS, TURBINES AND GENERATORS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1941 TO 1997

Age	\$ Surviving At Beginning of	§ Retired During The	Retirement Ratio	% Surviving At Beginning of
Interval	Age Interval	Age Interval	-509-5000,803	Age Interval
0.0 - 0.5	\$101,810.71	\$0.00	0.00000	100.00
0.5 - 1.5	\$101,810.71	\$0.00	0.00000	100.00
1.5 - 2.5	\$101,810.71	\$0.00	0.00000	100.00
2.5 - 3.5	\$101,810.71	\$0.00	0.00000	100.00
3.5 - 4.5	\$101,810.71	\$0.00	0.00000	100.00
4.5 - 5.5	\$101,810.71	\$0.00	0.00000	100.00
5.5 - 6.5	\$76,989.10	\$0.00	0,00000	100.00
6.5 - 7.5	\$76,989.10	\$0.00	0.00000	100.00
7.5 - 8.5	\$76,989.10	\$0.00	0.00000	100.00
8.5 - 9.5	\$76,989.10	\$0.00	0.00000	100.00
9.5 - 10.5	\$76,989.10	\$0.00	0.00000	100.00
10.5 - 11.5	\$521,887.48	\$0.00	0.00000	100.00
11.5 - 12.5	\$521,887.48	\$0.00	0.00000	100.00
12.5 - 13.5	\$521,887.48	\$0.00	0.00000	100.00
13.5 - 14.5	\$521,887,48	\$0.00	0.00000	100.00
14.5 - 15.5	\$521,887.48	\$0.00	0.00000	100.00
15.5 - 16.5	\$521,887.48	\$21,000.00	0.04024	100.00
16.5 - 17.5	\$500,887.48	\$2,963.00	0.00592	95.98
17.5 - 18.5	\$497,924.48	\$0.00	0.00000	95.41
18.5 - 19.5	\$497,924.48	\$0.00	0.00000	95.41
19.5 - 20.5	\$497,924.48	\$0.00	0.00000	95.41
20.5 - 21.5	\$497,924.48	\$0.00	0.00000	95.41
21.5 - 22.5	\$497,924.48	\$0.00	0.00000	95.41
22.5 - 23.5	\$497,924.48	\$0.00	0.00000	95.41
23.5 - 24.5	\$497,924.48	\$0.00	0.00000	95.41
24.5 - 25.5	\$497,924.48	\$0.00	0.00000	95.41
25.5 - 26.5	\$497,924.48	\$0.00	0.00000	95.41
26.5 - 27.5	\$497,924.48	\$0.00	0.00000	95.41
27.5 - 28.5	\$497,924.48	\$0.00	0.00000	95.41
28.5 - 29.5	\$497,924.48	\$0.00	0.00000	95.41
29.5 - 30.5	\$497,924.48	\$0.00	0.00000	95.41
30.5 - 31.5	\$497,924.48	\$0.00	0.00000	95.41
31.5 - 32.5	\$497,924.48	\$0.00	0.00000	95.41
32.5 - 33.5	\$497,924.48	\$0.00	0.00000	95.41
33.5 - 34.5	\$497,924.48	\$0.00	0.00000	95.41
34.5 - 35.5	\$497,924.48	\$0.00	0.00000	95.41
35.5 - 36.5	\$497,924.48	\$0.00	0.0000	95.41

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Kentucky Utilities All Divisions 333.00 WATERWHEELS, TURBINES AND GENERATORS

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Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1941 TO 1997

Age Interval	\$ Surviving At Beginning of Age Interval	<i>\$ Retired During The Age Interval</i>	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$497,924.48	\$0.00	0.00000	95.41
37.5 - 38.5	\$497,924.48	\$0.00	0.00000	95.41
38.5 - 39.5	\$497,924.48	\$0.00	0.00000	95.41
39.5 - 40.5	\$497,893.02	\$0.00	0.00000	95.41
40.5 - 41.5	\$485,084.22	\$0.00	0.00000	95.41
41.5 - 42.5	\$485,084.22	\$0.00	0.00000	95.41
42.5 - 43.5	\$485,084.22	\$0.00	0.00000	95.41
43.5 - 44.5	\$440,632.24	\$0.00	0.00000	95.41
44.5 - 45.5	\$436,310.52	\$0.00	0.00000	95.41
45.5 - 46.5	\$436,310.52	\$0.00	0.00000	95.41
46.5 - 47.5	\$436,310.52	\$0.00	0.00000	95.41
47.5 - 48.5	\$436,310.52	\$0.00	0.00000	95.41
48.5 - 49.5	\$436,310.52	\$0.00	0.00000	95.41
49.5 - 50.5	\$436,310.52	\$0.00	0.00000	95.41
50.5 - 51.5	\$436,310.52	\$1,109.00	0.00254	95.41
51.5 - 52.5	\$435,201.52	\$0.00	0.00000	95.17
52.5 - 53.5	\$435,201.52	\$0.00	0.00000	95.17
53.5 - 54.5	\$435,201.52	\$0.00	0.00000	95.17
54.5 - 55.5	\$435,201.52	\$0.00	0.00000	95.17
55.5 - 56.5	\$435,201.52	\$1,420.00	0.00326	95.17
56.5 - 57.5	\$433,781.52	\$0.00	0.00000	94.86
57.5 - 58.5	\$433,781.52	\$0.00	0.00000	94.86
58.5 - 59.5	\$433,781.52	\$0.00	0.00000	94.86
59.5 - 60.5	\$433,781.52	\$0.00	0.00000	94.86
60.5 - 61.5	\$433,781.52	\$0.00	0.00000	94.86

Kentucky Utilities

All Divisions 334.00 ACCESSORY ELECTRIC EQUIPMENT Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 334.00 ACCESSORY ELECTRIC EQUIPMENT

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1941 TO 1991

Age Interval	\$ Surviving At Beginning of Age Interval	\$ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Aye Interval
				
0.0 - 0.5	\$293,222.83	\$0.00	0.00000	100.00
0.5 - 1.5	\$293,222.83	\$0.00	0.00000	100.00
1.5 - 2.5	\$297,613.32	\$0.00	0.00000	100.00
2.5 - 3.5	\$298,592.32	\$0.00	0.00000	100.00
3.5 - 4.5	\$298,592.32	\$0.00	0.00000	100.00
4.5 - 5.5	\$308,374.06	\$0.00	0.00000	100.00
5.5 - 6.5	\$308,374.06	\$468.00	0.00152	100.00
6.5 - 7.5	\$307,906.06	\$0.00	0.00000	. 99.85
7.5 - 8.5	\$307,906.06	\$1,640.00	0.00533	99.85
8.5 - 9.5	\$306,266.06	\$0.00	0.00000	99.32
9.5 - 10.5	\$306,266.06	\$0.00	0.00000	99.32
10.5 - 11.5	\$416,037.04	\$0.00	0.00000	99.32
11.5 - 12.5	\$415,945.91	\$300.00	0.00072	99.32
12.5 - 13.5	\$415,645.91	\$0.00	0.00000	99.24
13.5 - 14.5	\$410,136.00	\$1,016.00	0.00248	99.24
14.5 - 15.5	\$409,120.00	\$0.00	0.00000	99.00
15.5 - 16.5	\$409,120.00	\$0.00	0.00000	99.00
16.5 - 17.5	\$409,120.00	\$0.00	0.00000	99.00
17.5 - 18.5	\$409,120.00	\$13.00	0.00003	99.00
18.5 - 19.5	\$409,107.00	\$1,012.00	0.00247	99.00
19.5 - 20.5	\$144,570.15	\$239.00	0.00165	98.75
20.5 - 21.5	\$144,331.15	\$23,560.00	0.16324	98.59
21.5 - 22.5	\$120,771.15	\$0.00	0.00000	82.49
22.5 - 23.5	\$120,771.15	\$1,600.00	0.01325	82.49
23.5 - 24.5	\$119,171.15	\$2,353.00	0.01974	81.40
24.5 - 25.5	\$116,818.15	\$521.00	0.00446	79.79
25.5 - 26.5	\$116,297.15	\$0.00	0.00000	79.44
26.5 - 27.5	\$116,297.15	\$2,421.00	0.02082	79.44
27.5 - 28.5	\$109,781.56	\$170.00	0.00155	77.78
28.5 - 29.5	\$106,249.59	\$0.00	0.00000	77.66
29.5 - 30.5	\$106,249.59	\$0.00	0.00000	77.66
30.5 - 31.5	\$106,249.59	\$0.00	0.00000	77.66
31.5 - 32.5	\$106,249.59	\$1,476.00	0.01389	77.66
32.5 - 33.5	\$104,773.59	\$0.00	0.00000	76.59
33.5 - 34.5	\$104,773.59	\$614.00	0.00586	76.59
34.5 - 35.5	\$104,159.59	\$689.00	0.00661	76.14
35.5 - 36.5	\$103,470.59	\$0.00	0.00000	75.63

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Kentucky Utilities All Divisions 334.00 ACCESSORY ELECTRIC EQUIPMENT

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1941 TO 1991

Age Interval	\$ Surviving At Beginning of Age Interval	<i>\$ Retired During The Age Interval</i>	Retirement Ratio	% Surviving At Beginning of Age Interval
36.5 - 37.5	\$103,470.59	\$0.00	0.00000	75.63
37.5 - 38.5	\$103,470.59	\$0.00	0.00000	75.63
38.5 - 39.5	\$103,470.59	\$0.00	0.00000	75.63
39.5 - 40.5	\$103,299.18	\$0.00	0.00000	75.63
40.5 - 41.5	\$99,578.62	\$0.00	0.00000	75.63
41.5 - 42.5	\$99,521.65	\$29,101.00	0.29241	75.63
42.5 - 43.5	\$68,681.85	\$0.00	0.00000	53.52
43.5 - 44.5	\$67,811.92	\$0.00	0.00000	53.52
44.5 - 45.5	\$67,811.92	\$0.00	0.00000	53.52
45.5 - 46.5	\$67,811.92	\$0.00	0.00000	53.52
46.5 - 47.5	\$67,811.92	\$0.00	0.00000	53.52
47.5 - 48.5	\$67,811.92	\$1,083.00	0.01597	53.52
48.5 - 49.5	\$66,728.92	\$0.00	0.00000	52.66
49.5 - 50.5	\$65,956.78	\$0.00	0.00000	52.66
50.5 - 51.5	\$65,750.21	\$0.00	0.00000	52.66
51.5 - 52.5	\$65,750.21	\$0.00	0.00000	52.66
52.5 - 53.5	\$65,338.72	\$0.00	0.00000	52.66
53.5 - 54.5	\$65,048.72	\$0.00	0.00000	52.66
54.5 - 55.5	\$65,048.72	\$0.00	0.00000	52.66
55.5 - 56.5	\$55,266.98	\$0.00	0.00000	52.66
56.5 - 57.5	\$55,266.98	\$0.00	0.00000	52.66
57.5 - 58.5	\$55,266.98	\$0.00	0.00000	52.66
58.5 - 59.5	\$55,266.98	\$0.00	0.00000	52.66
59.5 - 60.5	\$55,266.98	\$0.00	0.00000	52.66
60.5 - 61.5	\$55,266.98	\$0.00	0.00000	52.66

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Kentucky Utilities

All Divisions 341.00 STRUCTURES AND IMPROVEMENTS Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 341.00 STRUCTURES AND IMPROVEMENTS

Observed Life Table

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Retirement Expr. 1994 TO 2002 Placement Years 1994 TO 2002

Age Interval	\$ Surviving At Beginning of Age Interval	§ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
0.0 - 0.5	\$22,030,137.60	\$0.00	0.00000	100.00
0.5 - 1.5	\$14,899,566.63	\$0.00	0.00000	100.00
1.5 - 2.5	\$12,097,115.07	\$0.00	0.00000	100.00
2.5 - 3.5	\$11,665,899.61	\$39,289.00	0.00337	100.00
3.5 - 4.5	\$11,004,578.51	\$350,791.00	0.03188	99.66
4.5 - 5.5	\$10,653,787.51	\$465,101.00	0.04366	96.49
5.5 - 6.5	\$10,188,686.51	\$0.00	0.00000	92.27
6.5 - 7.5	\$8,028,491.63	\$0.00	0.00000	92.27
7.5 - 8.5	\$4,330,733.29	\$0.00	0.00000	92.27

Kentucky Utilities

All Divisions 342.00 FUEL HOLDERS, PRODUCERS AND ACCESS. Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 342.00 FUEL HOLDERS, PRODUCERS AND ACCESS.

Observed Life Table

Retirement Expr. 1970 TO 2002 Placement Years 1970 TO 2002

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age Interval	Beginning of Age Interval	During The Age Interval	Ratio	Beginning of Age Interval
0.0-0.5	\$19,773,998.25	\$0.00	0.00000	100.00
0.5 - 1.5	\$14,823,773.58	\$0.00	0.00000	100.00
15-25	\$12,119,866.35	\$8,061.00	0.00067	100.00
25-35	\$12,111,805.35	\$23,300.00	0.00192	99.93
35-45	\$11,414,363.74	\$83,272.00	0.00730	99.74
45-55	\$11,331,091,74	\$1,333,474.00	0.11768	99.01
55-65	\$9,802,550,43	\$0.00	0.00000	87.36
65-75	\$1,802,628,18	\$0.00	0.00000	87.36
75-85	\$1,262,717.38	\$0.00	0.00000	87.36
85-95	\$181,132.61	\$0.00	0.00000	87.36
95-105	\$181,132.61	\$0.00	0.00000	87.36
10.5 - 11.5	\$181,132.61	\$0.00	0.00000	87.36
11.5 - 12.5	\$181,132.61	\$0.00	0.00000	87.36
12.5 - 13.5	\$181,132.61	\$0.00	0.00000	87.36
13.5 - 14.5	\$181,132.61	\$0.00	0.00000	87.36
14.5 - 15.5	\$181,132.61	\$0.00	0.00000	87.36
15.5 - 16.5	\$181,132.61	\$0.00	0.00000	87.36
16.5 - 17.5	\$181,132.61	\$0.00	0.00000	87.36
17.5 - 18.5	\$181,132.61	\$0.00	0.00000	87.36
18.5 - 19.5	\$181,132.61	\$0.00	0.00000	87.36
19.5 - 20.5	\$181,132.61	\$0.00	0.00000	87.36
20.5 - 21.5	\$181,132.61	\$0.00	0.00000	87.36
21.5 - 22.5	\$181,132.61	\$0.00	0.00000	87.36
22.5 - 23.5	\$181,132.61	\$0.00	0.00000	87.36
23.5 - 24.5	\$181,132.61	\$0.00	0.00000	87.36
24.5 - 25.5	\$180,990.36	\$0.00	0.00000	87.36
25.5 - 26.5	\$114,453.11	\$0.00	0.00000	87.36
26.5 - 27.5	\$114,453.11	\$0.00	0.00000	87.36
27.5 - 28.5	\$114,453,11	\$0.00	0.00000	87.36
28.5 - 29.5	\$114,453.11	\$0.00	0.00000	87.36
29.5 - 30.5	\$114,453.11	\$0.00	0.00000	87.36
30.5 - 31.5	\$114,453.11	\$0.00	0.00000	87.36
31.5 - 32.5	\$0.00	\$0.00	0.00000	87.36







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Kentucky Utilities All Divisions 343.00 PRIME MOVERS

Observed Life Table

Retirement Expr. 1994 TO 2002 Placement Years 1994 TO 2002

Age Interval	\$ Surviving At Beginning of Age Interval	\$ Retired During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
0.0 - 0.5	\$261,281,133.10	\$0.00	0.00000	100.00
0.5 - 1.5	\$200,907,462.97	\$0.00	0.00000	100.00
1.5 - 2.5	\$163,811,667.00	\$2,330,051.00	0.01422	100.00
2.5 - 3.5	\$146,792,170.72	\$4,525,712.00	0.03083	98.58
3.5 - 4.5	\$77,306,107.07	\$3,048,432.00	0.03943	95.54
4.5 - 5.5	\$68,515,093.67	\$97,914.00	0.00143	91.77
5.5 - 6.5	\$65,606,395.38	\$0.00	0.00000	91.64
6.5 - 7.5	\$49,546,852.24	\$0.00	0.00000	91.64
7.5 - 8.5	\$17,549,645.58	\$0.00	0.00000	91.64

Kentucky Utilities All Divisions 344.00 GENERATORS





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Kentucky Utilities All Divisions 344.00 GENERATORS

Observed Life Table

Retirement Expr. 1970 TO 2002 Placement Years 1970 TO 2002

Age Interval	<i>§ Surviving At Beginning of Age Interval</i>	<i>\$ Retired</i> During The Age Interval	Retirement Ratio	% Surviving At Beginning of Age Interval
0.0 - 0.5	\$47,669,046.03	\$0.00	0.00000	100.00
0.5 - 1.5	\$40,202,153.49	\$0.00	0.00000	100.00
1.5 - 2.5	\$31,829,998.40	\$0.00	0.00000	100.00
2.5 - 3.5	\$31,829,998.40	\$8,870.00	0.00028	100.00
3.5 - 4.5	\$24,385,720.42	\$6,511.00	0.00027	99.97
4.5 - 5.5	\$24,379,209.42	\$0.00	0.00000	99.95
5.5 - 6.5	\$24,379,209.42	\$0.00	0.00000	99.95
6.5 - 7.5	\$19,192,169.12	\$0.00	0.00000	99.95
7.5 - 8.5	\$9,293,785.69	\$0.00	0.00000	99.95
8.5 - 9.5	\$3,841,744.72	\$0.00	0.00000	99.95
9.5 - 10.5	\$3,841,744.72	\$0.00	0.00000	99.95
10.5 - 11.5	\$3,841,744.72	\$0.00	0.00000	99.95
11.5 - 12.5	\$3,841,744.72	\$0.00	0.00000	99.95
12.5 - 13.5	\$3,841,744.72	\$0.00	0.00000	99.95
13.5 - 14.5	\$3,841,744.72	\$0.00	0.00000	99.95
14.5 - 15.5	\$3,841,744.72	\$0.00	0.00000	99.95
15.5 - 16.5	\$3,841,744.72	\$0.00	0.00000	99.95
16.5 - 17.5	\$3,841,744.72	\$0.00	0.00000	99.95
17.5 - 18.5	\$3,841,744.72	\$0.00	0.00000	99.95
18.5 - 19.5	\$3,841,744.72	\$0.00	0.00000	99.95
19.5 - 20.5	\$3,841,744.72	\$0.00	0.00000	99.95
20.5 - 21.5	\$3,841,744.72	\$0.00	0.00000	99.95
21.5 - 22.5	\$3,841,744.72	\$0.00	0.00000	99.95
22.5 - 23.5	\$3,841,744.72	\$0.00	0.00000	99.95
23.5 - 24.5	\$3,841,744.72	\$0.00	0.00000	99.95
24.5 - 25.5	\$3,841,744.72	\$0.00	0.00000	99.95
25.5 - 26.5	\$3,841,744.72	\$0.00	0.00000	99.95
26.5 - 27.5	\$3,841,744.72	\$0.00	0.00000	99.95
27.5 - 28.5	\$3,841,744.72	\$0.00	0.00000	99.95
28.5 - 29.5	\$3,841,744.72	\$128,839.00	0.03354	99.95
29.5 - 30.5	\$3,712,905.72	\$44,894.00	0.01209	96.59
30.5 - 31.5	\$3,668,011.72	\$0.00	0.00000	95.43
31.5 - 32.5	\$0.00	\$0,00	0.00000	95.43

Kentucky Utilities

All Divisions 345.00 ACCESSORY ELECTRIC EQUIPMENT Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 345.00 ACCESSORY ELECTRIC EQUIPMENT

Observed Life Table

Retirement Expr. 1970 TO 2002 Placement Years 1970 TO 2002

Age	\$ Surviving At Beginning of	S Retired During The	Retirement Ratio	% Surviving At Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$19,260,056.73	\$0.00	0.00000	100.00
0.5 - 1.5	\$15,932,456.94	\$0.00	0.00000	100.00
1.5 - 2.5	\$11,210,970.09	\$0.00	0.00000	100.00
2.5 - 3.5	\$11,210,970.09	\$55,908.00	0.00499	100.00
3.5 - 4.5	\$8,452,545.63	\$54,032.00	0.00639	99.50
4.5 - 5.5	\$8,398,513.63	\$33,321.00	0.00397	98.87
5,5 - 6.5	\$8,362,605.11	\$0.00	0.00000	98.47
6.5 - 7.5	\$7,155,381,94	\$0.00	0.00000	98.47
7.5 - 8.5	\$3,553,908.65	\$0.00	0.00000	98.47
8.5 - 9.5	\$603,775.61	\$0.00	0.00000	98.47
9.5 - 10.5	\$603,775.61	\$0.00	0.00000	98.47
10.5 - 11.5	\$603,775.61	\$0.00	0.00000	98.47
11.5 - 12.5	\$603,775.61	\$0.00	0.00000	98.47
12.5 - 13.5	\$603,775.61	\$0.00	0.00000	98.47
13.5 - 14.5	\$603,775.61	\$0.00	0.00000	98.47
14.5 - 1 5 .5	\$603,775.61	\$0.00	0.00000	98.47
15.5 - 16.5	\$603,775.61	\$0.00	0.00000	98.47
16.5 - 17.5	\$603,775.61	\$0.00	0.00000	98.47
17.5 - 18.5	\$603,775.61	\$0.00	0.00000	98.47
18.5 - 19.5	\$603,775.61	\$0.00	0.00000	98.47
19.5 - 20.5	\$603,775.61	\$0.00	0.00000	98.47
20.5 - 21.5	\$603,775.61	\$0.00	0.00000	98.47
21.5 - 22.5	\$603,775.61	\$0.00	0.00000	98.47
22.5 - 23.5	\$603,775.61	\$0.00	0.00000	98.47
23.5 - 24.5	\$603,775.61	\$0.00	0.00000	98,47
24.5 - 25.5	\$603,775.61	\$0.00	0.00000	98.47
25.5 - 26.5	\$603,775.61	\$0.00	0.00000	98.47
26.5 - 27.5	\$603,775.61	\$0.00	0.00000	98.47
27.5 - 28.5	\$603,775.61	\$0.00	0.00000	98.47
28.5 - 29.5	\$603,775.61	\$0.00	0.00000	98.47
29.5 - 30.5	\$603,775.61	\$0.00	0.0000	98.47
30.5 - 31.5	\$603,775.61	\$0.00	0.00000	98.47
31,5 - 32.5	\$0.00	\$0.00	0.00000	98.47

Kentucky Utilities

All Divisions 346.00 MISC. POWER PLANT EQUIPMENT Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 346.00 MISC. POWER PLANT EQUIPMENT

Observed Life Table

Retirement Expr. 1970 TO 2002 Placement Years 1970 TO 2002

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age Interval	Beginning of Age Interval	During The Age Interval	Ratio	Beginning of Age Interval
0.0 - 0.5	\$4,851,739.69	\$1,188.00	0.00024	100.00
0.5 - 1.5	\$4,850,551.69	\$0.00	0.00000	99.98
1.5 - 2.5	\$1,619,685.01	\$1,771.00	0.00109	99.98
2.5 - 3.5	\$1,617,914.01	\$35,458.00	0.02192	99.87
3.5 - 4.5	\$1,541,133.35	\$54,411.00	0.03531	97.68
4.5 - 5.5	\$1,486,722.35	\$77,911.00	0.05240	94.23
5.5 - 6.5	\$1,361,410.73	\$0.00	0.00000	89.29
6.5 - 7.5	\$1,185,354.26	\$0.00	0.00000	89.29
7.5 - 8.5	\$789,365.54	\$0.00	0.00000	89.29
8.5 - 9.5	\$35,805.20	\$0.00	0.00000	89.29
9.5 - 10.5	\$35,805.20	\$0.00	0.00000	89.29
10.5 - 11.5	\$35,805.20	\$0.00	0.00000	89.29
11.5 - 12.5	\$35,805.20	\$0.00	0.00000	89.29
12.5 - 13.5	\$35,805.20	\$0.00	0.00000	89.29
13.5 - 14.5	\$35,805.20	\$0.00	0.00000	89.29
14.5 - 15.5	\$35,805.20	\$0.00	0.00000	89.29
15.5 - 16.5	\$35,805.20	\$0.00	0.00000	89.29
16.5 - 17.5	\$35,805.20	\$0.00	0.00000	89.29
17.5 - 18.5	\$35,805.20	\$0.00	0.00000	89.29
18.5 - 19.5	\$35,805.20	\$0.00	0.00000	89.29
19.5 - 20.5	\$35,805.20	\$0.00	0.00000	89.29
20.5 - 21.5	\$35,805.20	\$0.00	0.00000	89.29
21.5 - 22.5	\$35,805.20	\$0.00	0.00000	89.29
22.5 - 23.5	\$35,805.20	\$0.00	0.00000	89.29
23.5 - 24.5	\$35,805.20	\$0.00	0.00000	89.29
24.5 - 25.5	\$35,805.20	\$0.00	0.00000	89.29
25.5 - 26.5	\$35,805.20	\$0.00	0.00000	89.29
26.5 - 27.5	\$35,805.20	\$0.00	0.00000	89.29
27.5 - 28.5	\$35,805.20	\$0.00	0.00000	89.29
28.5 - 29.5	\$35,805.20	\$0.00	0.00000	89.29
29.5 - 30.5	\$35,805.20	\$0.00	0.00000	89.29
30.5 - 31.5	\$35,805.20	\$0.00	0.00000	89.29
31.5 - 32.5	\$0.00	\$0.00	0.00000	89.29

Kentucky Utilities All Divisions 350.10 TRANSMISSION LAND RIGHTS Original And Smooth Survivor Curves



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Kentucky Utilities All Divisions 350.10 TRANSMISSION LAND RIGHTS

Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1921 TO 2000

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Beginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
0.0 - 0.5	\$18,319,688.45	- \$1.00	0.00000	100.00
0.5 - 1.5	\$18,518,213.02	\$1,233.00	0.00007	100.00
1.5 - 2.5	\$18,518,281.02	\$0.00	0.00000	99.99
2.5 - 3.5	\$18,797,128.82	\$0.00	0,00000	99,99
3.5 - 4.5	\$18,777,263.19	\$37,135.00	- 0,00198	99.99
4.5 - 5.5	\$18,795,278.93	\$2,080.00	0.00011	99.80
5.5 - 6.5	\$18,660,194.45	\$34,479.00	0.00185	99.78
6.5 - 7.5	\$18,595,824.97	\$3,553.00	0.00019	99,60
7.5 - 8.5	\$17,872,037.18	\$10,694.00	0.00060	99.5B
8.5 - 9.5	\$15,886,438.00	\$3,483.00	0.00022	99.52
9.5 - 10.5	\$16,814,150.64	\$40.00	0.00000	99.50
10.5 - 11.5	\$18,885,902.71	\$44,006.00	0.00233	99.50
11.5 - 12.5	\$18,841,896.71	\$91,664.00	0.00486	99.27
12.5 - 13.5	\$18,750,232.71	\$96,578.00	0.00515	98.78
13.5 - 14.5	\$18,653,654.71	\$36,417.00	0.00195	98.28
14.5 - 15.5	\$18,615,773.56	\$4,272.00	0.00023	98.08
15.5 - 16.5	\$18,349,513.82	\$260.00	0.00001	98.06
16.5 - 17.5	\$18,348,225.80	\$2,201.00	0.00012	98.06
17.5 - 18.5	\$18,346,385.80	\$0.00	0.00000	98.05
18.5 - 19.5	\$18,344,874.56	\$14,381.00	0.00078	98.05
19.5 - 20.5	\$18,330,493.56	\$0.00	0.00000	97.97
20.5 - 21.5	\$18,356,714.71	\$2,507.00	0.00014	97.97
21.5 - 22.5	\$18,352,617.97	\$33,678.00	0.00184	97.96
22.5 - 23.5	\$18,318,939.97	\$1,618.00	0.00009	97.78
23.5 - 24.5	\$18,252,968.43	\$11,096.00	0.00061	97.77
24.5 - 25.5	\$15,747,592.39	\$0.00	0.00000	97.71
25.5 - 26.5	\$14,091,770.15	\$0.00	0.00000	97.71
26.5 - 27.5	\$14,090,619.41	\$0.00	0.00000	97.71
27.5 - 28.5	\$14,030,306.61	\$1,472.00	0.00010	97.71
28.5 - 29.5	\$12,157,433.31	\$1,425.00	0.00012	97.70
29.5 - 30.5	\$12,152,246.19	\$361.00	0.00003	97,69
30.5 - 31.5	\$11,635,486.95	\$14,769.00	0.00127	97.69
31.5 - 32.5	\$11,534,409.47	\$306.00	0.00003	97.56
32.5 - 33.5	\$10,546,514.13	\$0.00	0.00000	97.56
33.5 - 34.5	\$10,543,180.97	\$0.00	0.00000	97.56
34.5 - 35.5	\$10,355,221.03	\$0.00	0.00000	97.56
35.5 - 36.5	\$10,354,781.50	\$0.00	0.0000	97.56

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Kentucky Utilities All Divisions 350.10 TRANSMISSION LAND RIGHTS

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Observed Life Table

Retirement Expr. 1952 TO 2002 Placement Years 1921 TO 2000

	\$ Surviving At	\$ Retired	Retirement	% Surviving At
Age	Beginning of	During The	Ratio	Beginning of
Interval	Age Interval	Age Interval		Age Interval
36.5 - 37.5	\$10,351,393.29	\$0.00	0.00000	97.56
37.5 - 38.5	\$9,330,728.28	\$2,073.00	0.00022	97.56
38.5 - 39.5	\$9,328,119.72	\$288.00	0.00003	97.54
39.5 - 40.5	\$9,153,160.71	\$0.00	0.00000	97.53
40.5 - 41.5	\$9,152,800.07	\$0.00	0.00000	97.53
41.5 - 42.5	\$9,152,800.07	\$0.00	0.00000	97.53
42.5 - 43.5	\$8,922,529.87	\$0.00	0.00000	97.53
43.5 - 44.5	\$8,640,971.94	\$0.00	0.00000	97.53
44.5 - 45.5	\$8,591,778.39	\$0,00	0.00000	97.53
45.5 - 46.5	\$8,397,234.61	\$0.00	0.00000	97.53
46.5 - 47.5	\$7,533,825.93	\$0.00	0.00000	97.53
47.5 - 48.5	\$7,469,151.94	\$1,333.00	0.00018	97.53
48.5 - 49.5	\$7,445,119.68	\$643.00	0.00009	97.52
49.5 - 50,5	\$5,155,309.82	\$0.00	0.00000	97.51
50.5 - 51.5	\$5,154,631.01	\$0.00	0.0000	97.51
51.5 - 52.5	\$4,956,105.44	\$0.00	0.00000	97.51
52.5 - 53.5	\$4,956,105.44	\$0.00	0.00000	97.51
53.5 - 54.5	\$4,607,167.67	\$0.00	0.00000	97,51
54.5 - 55.5	\$4,365,791.54	\$0.00	0.00000	97.51
55,5 - 56,5	\$4,232,641.71	\$4,315.00	0.00102	97.51
56,5 - 57.5	\$4,228,326.71	\$0.00	0.00000	97.41
57.5 - 58.5	\$4,228,326.71	\$0.00	0.00000	97.41
58.5 - 59.5	\$4,228,326.71	\$0.00	0.00000	97.41
59.5 - 60.5	\$4,228,326.71	\$0.00	0.00000	97.41
60.5 - 61.5	\$2,404,884.53	\$1,089.00	0.00045	97.41
61.5 - 62.5	\$26,228.00	\$0.00	0.00000	97.37
62.5 - 63.5	\$26,228.00	\$0.00	0.00000	97.37
63.5 - 64.5	\$26,228.00	\$0.00	0.00000	97.37
64.5 - 65.5	\$26,228.00	\$0.00	0.00000	97.37
65.5 - 66.5	\$26,228.00	\$0.00	0,00000	97.37
66.5 - 67.5	\$0.00	\$0.00	0.00000	97.37
67.5 - 68.5	\$0.00	\$0.00	0.00000	97.37
68.5 - 69.5	\$0.00	\$0.00	0.00000	97.37
69.5 - 70.5	\$0.00	\$0.00	0.00000	97.37
70.5 - 71.5	\$0.00	\$0.00	0.00000	97.37
71.5 - 72.5	\$0.00	\$0.00	0.00000	97.37
72.5 - 73.5	\$0.00	\$0.00	0.0000	97.37