BEFORE THE PUBLIC SERVICE COMMISSION

STATE OF MISSOURI

TRANSCRIPT OF PROCEEDINGS

HEARING

FILED

July 11, 2002

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Jefferson City, Missouri

Missouri Public Service Commission

VS.

Volume 3

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JAN 2 3 2004

Missouri Public Service Commission

Staff of the Missouri	Public
Service Commission,	
Complainant,	
1	

Case No. EC-2002-1

Union Electric Company, d/b/a AmerenUE,

)

Respondent.

Exhibit No. 124

Case No(s). W(2003-0500

Date 12-22-03 Rptr 14

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spherion.

page 7 of Exhibit 1 beginning at line 16. Depreciation refers to the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which can reasonably -- be reasonably anticipated or contemplated against which the company is not protected by insurance.

Among the causes to be given consideration are wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and requirements of public authorities.

- Q. And how do you go about estimating or prescribing depreciation rates?
- A. Well, I only estimate depreciation rates. I go about it by determining first the service value of plant, because depreciation is the loss in service value. I determine service value by estimating the net salvage at retirement related to the plant currently in service in order to be able to deduct that net salvage from original cost in determining service value.

I determine the net salvage amounts by analyzing historical indications of net salvage as a percent of the property being retired, by considering the age at which the property has been retired historically as compared to the ages at which it will be retired in the future, and

Having determined the service value, I then estimate the service life over which the service value is to be allocated. I estimate the service life by analyzing those same historical retirements for the ages at which they were retired using the retirement rate method. This provides me with indications both of average service life and service life dispersion.

I have discussions with utility management regarding their outlook for that property and the extent to which they believe the future forces of retirement will be the same or different from past causes of retirement. I then, again, benchmark the results of those considerations against the estimates made by other electric utilities in arriving at my final estimate of service life.

Finally, in order to calculate the depreciation rate based on those parameters, I determine the group procedure and basis for use, typically using the precedent of the jurisdiction in which I am making the estimation for. And then calculate the annual accrual rate, incorporating the parameters, the original costs and the accumulated provision for depreciation for books in the calculation.

Q. By way of shorthand or summary, you first

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1	INDEX	
}	•	
2	Opening Statement by Mr. Dottheim Opening Statement by Mr. Coffman	106 121
3	Opening Statement by Mr. Johnson Opening Statement by Ms. Vuylsteke	133 134
4	Opening Statement by Mr. Molteni	138
5	Opening Statement by Mr. Pendergast Opening Statement by Mr. Fulton	141 143
	Opening Statement by Mr. Fischer	144
6		}
7	AMERENUE'S EVIDENCE	}
8	WILLIAM M. STOUT	}
9	Direct Examination by Mr. Byrne Cross-Examination by Mr. Fulton	152 153
10	Cross-Examination by Ms. Vuylesteke Cross-Examination by Mr. Schwarz	154 157
}	Questions by Chair Simmons	202
11	Questions by Commissioner Murray Questions by Commissioner Lumpe	205 213
12	Questions by Commissioner Gaw	220
13	Questions by Commissioner Forbis Further Questions by Commissioner Murray	230 231
14	Further Questions by Commissioner Lumpe Redirect Examination by Mr. Byrne	232 238
	Redirect Examination by Mr. Byrne	250
15	STAFF'S EVIDENCE	
16	RONALD L. BIBLE	
17	Direct Examination by Mr. Williams	246
18	Cross-Examination by Mr. Cynkar	251
19		}
20		}
21		
22		
23		ļ
24		1
25		
	300	{
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