

Exhibit No .: Issue(s):

Updated Class Cost of Service/

Rate Design

Witness/Type of Exhibit: Sponsoring Party:

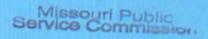
Case No .:

Meisenheimer/Direct Public Counsel ER-2004-0570

DIRECT TESTIMONY



OF



BARBARA A. MEISENHEIMER

Submitted on Behalf of the Office of the Public Counsel

THE EMPIRE DISTRICT ELECTRIC COMPANY CASE NO. ER-2004-0570 (Rate Design)

October 4, 2004

Case No(s) F-2-2001-0576
Data 2-Ch-0) Aptr 44

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of the tariff filing of The Empire)	
District Electric Company to implement a)	
general rate increase for retail electric service)	Case No. ER-2004-0570
provided to customers in its Missouri service area.)	

AFFIDAVIT OF BARBARA A. MEISENHEIMER

STATE OF MISSOURI)	
)	SS
COUNTY OF COLE)	

Barbara A. Meisenheimer, of lawful age and being first duly sworn, deposes and states:

- 1. My name is Barbara A. Meisenheimer. I am Chief Utility Economist for the Office of the Public Counsel.
- 2. Attached hereto and made a part hereof for all purposes is my direct testimony consisting of pages 1 through 7 and Schedules 1 through 2.
- 3. I hereby swear and affirm that my statements contained in the attached testimony are true and correct to the best of my knowledge and belief.

Barbara A. Meisenheimer

Subscribed and sworn to me this 4th day of October 2004.

KATHLEEN HARRISON
Notary Public = State of Missouri
County of Cole
My Commission Expires Jan. 31, 2006

Kathleen Harrison Notary Public

My Commission expires January 31, 2006.

1		DIRECT TESTIMONY
2		OF
3		BARBARA MEISENHEIMER
4		CASE NO. ER-2004-0570
5		EMPIRE DISTRICT ELECTRIC COMPANY
6		
7	I.	INTRODUCTION
8	Q.	PLEASE STATE YOUR NAME, TITLE, AND BUSINESS ADDRESS.
9	A.	Barbara A. Meisenheimer, Chief Utility Economist, Office of the Public Counsel
10		(OPC or Public Counsel), P. O. Box 2230, Jefferson City, Missouri 65102. I am
11		also employed as an adjunct Economics Instructor for William Woods University.
12	Q.	HAVE YOU TESTIFIED PREVIOUSLY IN THIS CASE?
13	A.	Yes, I filed direct testimony regarding revenue requirement issues on September
14		20, 2004, and an initial cost study and associated inter-class rate design testimony
15		on September 27, 2004.
16	Q.	WHAT IS THE PURPOSE OF YOUR TESTIMONY?
17	A.	The purpose of my supplemental direct testimony is to present updated Public
18		Counsel's Class Cost of Service (CCOS) study results and updated inter-class
19	,	class rate design recommendations. Based on the updated study results, I will
20		also address intra-class rate design issues.

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Q. WHAT COST AND REVENUE DATA DID YOU USE IN PREPARING YOUR PREVIOUSLY FILED CCOS STUDY?

A. My September 27, 2004, CCOS study utilized accounting and other data produced by the Missouri Public Service Commission Staff (Staff). Traditionally, Public Counsel has used similar information provided by the Staff in preparing our CCOS studies. As part of the information provided, Staff developed for its own use an EMS run that assumed a natural gas price of approx. \$3.20. At that time, it was the best information available to our office. However, in this case, the Staff and Public Counsel have significantly different positions on the level of natural gas cost to include in base rates. Public Counsel witness James Busch recommends that the natural gas price that should be used in developing cost estimates should be approximately \$4.59. Following the filing of my initial CCOS testimony, on October 1, 2004, the Staff completed for Public Counsel's use, a new EMS run based on Mr. Busch's proposed \$4.59 natural gas price. A portion of the testimony I present below is based on the October 1, 2004, EMS run that Staff prepared for Public Counsel's use.

Q. Q. DO YOUR UPDATED STUDY RESULTS REFLECT ADDITIONAL ADJUSTMENTS

THAT PUBLIC COUNSEL PROPOSES OTHER THAN USING A \$4.59 NATURAL GAS

PRICE TO ESTIMATE COSTS?

A. Yes, in our original CCOS study, we also incorporated adjustments to the revenue and cost data to better reflect Public Counsel's witness' positions on rate of return, depreciation and accounting adjustments. For this testimony, I have

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prepared two CCOS studies. The first is based on the October 1, 2004, EMS run performed by Staff that reflects a natural gas price of \$4.59 with no additional adjustments. The second also uses October 1, 2004, EMS run performed by Staff that reflects a natural gas price of \$4.59 but reflects additional adjustments based on Public Counsel witness' recommendations for depreciation and rate of return.

II. <u>UPDATED CLASS COST OF SERVICE STUDY RESULTS</u>

- Q. ARE YOUR ALLOCATION METHODS AND CHOICE OF CUSTOMER CLASSES CONSISTENT WITH THOSE USED IN YOUR PREVIOUS CCOS STUDY?
- A. Yes, they are. In preparation of this testimony, I utilized the same allocation methodologies and customer classes as were used in my previous study. For a description of the allocation methods, please see my direct testimony filed September 27, 2004.
- Q. PLEASE DESCRIBE THE RESULTS OF YOUR FIRST UPDATED CLASS COST OF SERVICE STUDY.
- A. Schedule BAM Updated RD DIR-1.1 shows the results of the first Class Cost Of Service Study. This study is based on the October 1, 2004 Staff EMS run that reflects a natural gas price of \$4.59.

Schedule BAM Updated RD DIR-1.1, line 18, shows that on a revenue neutral basis, the Residential and SGS classes are providing a rate of return above the system average return while the LGS, Special Contract (Praxair), Large Power and Other classes are providing lower rates of return than the system-wide

average. Line 35 of Schedule BAM RD DIR-1.1 shows the revenue shifts that would be needed to equalize class rates of return. Line 36 of Schedule BAM Updated RD DIR-1.1 shows the percentage by which rate revenues in each class would have to change in order to make all customer class' rates of return equal to the company's overall rate of return. This information from lines 18, 35 and 36 of Schedule BAM RD DIR-1.1 is summarized below in Table 1.

- Q. PLEASE DESCRIBE THE RESULTS OF YOUR SECOND UPDATED CLASS COST OF SERVICE STUDY.
- A. Schedule BAM Updated RD DIR-2.1 shows the results of the second Class Cost Of Service Study. This study is based on the October 1, 2004 Staff EMS run that reflects a natural gas price of \$4.59. It also reflects adjustments to rate of return proposed by Public Counsel witness Travis Allen and the depreciation adjustments proposed by Public Counsel witness Michael Majoros.

Schedule BAM Updated RD DIR-2.1 illustrates that the conclusions from the second CCOS are similar to the results of the first study on a revenue neutral basis. On a revenue neutral basis, the Residential and SGS classes are providing a rate of return above the system average return while the LGS, Special Contract (Praxair), Large Power and Other classes are providing lower rates of return than the system-wide average. Information from lines 18, 35 and 36 of Schedule BAM RD DIR-2.1 is summarized below in Table 1.

Table 1 – COS Indicated Revenue Neutral Class Revenue Shifts

	TOTAL	Resid <i>e</i> ntial	SGS (Commercial , Small Heating & Feed Mill)	(Gen Power &	Special Large Contract Power (Praxair)		Other (Elec Furnace, Misc, & Ltg)			
		_	First	CCOS						
		(The 1	esults reflect a n	atural gas price	e of \$4.59.)	, -				
Class Rate of Return	7.28%	7.88	% 11.32%	7.199	-8.79%	3.02%	4.23%			
Revenue Neutral Shift	1	(1,549,33	7) (2,840,934	169,56	868,275	2,950,69	2 401,745			
% 0.00% -1.38% -9.07% 0.27% 35.86% 9.65% 9.31%										
Second CCOS										
	(The resu	lts reflect a na	tural gas price of	\$4.59, deprec	iation and RO	R adjustmen	ts.)			
Class Rate of Return	7.17%	7.80	% 11.109	7.08	-8.92%	2.91%	4.18%			
Revenue Neutral Shift	!	(1,592,50	6) (2,759,544	164,52	25 863,604	2,916,89	5 407,026			
%	0.009	√o -1.42	-8.81	% 0.26	% 35.67%	9.549	9.43%			

III. RATE DESIGN RECOMMENDATIONS

Q. WHAT RATE DESIGN DO YOU RECOMMEND?

A. Based on the second Class Cost Of Service Study results, which reflect depreciation and ROR adjustments, I recommend the same methodology for establishing inter-class shifts as described in my September 27, 2004, direct testimony. Generally, I recommend that the Commission adopt a rate design that balances movement toward cost of service with rate impact and affordability considerations. The Commission should impose, at a maximum, class revenue shifts equal to one half of the "revenue neutral shifts" indicated by Public

Counsel's class cost of service study. Revenue neutral shifts are shifts that hold overall company revenue at the existing level but allow for the share attributed to each class to be adjusted to reflect the cost responsibility of the class. In addition to moving half way to the revenue neutral shifts, I recommend that if the Commission determines that an overall increase in revenue requirement is necessary, then no customer class should receive a net decrease as the combined result of: (1) the revenue neutral shift that is applied to that class, and (2) the share of the total revenue increase that is applied to that class. Likewise, if the Commission determines that an overall decrease in revenue requirement is necessary, then no customer class should receive a net increase as the combined result of: (1) the revenue neutral shift that is applied to that class, and (2) the share of the total revenue neutral shift that is applied to that class, and (2) the share of the total revenue decrease that is applied to that class.

- Q. HAVE YOU ILLUSTRATED THE CLASS RECOVERY YOU WOULD RECOMMEND BASED ON THE SECOND COST STUDY RESULTS SHOWN IN TABLE 1?
 - A. Yes, Schedule BAM RD DIR-2.2 shows the result of applying Public Counsel's recommended method for determining class revenue requirements at two different levels of revenue requirement increase (approx. \$7 million and \$10 million). The final results of applying Public Counsel's method appear in lines 26 through 32 of Schedule BAM RD DIR-2.2.
- Q. WHAT ARE THE CUSTOMER-RELATED COSTS THAT ARE ATTRIBUTABLE TO THE TYPICAL RESIDENTIAL CUSTOMER?
- A. My analysis estimates the customer-related costs ranging from \$11.53-\$11.61.

1 Q. DO YOU RECOMMEND CHANGES TO INTRA-CLASS RESIDENTIAL AND SGS RATE 2 STRUCTURES?

A. I would recommend that the customer charge and volumetric rates increase in equal percentages to reach the class revenue requirement with the condition that any customer charge increase be capped at \$1.00 to achieve the class revenue requirement.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes.

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1 O & M EXPENSES 2 DEPREC. & AMORT. EXPENSE 3 TAXES 2 14,974,170 3 TAXES 2 24,165,445 4 5 TOTAL EXPENSES AND TAXES 2 14,536,703 6 7 CURRENT RATE REVENUE 8 OFFSETTING REVENUES: 14,244,773 0 **Adj to eliminate El Furnace 9 Reveue Credits 10 11 Total Offsetting Revenues 11,901,861 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 10 13	73,406,390 11,363,883 11,500,802 96,271,075 112,292,660 6,473,856 6,477,475 0	18,330,869 3,737,037 2,854,986 24,922,892 31,316,710 1,616,846 1,617,750	44,045,963 6,114,994 6,165,970 56,326,926 63,894,793 3,739,537 3,741,627	2,332,074 191,875 208,776 2,732,726 2,421,236 172,250	25,004,088 2,631,211 2,761,024 30,396,322 30,585,036	2,337,704 875,170 673,887 3,886,762
3 TAXES 24,165,445 4 5 TOTAL EXPENSES AND TAXES 214,536,703 6 7 CURRENT RATE REVENUE 244,826,669 8 OFFSETTING REVENUES: 14,244,773 0 "Adj to eliminate El Furnace 0 9 Reveue Credits (342,912) 10 11 Total Offsetting Revenues 13,901,861 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00%	11,500,802 96,271,075 112,292,660 6,473,856 6,477,475 0	2,854,986 24,922,892 31,316,710 1,616,846 1,617,750	6,165,970 56,326,926 63,894,793 3,739,537 3,741,627	208,776 2,732,726 2,421,236	2,761,024 30,396,322 30,585,036	673,887 3,886,762
6 7 CURRENT RATE REVENUE 244,826,669 8 OFFSETTING REVENUES: 14,244,773 0 **Adj to eliminate El Furnace 0 9 Reveue Credits (342,912) 10 11 Total Offsetting Revenues 13,901,861 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00%	112,292,660 6,473,856 6,477,475 0	31,316,710 1,616,846 1,617,750	63,894,793 3,739,537 3,741,627	2,421,236	30,585,036	
8 OFFSETTING REVENUES: 14,244,773 0 **AdJ to eliminate El Furnace 0 9 Reveue Credits (342,912) 10 11 Total Offsetting Revenues 13,901,861 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00%	6,473,856 6,477,475 0	1,616,846 1,617,750	3,739,537 3,741,627			
0 **AdJ to eliminate El Furnace 0 9 Reveue Credits (342,912) 10 11 Total Offsetting Revenues 13,901,961 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00%	6,477,475 0	1,617,750	3,741,627	172,250		4,316,234
9 Reveue Credits (342,912) 10 11 Total Offsetting Revenues 13,901,361 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00%	0			470 747	1,960,351	281,933
10 11 Total Offsetting Revenues 13,901,861 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00% 13	•	U		172,347	1,961,447	274,129
11 Total Offsetting Revenues 13,901,861 12 11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00% 13	6,477,475		0	(342,912)	U	U
11 TOTAL CURRENT REVENUE 258,728,530 12 CLASS % OF CURRENT REVENUE 100.00% 13		1,617,750	3,741,627	(170,565)	1,961,447	274,129
12 CLASS % OF CURRENT REVENUE 100.00%	118,770,135	32,934,460	67,636,420	2,250,671	32,546,483	4,590,363
	45.91%	12.73%	26.14%	0,87%	12.58%	1.77%
14 OPERATING INCOME 44,191,827	22,499,060	8,011,568	11,309,494	(482,055)	2,150,161	703,601
15 16 TOTAL RATE BASE 607,082,229	285,696,288	70,778,217	157,358,415	5,485,469	71,148,232	16,615,608
17 18 IMPLICIT RATE OF RETURN 7.28%	7.88%	11,32%	7.19%	-8.79%	3.02%	4.23%
19	7.0070	11.3276		0.7370	3.0270	4.2370
20 OPC RECOMMENDED RATE OF RETURN 8.09% 21	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%
22 REQUIRED OPERATING INCOME						
23 Equalized (OPC) Rates of Return 49,112,952	23,112,830	5,725,958	12,730,296	443,774	5,755,892	1,344,203
24 263,649,655	119,383,905	30,648,850	69,057,222	3,176,500	36,152,214	5,230,964
25 TOTAL COST OF SERVICE Adj to eliminate El Furnace 263,649,655	119,450,386	30,665,917	69,095,677	3,178,269	36,172,346	5,087,059
26 CLASS % of COS 100.00%	45.31%	11.63%	26.21%	1.21%	13.72%	1.93%
27 28 Allocation of difference between						
29 current revenue and recommended revenue 4,921,125	2,229,589	572,391	1,289,698	59,324	675,17 1	94,952
30 MARGIN REVENUE REQUIRED 0	0	0	0	0	0	9-1552
31 to Equalize Class ROR - Revenue Neutral 258,728,530	117,220,797	30,093,526	67,805,979	3,118,946	35,497,175	4,992,107
32						
33 COS LESS OFFSETTING REVENUES 244,826,669	110,743,323	28,475,776	64,064,353	3,289,511	33,535,728	4,717,979
35 COS INDICATED REVENUE NEUTRAL SHIFT (O)	(1,549,337)	(2,840,934)	169,560	868,275	2,950,692	401,745
36 % REVENUE NEUTRAL CLASS SHIFT 0.00%	-1.38%	-9.07%	0.27%	35.86%	9.65%	9.31%
37 CLASS % OF REVENUE AFTER REVENUE SHIFT 100.00%	45.23%	11.63%	26.17%	1,34%	J. J J/U	J.3170

OPC Rate Design Summar	ł۲۷
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10/4/2004	TOTAL	Residential	SGS	LGS	Special Contract	Large Power	Other
			(Commercial,Small Heating & FM)	(Gen Power & TEB)	(Praxair)		(EF*, Misc, & Ltg)
1 Revenue Neutral Shifts (RNS) to Equalize Class ROR	(0)	(1,549,337)	(2,840,934)	169,560	868,275	2,950,692	401,745
2 Percentage Revenue Change to Equalize Class ROR	0.00%	-1.38%	-9.07%	0.27%	35.86%	9.65%	9.31%
3 COS Indicated Class Revenue Percentages 5	100.00%	45,23%	11.63%	26.17%	. 1.34%	13.70%	1.93%
6 Current Class Revenue Percentages 8	100.00%	45.91%	12.73%	26.14%	0.87%	12.58%	1.77%
9 OPC's Recommended Revenue Neutral Shifts	(0)	(774,669)	(1,420,467)	84,780	434,137	1,475,346	200,872
10 OPC's Recommended Revenue Neutral % Shifts	0.00%	-0.69%	-18.47%	0.35%	17.93%	4.82%	-0.21%
11 OPC's Recommended Total Revenue Percentages 12	100.00%	45.55%	12,21%	26.13%	1.17%	13.10%	1.85%
13 Spread of Revenue Requirement Increases							
14 Approx. 5M Change In Revenue Requirement	4,921,125	2,241,561	600,928	1,286,018	57,394	644,428	90,796
15 Approx. 7M Change In Revenue Requirement	7,000,000	3,188,484	854,783	1,829,282	81,640	916,659	129,152
16 At Current Revenues	0	0	0	0	0	0	0
17							
18 Combined Impact of Revenue Increase and OPC's RNS							
19 Approx. 5M Change In Revenue Requirement	4,921,125	1,466,893	(819,539)	1,370,798	491,532	2,119,774	291,668
20 Approx. 7M Change In Revenue Requirement	7,000,000	2,413,815	(565,684)	1,914,062	515,777	2,392,006	330,024
21 At Current Revenues	0	(774,669)	(1,420,467)	84,780	434,137	1,475,346	200,872
22							
23							
24 <u>COMBINED IMPACT ADJUSTED SO THAT NO CLASS RECEIVES</u> 25	NET DECREASE						
26 Approx, 5M Change In Revenue Requirement	4,921,125	1,014,944	49,966	1,111,508	479,960	1,989,843	274,904
27 Percentage Change From Current Revenue	1.90%	0.39%	0.19%	28.49%	0.00%	1973.66%	583.95%
28 Class Percentage Of Total Revenue	100.00%	45.43%	12.51%	26.08%	1.04%	13.10%	1.85%
29							
30 Approx.7M Change in Revenue Requirement	7,000,000	2,065,341	104,796	1,714,137	506,855	2,291,822	317,049
31 Percentage Change From Current Revenue	2.71%	0.80%	0.39%	43,48%	0.00%	2273.18%	673,48%
32 Class Percentage Of Total Revenue	100.00%	45.47%	12.43%	26.10%	1.04%	13,11%	1.85%

10/4/2004	TOTAL	Residential	SGS (Commercial, Small Heating, FM)	LGS (Gen Power & TEB)	Special Contract (Praxair)	Large Power	Other (El Furnace*, Misc, & Ltg)
O & M EXPENSES	165,457,088	73,406,716	18,330,773	44,046,548	2,331,923	25,003,239	2,337,890
DEPREC. & AMORT, EXPENSE TAXES	24,672,301 25,063,382	11,170,510 11,923,391	3,791,626 2,959,670	6,052,577 6,398,745	190,818 216,883	2,607,367 2,866,221	859,402 698,472
TOTAL EXPENSES AND TAXES	215,192,771	96,500,617	25,082,069	56,497,871	2,739,624	30.476.827	3,895,763
The state of the s	210,102,111	**,*		, ,	•	, ,	•
CURRENT RATE REVENUE	244,826,669	112,292,660	31,316,710	63,894,793	2,421,236	30,585,036	4,316,234
OFFSETTING REVENUES:	14,244,773	6,474,277	1,616,723	3,740,291	172,055	1,959,256	282,171
**Adj to eliminate El Furnace	0	6,477,905	1,617,629	3,742,387	172,152	1,960,354	274,348
Reveue Credits	(342,912)	0	O	0	(342,912)	0	C
Total Offsetting Revenues	13,901,861	6,477,905	1,617,629	3,742,387	(170,760)	1,960,354	274,348
TOTAL CURRENT REVENUE	258,728,530	118,770,565	32,934,339	67.637.180	2,250,476	32,545,390	4,590,582
CLASS % OF CURRENT REVENUE	100.00%	45,91%	12.73%	26.14%	0.87%	12,58%	1.779
CLASS 76 OF CORRENT REVENUE	100.00%	43.5170	12.7376	20.1470	0.0770	12.3070	
OPERATING INCOME	43,535,759	22,269,948	7,852,270	11,139,309	(489,149)	2,068,563	694,818
TOTAL RATE BASE	606,918,800	285,619,588	70,759,101	157,316,431	5,483,894	71,128,530	16,611,255
IMPLICIT RATE OF RETURN	7,17%	7.80%	11.10%	7.08%	-8.92%	2.91%	4.18%
OPC RECOMMENDED RATE OF RETURN	8.31%	8.31%	8.31%	8.31%	8.31%	8.31%	8.31%
REQUIRED OPERATING INCOME							
Equalized (OPC) Rates of Return	50,434,952	23,734,988	5,880,081	13,072,995	455,712	5,910,781	1,380,395
	265,627,723	120,235,605	30,962,150	69,570,866	3,195,336	36,387,608	5,276,159
TOTAL COST OF SERVICE Adj to eliminate El Furnace	265,627,723	120,302,700	30,979,428	69,609,689	3,197,119	36,407,914	5,130,873
CLASS % of COS	100.00%	45.29%	11.66%	26.21%	1.20%	13.71%	1.939
Allocation of difference between							
current revenue and recommended revenue	6,899,193	3,124,642	804,634	1,807,984	83,039	945,629	133,265
MARGIN REVENUE REQUIRED	0	0	0	0	0	0	(
to Equalize Class ROR - Revenue Neutral	258,728,530	117,178,058	30,174,794	67,801,705	3,114,080	35,462,285	4,997,608
COS LESS OFFSETTING REVENUES	244,826,669	110,700,154	28,557,166	64,059,318	3,284,840	33,501,931	4,723,260
COS INDICATED REVENUE NEUTRAL SHIFT	0	(1,592,506)	(2,759,544)	164,525	863,604	2,916,895	407,026
% REVENUE NEUTRAL CLASS SHIFT	0.00%	-1.42%	-8.81%	0.26%	35.67%	9.54%	9.43%
CLASS % OF REVENUE AFTER REVENUE SHIFT	100.00%	45.22%	11.66%	26,17%	1.34%	13,68%	1.939

***The results reflect a natural gas price of \$4.59 in the Staff EMS run. The results also reflect OPC adjustments to depreciation and ROR.

10/4/2004	TOTAL	Residential	SGS (Commercial,Small Heating & FM)	LGS (Gen Power & TEB)	Special Contract (Praxair)	Large Power	Other (EF*, Misc, & Ltg)
Revenue Neutral Shifts (RNS) to Equalize Class ROR	0	(1,592,506)	(2,759,544)	164,525	863,604	2,916,895	407,026
Percentage Revenue Change to Equalize Class ROR	0.00%	·1.42%	-8.81%	0.26%	35.67%	9.54%	9.439
COS Indicated Class Revenue Percentages	100.00%	45.22%	11.66%	26.17%	1.34%	13.68%	1.939
Current Class Revenue Percentages	100.00%	45.91%	12.73%	26.14%	0.87%	12.58%	1.77%
OPC's Recommended Revenue Neutral Shifts	0	(796,253)	(1,379,772)	82,263	431,802	1,458,447	203,513
OPC's Recommended Revenue Neutral % Shifts	0.00%	-0.71%	-18.19%	0.34%	17.83%	4.77%	0.07%
OPC's Recommended Total Revenue Percentages	100.00%	45,54%	12,23%	26.13%	1.17%	13.09%	1.85%
Spread of Revenue Requirement Increases			047.000	4.000.000	00.700	000 000	407 700
Approx. 7M Change in Revenue Requirement	6,899,193	3,141,959	843,620	1,802,868 2,613,157	80,398 116,533	902,982	127,366 184,610
Approx.10M Change In Revenue Requirement	10,000,000	4,554,096	1,222,781	· · · · ·	(10,333	1,308,823 0	<u>-</u>
At Current Revenues	0	0	0	0	U	U	0
Combined Impact of Revenue Increase and OPC's RNS							
Approx. 7M Change in Revenue Requirement	6,899,193	2,345,705	(536,152)	1,885,130	512,200	2,361,430	330,879
Approx, 10M Change in Revenue Requirement	10,000,000	3,757,843	(156,991)	2,695,420	548,335	2,767,271	388,123
At Current Revenues	0	(796,253)	(1,379,772)	82,263	431,802	1,458,447	203,513
COMBINED IMPACT ADJUSTED SO THAT NO CLASS RECEIVES N	ET DECREASE						
Approx. 7M Change In Revenue Requirement	6,899,193	2,010,818	108,233	1,692,971	503,631	2,265,185	318,355
Percentage Change From Current Revenue	2.67%	0,78%	0.41%	42.95%	0.00%	2246.65%	676.29%
Class Percentage Of Total Revenue	100.00%	45.47%	12.44%	26.10%	1.04%	13.11%	1.85%
Approx. 10M Change In Revenue Requirement	10,000,000	3,577,519	190,100	2,591,949	543,721	2,715,447	381,264
Percentage Change From Current Revenue	3.87%	1.38%	0.71%	65.30%	0.00%	2693.23%	809.93%
Class Percentage Of Total Revenue	100.00%	45.53%	12,33%	26.13%	1.04%	13.12%	1.85%