

The Empire District Electric Company
Comparative and Summary Information

Section C
Schedule 1
04/21/2004

1. Total test year revenues at existing rates	\$258,317,817
2. Total test year revenues at proposed rates	\$310,703,706
3. Percentage change in revenues	20.28%
4. Test year rate base	\$611,396,947
Rate base on which existing rates were set	
5. (as filed in case no. ER-2001-99)	\$507,776,832
Return on rate base during the test year	
6. under existing rates	4.26%
7. Return on rate base under proposed rates	9.54%
Return on equity during the test year	
8. under existing rates	1.19%
9. Return on equity under proposed rates	11.65%
Total operating expenses on which existing rates	
10. were set (as filed in case no. ER-2001-99)	\$190,934,339
11. Total operating expenses under proposed rates	\$232,266,214

The Empire District Electric Company

Rate Base and Rate of Return

Section D
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	A Missouri <u>Jurisdictional</u>	<u>Reference</u>
1. Electric Plant in Service	\$1,010,777,687	E-1
2. Less: Reserve for Depreciation	<u>330,209,957</u>	F-1
3. Net Electric Plant in Service	680,567,730	
4. Materials and Supplies (13-Month Average) Regulatory Asset	23,325,081	G-1
5. Prepayments (13-Month Average)	1,776,607	G-1
6. Cash Working Capital	(494,303)	G-2
Less:		
7. Injuries and Damages	1,186,544	
8. Liberalized Depreciation	83,967,207	M-2
9. Investment Tax Credit - Pre-1971	0	M-2
10. Customer Deposits	4,674,352	M-2
11. Customer Advances	972,197	
12. Interest Offset	3,530,588	G-4
13. Income Tax Offset	<u>(552,721)</u>	G-4
14. Total Original Cost Rate Base	\$611,396,947	
Net Electric Operating Income		
15. Before Effect of Proposed Increase	\$26,051,602	J-1
Indicated Rate of Return Before		
16. Proposed Increase	4.26%	
17. Proposed Increase (After Taxes)	\$32,275,666	
18. Income Tax Gross-up Factor	1.62308	
19. Proposed Increase (Revenue Requirement)	\$52,385,889	
Net Electric Operating Income		
20. After Effect of Proposed Increase	\$58,327,269	
Indicated Rate of Return After		
21. Effect of Proposed Increase	9.54%	H-1

The Empire District Electric Company
Electric Plant in Service
by Primary Plant Account

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ACCOUNT		A	B	C	D	E	F
Number	Name	31-Dec-02 Total Company	Missouri Jurisdictional	31-Dec-03 Total Company	Adjustments*	Pro Forma	Missouri Jurisdictional
301	Intangible Plant Organization	\$7,622,196	\$6,475,452	\$7,622,196		\$7,622,196	\$6,475,452
	Production Plant						
310	Steam Production Plant	907,690	744,803	907,690		907,690	744,803
311	Land and LI and Rights	21,939,876	18,002,726	22,035,712		22,035,712	18,081,364
312	Structures and Improvements	119,163,403	97,779,317	119,426,831		119,426,831	97,995,472
312	Boiler Plant and Equipment	4,290,373	3,520,458	5,468,661		5,568,661	4,585,766
314	Unit Coal Trains	35,648,073	29,250,963	35,806,516		35,806,516	29,380,973
315	Turbo Generator Units	11,270,664	9,248,123	11,337,901		11,337,901	9,303,294
315	Accessory Electric Equipment						
316	Miscellaneous Power Plant Equipment	<u>4,636,117</u>	<u>2,983,609</u>	<u>3,534,040</u>		<u>3,534,040</u>	<u>2,899,850</u>
	Total Steam Production Plant	196,856,197	161,529,999	198,637,349	0	198,637,349	162,991,521
	Hydraulic Production Plant						
330	Land and LI and Rights	224,490	184,205	224,480		224,480	184,196
331	Structures and Improvements	503,584	413,215	556,389		556,389	456,544
332	Reservoirs, Dams and Waterways	1,448,354	1,188,444	1,435,118		1,435,118	1,177,584
333	Water Wheels, Turbines & Generators	752,254	617,261	1,065,736		1,065,736	874,488
334	Accessory Electric Equipment	887,222	729,008	812,324		812,324	666,551
335	Miscellaneous Power Plant Equipment	<u>323,608</u>	<u>265,536</u>	<u>329,076</u>		<u>329,076</u>	<u>266,741</u>
	Total Hydraulic Production Plant	4,139,511	3,396,669	4,419,123	0	4,419,123	3,626,103
	Other Production Plant						
340	Land and LI and Rights	451,554	370,522	451,651		451,651	370,601
341	Structures and Improvements	13,407,707	11,001,670	14,484,094		14,484,094	11,884,897
342	Fuel Holders, Producers & Accessories	12,468,038	10,230,626	12,501,582		12,501,582	10,258,151
343	Prime Movers	162,951,225	133,709,335	162,458,051		162,458,051	133,304,663
344	Generators	39,718,274	32,590,758	79,930,797		79,930,797	65,587,072
345	Accessory Electric Equipment	12,201,933	10,012,274	14,386,131		14,386,131	11,804,514
346	Miscellaneous Power Plant Equipment	<u>1,470,976</u>	<u>1,207,007</u>	<u>13,806,860</u>		<u>13,806,860</u>	<u>11,329,194</u>
	Total Other Production Plant	242,669,707	199,122,193	298,019,166	0	298,019,166	244,539,092
	Total Production Plant	443,665,415	364,048,861	501,075,638	0	501,075,638	411,156,716
	Transmission Plant						
340	Land and Land Rights	8,481,452	6,959,440	8,677,558		8,677,558	7,120,354
352	Structures and Improvements	2,335,614	1,916,484	2,335,614		2,335,614	1,916,484
353	Station Equipment	79,195,625	64,983,828	81,203,750		81,203,750	66,631,591
354	Towers and Fixtures	777,080	637,631	777,080		777,080	637,631
355	Poles and Fixtures	27,601,798	22,648,605	26,516,189		26,516,189	21,757,811
356	Overhead Conductors and Devices	<u>44,372,817</u>	<u>36,410,036</u>	<u>50,765,895</u>		<u>50,765,895</u>	<u>41,655,864</u>
	Total Transmission Plant	162,764,386	133,556,025	170,276,085	0	170,276,085	139,719,736

The Empire District Electric Company

Electric Plant in Service
by Primary Plant Account

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Number	ACCOUNT Name	A		B		C		D	E		F
		31-Dec-02 Total Company	Missouri Jurisdictional	31-Dec-02 Total Company	Missouri Jurisdictional	31-Dec-03 Total Company	Missouri Jurisdictional		Pro Forma	Pro Forma	
	Distribution Plant										
360	Land and Land Rights	1,611,616	1,437,506	1,611,606	1,437,506	1,611,606	1,437,497		1,611,606	1,437,497	
361	Structures and Improvements	8,910,974	7,948,279	9,001,255	7,948,279	9,001,255	8,028,807		9,001,255	8,028,807	
362	Station Equipment	55,355,426	49,375,118	58,177,178	49,375,118	58,177,178	51,892,024		58,177,178	51,892,024	
364	Poles, Towers and Fixtures	84,901,110	75,728,844	89,549,034	75,728,844	89,549,034	79,874,631		89,549,034	79,874,631	
365	Overhead Conductors and Devices	96,988,083	86,510,004	102,680,119	86,510,004	102,680,119	91,587,102		102,680,119	91,587,102	
366	Underground Conduit	15,001,913	13,381,186	15,763,257	13,381,186	15,763,257	14,060,278		15,763,257	14,060,278	
367	Underground Conductors and Devices	31,759,494	28,328,367	33,337,407	28,328,367	33,337,407	29,735,810		33,337,407	29,735,810	
368	Line Transformers	63,081,763	56,266,743	66,324,437	56,266,743	66,324,437	59,159,096		66,324,437	59,159,096	
369	Services	42,351,505	37,776,072	45,193,257	37,776,072	45,193,257	40,310,816		45,193,257	40,310,816	
370	Meters	14,226,880	12,689,883	15,118,301	12,689,883	15,118,301	13,485,000		15,118,301	13,485,000	
371	Installations on Customers' Premises	11,722,401	10,455,975	12,250,215	10,455,975	12,250,215	10,926,766		12,250,215	10,926,766	
373	Street Lighting and Signal Systems	9,722,641	8,672,258	10,089,942	8,672,258	10,089,942	8,999,878		10,089,942	8,999,878	
	Total Distribution Plant	435,633,806	388,570,235	459,096,010	388,570,235	459,096,010	409,497,706	0	459,096,010	409,497,706	
	General Plant										
101	Capital Lease	815,081		815,081		815,081	692,454		815,081	692,454	
389	Land and Land Rights	696,217	591,472	691,217	591,472	691,217	587,225		691,217	587,225	
390	Structures and Improvements	9,313,752	7,912,516	9,228,595	7,912,516	9,228,595	7,840,172		9,228,595	7,840,172	
391	Office Furniture and Equipment	7,622,304	6,475,544	10,869,222	6,475,544	10,869,222	9,233,970		10,869,222	9,233,970	
392	Transportation Equipment	6,239,829	5,301,059	6,284,688	5,301,059	6,284,688	5,339,169		6,284,688	5,339,169	
393	Stores Equipment	335,977	285,430	343,778	285,430	343,778	292,057		343,778	292,057	
394	Tools, Shop and Garage Equipment	3,023,862	2,568,928	2,871,990	2,568,928	2,871,990	2,439,905		2,871,990	2,439,905	
395	Laboratory Equipment	880,712	748,211	886,386	748,211	886,386	753,031		886,386	753,031	
396	Power Operated Equipment	9,816,680	8,339,780	9,359,422	8,339,780	9,359,422	7,951,316		9,359,422	7,951,316	
397	Communication Equipment	10,212,420	8,675,982	10,127,777	8,675,982	10,127,777	8,604,074		10,127,777	8,604,074	
398	Miscellaneous Equipment	185,275	157,401	229,185	157,401	229,185	194,704		229,185	194,704	
	Total General Plant	49,142,108	41,056,323	51,707,342	41,056,323	51,707,342	43,928,077		51,707,342	43,928,077	
	Total Electric Plant in Service	\$1,098,827,912	\$933,706,897	\$1,189,777,270	\$933,706,897	\$1,189,777,270	\$1,010,777,687	\$0	\$1,189,777,270	\$1,010,777,687	

The Empire District Electric Company
Accumulated Provision for Depreciation
of Electric Plant in Service

Section F
Schedule J
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Functional Group	A		B		C		D		E		F	
	31-Dec-02		31-Dec-03		31-Dec-03		Adjustments		Pro		Missouri	
	Total	Company	Total	Company	Total	Company	Adjustments		Forma		Jurisdictional	
Production:												
1. Steam	\$95,567,540		\$97,745,793		\$97,745,793		0		\$97,745,793		\$80,205,135	
2. Hydro	\$2,240,463		2,154,906		2,154,906		0		2,154,906		1,768,204	
3. Other	40,408,724		48,641,400		48,641,400		0		48,641,400		39,912,614	
4. Total Production	\$138,216,727		\$148,542,099		\$148,542,099		0		148,542,099		121,885,953	
5. Transmission	\$46,528,655		\$47,333,083		\$47,333,083		0		47,333,083		38,839,076	
6. Distribution	\$153,524,034		\$164,037,217		\$164,037,217		0		164,037,217		146,290,478	
7. General	\$21,984,424		\$23,489,663		\$23,489,663		0		23,489,663		19,955,691	
8. Amortization of Electric Plant	2,983,525		3,812,313		3,812,313		0		3,812,313		3,238,759	
9. Total	\$363,237,366		\$387,214,376		\$387,214,376		\$0		\$387,214,376		\$330,209,957	

The Empire District Electric Company

Working Capital

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	A	B
	Total	Missouri
	<u>Company</u>	<u>Jurisdictional</u>
Materials and Supplies (13-Month Average)		
Production:		
1. Fuel	\$10,886,390	\$8,972,399
2. Adjustments	0	0
3. Fuel Adjusted	10,886,390	8,972,399
4. Other Production Materials	8,631,782	7,082,793
5. Adjustments	0	0
6. Other Production Materials Adjusted	8,631,782	7,082,793
7. Total Production	19,518,172	16,055,192
8. Total Production Adjustments	0	0
9. Total Production Adjusted	19,518,172	16,055,192
10. Transmission and Distribution	8,065,343	7,194,006
11. Adjustments	0	0
12. Total Transmission and Distribution Adjusted	8,065,343	7,194,006
13. Clearing Account Materials	89,321	75,883
14. Total Materials and Supplies	27,672,836	23,325,081
15. Total Adjustments	0	0
16. Total Materials and Supplies Adjusted	\$27,672,836	\$23,325,081
Prepayments (13-Month Average)		
Prepaid Insurance:		
17. Boiler and Machinery Breakdown	\$777,256	\$660,319
18. Comprehensive Bond	10,778	9,157
19. P.B.G.C.	8,825	7,497
20. Auto Bodily Injury and Property Damage	69,632	59,156
21. Fixed and Nonfixed Property	20,124	17,096
22. Directors and Officers Liability	157,282	133,619
23. Excess Liability	264,676	224,856
24. Excess Workers Compensation	72,968	61,990
25. Total Prepaid Insurance	1,381,540	1,173,690
26. Other Prepayments	313,835	266,619
27. Prepaid Interest	34,323	29,159
28. Prepaid Fuel	361,530	307,139
29. Total Prepayments	2,091,228	1,776,607
30. Adjustments	0	0
31. Total Prepayments Adjusted	\$2,091,228	\$1,776,607

The Empire District Electric Company

Materials and Supplies Without Adjustments

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Date	A	B	C	D	E	F
	Fuel	Other Materials	Total	Transmission and Distribution	Clearing Account Materials	Total
December, 2002	11,977,752	8,621,151	20,598,902	7,396,824	67,886	28,063,612
January, 2003	12,092,539	8,561,230	20,653,769	7,298,861	167,852	28,120,483
February, 2003	11,833,473	8,601,444	20,434,917	7,213,611	155,469	27,803,997
March, 2003	11,775,627	8,618,115	20,393,743	7,395,387	139,467	27,928,597
April, 2003	12,053,361	8,618,332	20,671,693	7,396,218	125,208	28,193,119
May, 2003	12,376,560	8,612,005	20,988,565	7,834,344	104,299	28,927,208
June, 2003	12,630,319	8,605,963	21,236,282	8,720,982	96,326	30,053,591
July, 2003	11,820,172	8,672,506	20,492,678	8,551,028	80,022	29,123,728
August, 2003	9,356,510	8,689,262	18,045,771	8,397,653	70,965	26,514,389
September, 2003	9,113,192	8,709,670	17,822,862	8,522,195	58,344	26,403,402
October, 2003	9,037,943	8,642,635	17,680,578	8,724,854	39,044	26,444,475
November, 2003	8,818,655	8,634,316	17,452,971	8,722,092	19,498	26,194,561
December, 2003	8,636,967	8,676,535	17,263,501	8,675,407	36,795	25,975,703
13-Month Total	\$141,523,069	\$112,213,164	\$253,736,233	\$104,849,457	\$1,161,176	\$359,746,866
Average	\$10,886,390	\$8,631,782	\$19,518,172	\$8,065,343	\$89,321	\$27,672,836

The Empire District Electric Company
Prepayments with Adjustments

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Date	A	B	C	D	E	F	G	H	I
	Boiler and Machinery Breakdown	Comprehensive Bond	Various	Auto Bodily Injury and Property Damage	Fidelity Coverage Liability	Directors and Officers Liability	Excess Liability	Excess Workers Compensation	Total Prepayments
December, 2002	1,084,318	1,038	1,669	0	15,502	12,620	193,323	23,345	1,331,816
January, 2003	945,643	243	926	155,922	13,510	0	150,065	17,863	1,284,173
February, 2003	815,802	(1,167)	9,166	141,748	11,517	(15,719)	106,608	12,381	1,080,535
March, 2003	676,324	24,500	16,107	123,039	9,525	337,094	63,550	6,898	1,257,036
April, 2003	536,847	22,167	15,047	109,368	7,533	304,990	20,292	1,416	1,017,659
May, 2003	399,505	19,833	13,988	95,697	6,133	272,865	543,003	134,027	1,485,071
June, 2003	271,154	17,500	12,736	82,026	39,560	240,781	493,102	126,785	1,289,646
July, 2003	206,916	15,167	11,245	68,355	35,797	208,677	440,192	146,506	1,132,855
August, 2003	87,992	12,833	9,753	51,837	32,033	176,573	391,281	130,228	892,531
September, 2003	1,554,626	10,500	8,261	38,878	28,270	144,469	342,371	113,949	2,241,324
October, 2003	1,308,027	8,167	6,768	25,566	24,505	112,365	276,318	94,075	1,855,791
November, 2003	1,175,065	5,833	5,276	12,783	20,743	156,086	230,265	78,395	1,684,447
December, 2003	1,042,103	3,500	3,784	0	16,979	93,846	184,212	62,716	1,407,141
13 Month Total	\$10,104,323	\$140,115	\$114,728	\$905,217	\$261,609	\$2,044,666	\$3,440,783	\$948,585	\$17,960,025
Average	\$777,256	\$10,778	\$8,825	\$69,632	\$20,124	\$157,282	\$264,676	\$72,968	\$1,381,540

31-Dec-03

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Prepaid Interest

	A	B	C	D	E	F
Date		31-Dec-03				
December, 2002					140,613	20,566 49,844
January, 2003					173,603	24,288 2,194,460
February, 2003					157,818	18,786 (161,558)
March, 2003					142,032	32,181 264,951
April, 2003					495,205	34,408 251,432
May, 2003					463,378	40,192 250,058
June, 2003					431,551	74,655 96,826
July, 2003					399,724	56,692 242,820
August, 2003					367,897	40,673 292,227
September, 2003					336,070	52,594 250,671
October, 2003					304,243	32,006 437,687
November, 2003					272,416	13,938 298,549
December, 2003					395,300	5,216 231,928
13-Month Total					\$4,079,851	\$446,194 \$4,699,894
Average					\$313,835	\$34,323 \$361,530

The Empire District Electric Company

Cash Working Capital

Section G
Schedule 2
04/21/2004

Description	A Revenue Lag	B Expense Lag	C Cash Working Capital Lag	D Cash Working Capital Factor	E Normalized Test Year Expense	F Cash Working Capital Requirement
Fuel - Coal	35.0435	18.9386	16.1049	0.044123	23,515,375	1,037,569
Fuel - Gas	35.0435	36.3005	-1.2570	-0.003444	46,275,012	(159,364)
Fuel - Oil	35.0435	28.3766	6.6669	0.018265	140,378	2,564
Purchased power	35.0435	34.9314	0.1121	0.000307	31,457,921	9,661
Health care expense	35.0435	-12.2900	47.3335	0.129681	5,532,169	717,416
Payroll expense	35.0435	12.0071	23.0364	0.063113	23,256,810	1,467,817
FICA Withheld	35.0435	15.0495	19.9940	0.054778	1,729,552	94,742
Federal Income Tax Withheld	35.0435	15.0495	19.9940	0.054778	3,034,686	166,234
State Income Tax Withheld	35.0435	19.5054	15.5381	0.042570	1,214,664	51,708
Employees 401K withheld	35.0435	15.0495	19.9940	0.054778	1,435,790	78,650
Employers 401K matchings	35.0435	41.6702	-6.6267	-0.018155	539,497	(9,795)
Cash vouchers	35.0435	33.0649	1.9786	0.005421	30,285,126	164,170
Total O&M expenses (less depreciation)					168,416,982	3,621,373
Property taxes	35.0435	207.0403	-171.9968	-0.471224	8,773,550	(4,134,308)
Federal Unemployment	35.0435	75.1217	40.0782	-0.109803	22,882	(2,512)
State Unemployment	35.0435	75.1217	-40.0782	-0.109803	1,109	(122)
Employer FICA	35.0435	15.0962	19.9473	0.054650	1,729,552	94,520
Gross Receipts Taxes	17.4200	20.5300	-3.1100	-0.008521	4,836,536	(41,210)
Sales & Use taxes	17.4200	19.1500	-1.7300	-0.004740	6,760,712	(32,044)
Total customer supplied funds						(4,115,676)
Net cash working capital						(494,303)

The Empire District Electric Company

Income Tax Gross-up Factor

Formulas:

$$\text{FIT} = (\text{Taxable Income} - \text{Missouri Tax}) \cdot .35$$

$$\text{SIT} = (\text{Taxable Income} - (.5 \cdot \text{FIT})) \cdot .0625$$

Federal Income Tax:

$$\text{FIT} = (\text{Taxable Income} - ((\text{Taxable Income} - (.5 \cdot \text{FIT})) \cdot .0625)) \cdot .35$$

$$\text{FIT} = (T1 - .0625T1 + .0625 (.5 \cdot \text{FIT})) \cdot .35$$

$$\text{FIT} = 0.331754$$

State Income Tax:

$$\text{SIT} = (\text{Taxable Income} - (.5 \cdot \text{FIT})) \cdot .0625$$

$$\text{SIT} = 0.052133$$

Gross-up Factor:

$$\text{After Tax Income} = \text{Taxable Income} - \text{FIT} - \text{SIT}$$

$$\text{ATI} = 1.62308$$

Effective Income Tax:

$$\text{Effective Income Tax} = \text{FIT} + \text{SIT}$$

$$\text{EIT} = 0.38389$$

The Empire District Electric Company

Income Tax Lag Calculation

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	(A) Due Date	(B) Year Midpoint	(C) Lag Days	(D) % Payment	(E) C*D Days	(F) Weighted Days
FEDERAL:						
First payment	04/15/03	07/02/03	77.5	15.0%	11.63	
Second payment	06/15/03	07/02/03	16.5	15.0%	2.48	
Third payment	09/15/03	07/02/03	-75.5	10.0%	-7.55	
Fourth payment	12/15/03	07/02/03	-166.5	60.0%	-99.90	
Final installment	03/15/04	07/02/03	-256.5	0.0%	-0.00	
Income tax days lag					-93.35	-80.67
STATE:						
First payment	04/15/03	07/02/03	77.5	22.5%	17.44	
Second payment	06/15/03	07/02/03	16.5	22.5%	3.71	
Third payment	09/15/03	07/02/03	-75.5	22.5%	-16.99	
Fourth payment	12/15/03	07/02/03	-166.5	22.5%	-37.46	
Final installment	04/15/04	07/02/03	-287.5	10.0%	-28.75	
Income tax days lag					-62.05	-8.43
Weighted tax days lag						-89.10
Revenue days lag						35.0435
Net lag						54.06
Percent lag						14.8098%

The Empire District Electric Company
Interest Expense Lag Calculation

1. Number of days in year	365
2. Interest is payable semi-annually, divide by 2	2
3. Days covered by payment (1 / 2)	182.5
4. Divide by 2 to find average days lag	2
5. Average days payment lag (3 / 4)	91.25
6. Revenue days lag	35.0435
7. Payment lag minus revenue lag (5 - 6)	56.2065
8. Percent lag (7 / 1)	15.3990%

The Empire District Electric Company
Calculation of Interest Offset and Income Tax Offset

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A

Missouri
Jurisdictional

Interest Offset:

Weighted cost - preferred stock	0.5500%
Weighted cost - bonds	3.1300%
Weighted cost - short-term debt	0.0700%

Total weighted cost	3.7500%
Rate base (section D, line 14)	\$611,396,947

Total weighted cost x rate base	\$22,927,386
Interest expense lag	15.3990%

Interest Offset	\$3,530,588
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Income Tax Offset:

Federal income tax - current	(\$3,225,289)
State income tax - current	(506,831)

Total current income tax	(\$3,732,120)
Income tax lag	14.8098%

Income Tax Offset	(\$552,721)
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The Empire District Electric Company

Section H
Schedule I
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Capital Structure @
31-Dec-03

	A	B	C	D
	Amount <u>Outstanding</u>	% of <u>Total</u>	Cost <u>Rate</u>	Weighted Return on <u>Tariffs Filed</u>
1. Long-term Debt	\$336,496,612	43.16%	7.25%	3.13%
2. Trust Preferred Stock	48,292,648	6.19%	8.93%	0.55%
3. Common Equity	381,935,256	48.98%	11.65%	5.71%
4. Short-term Debt	13,000,000	1.67%	3.90%	0.07%
5. Total	\$779,724,718	100.00%		9.46%

Adjusted Capital Structure:

	Amount <u>Outstanding</u>	% of <u>Total</u>	Cost <u>Rate</u>	Weighted Return on <u>Tariffs Filed</u>
1. Long-term Debt	\$336,496,612	43.89%	7.25%	3.18%
2. Trust Preferred Stock	48,292,848	6.30%	8.93%	0.56%
3. Common Equity	381,935,258	49.81%	11.65%	5.80%
4. Short-term Debt	0	0.00%	3.90%	0.00%
5. Total	\$766,724,718	100.00%		9.54%

The Empire District Electric Company
Preferred Capital Stock

Section H
Schedule 2
04/21/2004

Series	A Principal Amount <u>Issued</u>	B Percentage Annual Dividend <u>Requirement</u>	C Net Discount, Premium and Issuance <u>Expense</u>	D Amount Outstanding at <u>31-Dec-03</u>
1. Trust Preferred (Issued March 1, 2001)	\$50,000,000	8.5	(\$1,707,152)	\$50,000,000
2.				
3.				
4. Total	\$50,000,000		(\$1,707,152)	\$50,000,000

The Empire District Electric Company
Long-Term Debt

Section H
Schedule 3
04/21/2004

Series	A 31-Dec-03 Unamortized Expense, Discount and Premium	B Principal Amount Outstanding	C 31-Dec-03 Projected Unamortized Expense, Discount and Premium	D Principal Amount Outstanding
Bonds and Unsecured Notes:				
1. 7.2% Series, Due 2016	(306,672)	25,000,000	(306,672)	25,000,000
2. 5.2% Pollution Control Series, Due 2013	(269,080)	5,200,000	(269,080)	5,200,000
3. 5.3% Pollution Control Series, Due 2013	(378,009)	8,000,000	(378,009)	8,000,000
4. 7.05% Series, Due 2022	(1,603,062)	49,942,000	(1,603,062)	49,942,000
5. 6.7% Series, Due 2023	(2,927,434)	62,000,000	(2,927,434)	62,000,000
6. 7-3/4% Series, Due 2025	(2,852,241)	30,000,000	(2,852,241)	30,000,000
7. 9-3/4% Series, Due 2020	0	0	0	0
8. 7-1/4% Series, Due 2028	0	0	0	0
9. 8-1/8% Series, Due 2009	(145,382)	20,000,000	(145,382)	20,000,000
10. 7.60% Series, Due 2006	(26,093)	10,000,000	(26,093)	10,000,000
11. 6-1/2% Series, Due 2010	(459,637)	50,000,000	(459,637)	50,000,000
12. 4.5% Series, Due 2013	(12,677,779)	98,000,000	(12,677,779)	98,000,000
13. Total	(\$21,645,388)	\$358,142,000	(\$21,645,388)	\$358,142,000

The Empire District Electric Company

Capital Costs

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	A	B	C	D
	31-Dec-03		31-Dec-03	
Bonds and Unsecured Notes Series:	Amount Outstanding	Annual Cost	Projected Amount Outstanding	Annual Cost
1. 7.2% Series, Due 2016	25,000,000	1,800,000	25,000,000	1,800,000
2. 5.2% Pollution Control Series, Due 2013	5,200,000	270,400	5,200,000	270,400
3. 5.3% Pollution Control Series, Due 2013	8,000,000	424,000	8,000,000	424,000
4. 7.05% Series, Due 2022	49,942,000	3,520,911	49,942,000	3,520,911
5. 6.7% Series, Due 2033	62,000,000	4,154,000	62,000,000	4,154,000
6. 7-3/4% Series, Due 2025	30,000,000	2,325,000	30,000,000	2,325,000
7. 9-3/4% Series, Due 2020	0	0	0	0
8. 7-1/4% Series, Due 2028	0	0	0	0
9. 8-1/8% Series, Due 2009	20,000,000	1,625,000	20,000,000	1,625,000
10. 7.60% Series, Due 2005	10,000,000	760,000	10,000,000	760,000
11. 6-1/2% Series, Due 2010	50,000,000	3,250,000	50,000,000	3,250,000
12. 4.5% Series, Due 2013	98,000,000	4,410,000	98,000,000	4,410,000
13. Premium, Discount and Expense	(21,645,388)	1,871,248	(21,645,388)	1,871,248
14. Total	\$336,496,612	\$24,410,559	\$336,496,612	\$24,410,559
15. Annual Cost Rate		7.25%		7.25%
Trust Preferred Series				
16. Trust Preferred	\$50,000,000	\$4,250,000	\$50,000,000	\$4,250,000
17. Premium and Expenses				
18. Annual Dividend Rate				
19. Premium and Expense	(\$1,707,152)	62,840	(\$1,707,152)	62,840
20. Total:	\$48,292,848	\$4,312,840	\$48,292,848	\$4,312,840
21. Annual Dividend Requirement Rate		8.93%		8.93%

The Empire District Electric Company

Test-Year Utility Operating Income
Statements and Adjustments

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Number	ACCOUNT Name	Twelve Months Ended December 31, 2003					
		A	B	C	D	E	F
		Total Company			Missouri Jurisdictional		
		Actual	Adjustments	Pro Forma	Actual	Adjustments	Pro Forma
Electric Utility Operating Revenues:							
440	Residential	\$125,196,648	\$1,347,456	\$126,544,104	\$111,132,284	\$1,347,456	\$112,479,740
442.1	Commercial	90,577,203	\$234,082	90,811,285	83,183,772	\$234,082	83,417,854
442.2-6	Industrial	50,642,829	(\$226,701)	50,416,128	41,899,069	(\$226,701)	41,672,368
444	Public Street & Highway Lighting	2,249,796	0	2,249,796	1,976,539	0	1,976,539
445	Other Sales to Public Authorities	4,959,793	0	4,959,793	4,376,831	0	4,376,831
448	Interdepartmental	91,559	0	91,559	91,559	0	91,559
447.2,4	Sales for Resale - On-System	12,439,772		12,439,772	0		0
447.1,3	Sales for Resale - Off-System	13,885,950	(259,620)	13,626,330	11,394,091	(213,031)	11,181,061
Total Sales of Electricity		300,043,549	1,095,217	301,138,766	254,054,146	1,141,806	255,195,952
450.456	Other Electric Operating Revenues	3,489,706		3,489,706	3,121,865	0	3,121,865
	Less: Provision for Rate Refund	0	0	0	0	0	0
Total Sales of Electricity		303,533,255	1,095,217	304,628,472	257,176,010	1,141,806	258,317,817
Electric Utility Operating Expenses:							
401-2	Production	133,253,388	19,815,396	153,068,784	109,710,373	16,341,665	126,052,038
401-2	Transmission	3,882,919	52,882	3,935,801	3,186,122	43,392	3,229,514
401.2	Distribution	11,847,607	309,671	12,157,278	10,567,654	276,216	10,843,870
401-2	Customer Accounts	6,610,352	163,890	6,774,242	5,773,773	143,149	5,916,922
401.2	Customer Assistance	1,030,935	40,703	1,071,639	900,464	35,552	936,016
401-2	Sales	326,213	13,604	339,818	289,412	12,070	301,482
401-2	Administrative & General	24,858,223	624,279	25,482,502	20,576,184	560,958	21,137,141
403	Depreciation	27,126,436	28,036,084	55,162,520	23,151,679	24,025,489	47,177,168
408.1	Taxes Other Than Income Taxes	16,106,872	1,682,690	17,789,561	13,934,292	1,429,337	15,363,629
409.1	Income Taxes - Federal	1,608,424	(6,478,121)	(4,869,697)	1,415,712	(4,641,001)	(3,225,289)
409.1	Income Taxes - State	1,004,092	(1,769,330)	(765,238)	883,788	(1,390,619)	(506,831)
409.1	Provision for Deferred Income Taxes	26,290,994	(19,578,850)	6,712,144	23,904,211	(18,233,911)	5,670,300
410.1	Provision for Deferred Income Taxes - Cr.	(11,954,328)	11,515,252	(439,076)	(10,869,075)	10,482,606	(386,468)
411.1	Investment Tax Credit Adjustments - Net	(547,650)	5,725	(541,925)	(497,933)	20,938	(476,995)
431.1	Interest on Customer Deposits		0	0		233,718	233,718
Total Electric Utility Operating Expenses		241,444,477	34,433,874	275,878,351	202,926,657	29,339,557	232,266,214
Net Electric Utility Operating Income		62,088,778	(33,338,657)	28,750,120	54,249,353	(28,197,751)	26,051,602

The Empire District Electric Company

Test-Year Utility Operating Income
Statements and AdjustmentsSection J
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		A	B	C	D	E	F
		Twelve Months Ended December 31, 2003					
ACCOUNT		Total Company			Missouri Conditional		
Number	Name	Actual	Adjustments	Pro Forma	Actual	Adjustments	Pro Forma
	Water Utility Operating Revenues	1,388,832		1,388,832			
	Water Utility Operating Expenses:						
414.1	Operation	394,336		394,336			
414.2	Maintenance	381,346		381,346			
403	Depreciation	175,219		175,219			
408.1	Taxes Other than Income Taxes	87,549		87,549			
409.1	Income Taxes - Federal	(32,920)		(32,920)			
409.1	Income Taxes - State	(5,170)		(5,170)			
410.1	Provision for Deferred Income Taxes	95,859		95,859			
411.4	Investment Tax Credit Adjustments - Net	<u>(2,350)</u>		<u>(2,350)</u>			
	Total Water Operating Expenses	1,093,869	0	1,093,869			
	Net Water Utility Operating Income	294,963	0	294,963			
	Other Income:						
417	Nonutility revenue	20,854,917		20,854,917			
417	Nonutility costs and expenses	(21,804,139)		(21,804,139)			
	Other Income and Deductions						
	Allowance for Equity Funds Used During Construction	0					
	Interest Income	57,011		57,011			
	State Line OC Pitt Disallowance			0			
	Prov Def Inc Tx Disallow Pitt	250,000		250,000			
	Minority Interest	(353,634)		(353,634)			
	Other Non-operating Income	52,857					
	Other Non-operating Expense	<u>(860,398)</u>		<u>(860,398)</u>			
		<u>(854,164)</u>					
	Interest Charges						
	Long Term Debt			0			
	Trust Preferred Distributions by Subsidiary			0			
	Holding Specially Parent Debentures	4,250,000		4,250,000			
	Other	26,044,688					
	Allowance for Borrowed Funds Used During Construction	(282,268)		(282,268)			
	Other	<u>1,117,628</u>					
		<u>31,130,048</u>					
	Net Other Income and Deductions	(31,984,212)		28,085,862			
	Net Income	29,450,307		56,191,724			
	Preferred Dividend	0		0			
	Net to common	29,450,307		56,191,724			
	End of period earnings per share	\$1.29					
	Weighted Average Number of Shares	22,845,952					

The Empire District Electric Company
Explanation of Adjustments to Test-Year
Revenues & Expenses

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	Total Company		Increase (Decrease) Missouri Jurisdictional	
	<u>Revenues</u>	<u>Expenses</u>	<u>Revenues</u>	<u>Expenses</u>
Revenue:				
1. To adjust customer growth - Res	1,443,460		1,443,460	
2. To adjust customer growth - Comm	443,474		443,474	
3. To adjust customer growth - Ind	514,006		514,006	
4. To normalize weather - Residential	(96,004)		(96,004)	
5. To normalize weather - Commercial	(209,392)		(209,392)	
6. To normalize weather - Industrial	(286,330)		(286,330)	
7. To eliminate Missouri Steel Casting	(454,377)		(454,377)	
8. Adjust Off-System Sales to 5-year average	(259,620)		(213,031)	
9.	0		0	
10.	0		0	
 Total Revenue Adjustment	 1,095,217		 1,141,606	
 Production:				
		0		0
11. To reflect normalization of O & M Expenses		1,008,204		830,947
		0		0
12. To normalize test year payroll		503,874		415,285
		0		0
13. To reflect decrease capacity charges for 6/1/03 contract year		(2,780,667)		(2,281,671)
14. To reflect normalization of Fuel/PP		21,083,985		17,377,104
		0		0
 Total Production		 19,815,396		 16,341,665
 Transmission				
15. To normalize test year payroll		52,882		43,392
 Total Transmission		 52,882		 43,392
 Distribution				
16. To normalize test year payroll		309,671		276,216
 Total Distribution		 309,671		 276,216
 Customer Accounts				
17. To normalize test year payroll		163,890		143,149
 Total Customer Accounts		 163,890		 143,149
 Customer Assistance				
18. To normalize test year payroll		40,703		35,552
 Total Customer Assistance		 40,703		 35,552
 Sales Expense				
19. To normalize test year payroll		13,604		12,070
 Total Sales Expense		 13,604		 12,070

The Empire District Electric Company
Explanation of Adjustments to Test-Year
Revenues & Expenses

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	Total Company		Increase (Decrease)	
	Revenues	Expenses	Revenues	Expenses
Administrative & General:				
20. To reflect increased insurance expense		0		0
21. To normalize test year 401k costs		57,269		47,611
22. To normalize test year payroll		328,095		272,764
		0		0
22. To adjust amortized FAS 106 and 87 gain/loss		(1,316,888;		(1,118,765)
		0		0
		0		0
23. To reflect amortization of common stock expense		1,305,804		1,109,348
24. To reflect amortization of rate case expenses over 3 year*		<u>250,000</u>		<u>250,000</u>
Total Administrative & General		624,279		560,958
Depreciation:				
25. To recognize expense for cost of removal		0		0
26. To annualize depreciation expense		<u>28,036,084</u>		<u>24,025,489</u>
		28,036,084		24,025,489
Taxes Other Than Income Taxes:				
27. To annualize property taxes		1,521,589		1,292,669
28. To recognize FICA taxes from wage increase (decrease)		161,336		136,863
29. To recognize FUTA tax from wage increase (decrease)		128		107
30. To recognize SUTA tax from wage increase (decrease)		<u>(364;</u>		<u>(302;</u>
Total Taxes Other Than Income Taxes		1,682,690		1,429,337
Income Taxes - Federal				
31. To adjust book taxes		(6,478,121)		(4,641,001)
Total Taxes - Federal		(6,478,121)		(4,641,001)
Income Taxes - State				
32. To adjust book taxes		(1,769,330;		(1,390,619;
Total Taxes - State		(1,769,330;		(1,390,619;
Provision for Deferred Income Tax:				
33. To adjust book taxes		(19,578,850;		(18,233,911)
Total Provision for Deferred Income Tax		(19,578,850;		(18,233,911)
Provision for Deferred Income Tax Cr:				
34. To adjust book taxes		11,515,252		10,482,606
Total Provision for Deferred Income Tax Cr		11,515,252		10,482,606
Provision for Investment Tax Credit				
35. To adjust book taxes		5,725		20,938
Total Provision for Investment Tax Cr		5,725		20,938
Interest on Customer Deposits				
36. To include interest on customer deposits at 5.0% *		0		233,718
Total Interest on Customer Deposits		0		233,718
TOTAL ADJUSTMENTS	1,095,217	34,433,874	1,141,806	29,339,557

The Empire District Electric Company

Depreciation Rates and Accruals

Section K

Schedule 1

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		A	B	C
Plant		Actual	Test Year Accrual	
Account		Depreciation	Total	Missouri
Number	Plant Account	<u>Rates</u>	<u>Company</u>	<u>Jurisdictional</u>
311	Structures and Improvements	1.05		
312	Boiler Plant and Equipment	1.85		
314	Turbo Generator Units	1.59		
315	Accessory Electric Equipment	1.79		
316	Miscellaneous Power Plant Equipment	1.96		
	Total Steam		\$3,244,537	2,662,299
331	Structures and Improvements	1.64		
332	Reservoirs, Dams and Waterways	1.67		
333	Water Wheels, Turbines & Generators	1.47		
334	Accessory Electric Equipment	1.43		
335	Miscellaneous Power Plant Equipment	2.44		
	Total Hydro		53,417	43,831
341	Structures and Improvements	1.82		
342	Fuel Holders, Producers & Accessories	3.85		
343	Prime Movers	1.92		
344	Generators	1.82		
346	Miscellaneous Power Plant Equipment	4.00		
	Total Other Production		6,910,463	5,670,368
	Total Production		10,208,416	8,376,497
352	Structures and Improvements	1.37		
353	Station Equipment	2.19		
354	Towers and Fixtures	1.30		
355	Poles and Fixtures	1.85		
356	Overhead Conductors and Devices	1.43		
	Total Transmission		2,957,377	2,426,670
361	Structures and Improvements	1.98		
362	Station Equipment	2.44		
364	Poles, Towers and Fixtures	2.43		
365	Overhead Conductors and Devices	2.10		
366	Underground Conduit	2.97		
367	Underground Conductors and Devices	3.61		
368	Line Transformers	2.51		
369	Services	3.03		
370	Meters	2.58		
371	Installations on Customers' Premises	5.15		
373	Street Lighting and Signal Systems	2.36		
	Total Distribution		11,552,553	10,302,714

The Empire District Electric Company

Depreciation Rates and Accruals

Section K
Schedule 1
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Plant Account Number	Plant Account	A	B	C
		Actual Depreciation Rates	Test Year Accrual Total Company	Missouri Jurisdictional
390	Structures and Improvements	4.27		
391	Office Furniture and Equipment	11.45		
393	Stores Equipment	3.95		
394	Tools, Shop and Garage Equipment	2.50		
395	Laboratory Equipment	2.66		
397	Communication Equipment	4.95		
398	Miscellaneous Equipment	3.75		
	Total General		1,754,004	1,490,118
	Amortization of Electric Plant		654,086	555,680
	Amount Charged to Operations		27,126,436	23,151,679
312.5	Unit Coal Trains	5.67	372,206	306,766
312.7	Unit Coal Trains	5.67	0	0
392	Transportation Equipment	9.52	592,989	503,775
396	Power Operated Equipment	6.67	646,845	549,529
	Total Depreciation Provision less amount charged to fuel		\$28,366,270	\$24,204,983

The Empire District Electric Company

Normalized Depreciation Expense

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		A	B	C	D	E
				31-Dec-03		
Account		Total Company	Missouri Jurisdictional	Approved Rate	Proposed Rate	Normalized
Number	Name					
	Riverton Station (Steam Production)					
310	Land and Land Rights	397,725	326,352			
311	Structures and Improvements	8,467,460	6,947,959	1.05	14.37	998,422
312	Boiler Plant and Equipment	21,399,385	17,559,227	1.85	7.22	1,267,776
314	Turbo Generator Units	6,514,048	5,345,091	1.59	4.57	244,271
315	Accessory Electric Equipment	1,299,677	1,066,611	1.79	0.79	8,426
316	Miscellaneous Power Plant Equipment	1,075,367	882,391	1.96	10.52	92,827
	Total Riverton	39,153,862	32,127,631			2,611,722
	Asbury Station (Steam Production)					
310	Land and Land Rights	387,547	318,001			
311	Structures and Improvements	9,184,624	7,536,427	1.05	6.91	520,767
312	Boiler Plant and Equipment	67,003,898	54,979,928	1.85	7.71	4,238,952
312.7	Unit Train	5,580,296	4,578,902	6.67	1.34	61,357
314	Turbo Generator Units	21,039,943	17,264,287	1.59	6.36	1,098,009
315	Accessory Electric Equipment	6,348,259	5,209,053	1.79	7.74	403,181
316	Miscellaneous Power Plant Equipment	1,596,097	1,309,675	1.96	5.37	70,330
	Total Asbury	111,140,664	91,196,273			6,392,596
	Iatan Station (Steam Production)					0
310	Land and Land Rights	122,418	100,450			
311	Structures and Improvements	3,987,532	3,271,962	1.05	3.30	107,975
312	Boiler Plant and Equipment	31,023,547	25,456,316	1.85	2.21	562,585
312.5	Unit Train	8,365	6,864	6.67	1.34	92
314	Turbo Generator Units	8,252,526	6,771,595	1.59	3.14	212,628
315	Accessory Electric Equipment	3,689,765	3,027,630	1.79	2.88	87,196
316	Miscellaneous Power Plant Equipment	862,575	707,784	1.96	4.16	29,444
	Total Iatan	47,946,726	39,342,601			999,919
	Total Steam Production	198,241,253	162,666,505			10,004,237

The Empire District Electric Company

Normalized Depreciation Expense

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		A	B	C	D	E
				31-Dec-03		
Account		Total Company	Missouri Jurisdictional	Approved Rate	Proposed Rate	Normalized
Number	Name					
	Ozark Beach Station (Hydroelectric)					
330	Land and Land Rights	224,480	184,196			
331	Structures and Improvements	556,389	456,544	1.64	4.06	18,536
332	Reservoirs, Dams and Waterways	1,435,115	1,177,564	1.67	0.99	11,658
333	Water Wheels, Turbines & Generators	1,065,736	874,488	1.47	4.06	35,504
334	Accessory Electric Equipment	812,324	666,551	1.43	5.27	35,127
335	Miscellaneous Power Plant Equipment	325,076	266,741	2.44	3.67	9,789
	Total Ozark Beach	4,419,123	3,626,103			110,615
	Riverton Station (Combustion Turbine)					
341	Structures and Improvements	193,357	158,659	1.82	4.97	7,885
342	Fuel Holders, Producers & Accessories	87,123	71,489	3.85	4.78	3,417
343	Prime Movers	10,147,180	8,326,250	1.92	6.15	512,064
344	Generators	926,850	760,525	1.82	4.87	37,038
345	Accessory Electric Equipment	315,835	259,158	3.57	5.29	13,709
346	Miscellaneous Power Plant Equipment	83,907	68,850	4.00	3.65	2,513
	Total Riverton	11,754,253	9,644,931			576,627
	Energy Center (Combustion Turbine)					
340	Land and Land Rights	163,097	133,829			
341	Structures and Improvements	1,883,126	1,545,196	1.82	2.33	36,003
342	Fuel Holders, Producers & Accessories	1,209,362	992,340	3.85	(1.77)	(17,564)
343	Prime Movers	25,638,096	21,037,293	1.92	4.69	986,649
344	Generators	4,160,383	3,413,795	1.82	2.57	87,735
345	Accessory Electric Equipment	339,416	278,507	3.57	(0.46)	(1,281)
346	Miscellaneous Power Plant Equipment	1,252,500	1,027,737	4.00	2.67	27,441
	Total Energy Center	34,645,990	28,428,697			1,118,982
	Energy Center Aero Units					
341	Structures and Improvements	1,117,747	917,165	1.82	3.45	31,642
344	Generators	40,238,906	33,017,962	1.82	3.49	1,132,516
345	Accessory Electric Equipment	2,235,495	1,834,331	3.57	3.40	62,367
346	Miscellaneous Power Plant Equipment	12,295,221	10,088,822	4.00	3.40	343,020
	Total Energy Center Aero Units	55,887,369	45,858,280			1,569,546
	State Line (Combustion Turbine)					
340	Land and Land Rights	288,554	236,773			
341	Structures and Improvements	4,130,748	3,389,478	1.82	3.23	109,480
342	Fuel Holders, Producers & Accessories	3,380,804	2,774,113	3.85	3.24	89,881
343	Prime Movers	42,664,155	35,008,021	1.92	3.39	1,186,772
344	Generators	11,268,284	9,246,171	1.82	3.18	294,026
345	Accessory Electric Equipment	3,710,033	3,044,310	3.57	3.54	107,769
346	Miscellaneous Power Plant Equipment	123,435	101,285	4.00	(0.80)	(810)
	Total State Line Combustion Turbine	65,566,104	53,800,149			1,787,120
	State Line (Combined Cycle)					
341	Structures and Improvements	7,159,115	5,874,399	2.86	3.54	207,954
342	Fuel Holders, Producers & Accessories	7,824,293	6,420,210	2.86	3.49	224,065
343	Prime Movers	84,008,591	68,933,099	2.86	3.56	2,454,018
344	Generators	23,336,374	19,148,620	2.86	3.49	668,287
345	Accessory Electric Equipment	7,785,292	6,388,207	2.86	3.50	223,587
346	Miscellaneous Power Plant Equipment	51,796	42,501	2.86	3.61	1,534
	Total State Line CC	130,165,461	106,807,036			3,779,446
	Total Production Plant	500,679,543	410,831,701			18,946,571

The Empire District Electric Company

Normalized Depreciation Expense

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		A	B	C	D	E
				31-Dec-03		
Account		Total Company	Missouri Jurisdictional	Approved Rate	Proposed Rate	Normalized
Number	Name					
Transmission Plant						
350	Land and Land Rights	8,677,558	7,120,354			
352	Structures and Improvements	2,335,614	1,916,464	1.37	1.95	37,371
353	Station Equipment	81,203,750	66,631,591	2.19	2.04	1,359,284
354	Towers and Fixtures	777,080	637,631	1.30	1.35	8,608
355	Poles and Fixtures	26,516,189	21,757,811	1.85	4.21	916,004
356	Overhead Conductors and Devices	50,765,895	41,655,864	1.43	2.19	912,263
Total Transmission		170,276,095	139,719,736			3,233,531
Distribution Plant						
360	Land and Land Rights	1,611,606	1,437,497			
361	Structures and Improvements	9,001,255	8,028,807	1.98	2.10	168,605
362	Station Equipment	58,177,178	51,892,024	2.44	1.53	793,948
364	Poles, Towers and Fixtures	89,549,034	79,874,631	2.43	8.15	6,509,782
365	Overhead Conductors and Devices	102,680,119	91,587,102	2.10	7.86	7,198,746
366	Underground Conduit	15,763,257	14,060,278	2.97	4.01	563,817
367	Underground Conductors and Devices	33,337,407	29,735,810	3.61	3.46	1,028,859
368	Line Transformers	66,324,437	59,159,096	2.51	2.76	1,632,791
369	Services	45,193,257	40,310,816	3.03	9.95	4,010,926
370	Meters	15,118,301	13,485,000	2.58	1.88	253,518
371	Installations on Customers' Premises	12,250,215	10,926,766	5.15	5.50	600,972
373	Street Lighting and Signal Systems	10,089,942	8,999,878	2.36	3.09	278,096
Total Distribution		459,096,010	409,497,706			23,040,061
General Plant						
389	Land and Land Rights	691,217	587,225			
390	Structures and Improvements	9,228,595	7,840,172	4.27	2.24	175,620
391	Office Furniture and Equipment	10,869,222	9,233,970	11.45	9.52	879,074
392	Transportation Equipment	6,284,688	5,339,169	9.52	0.26	13,882
393	Stores Equipment	343,778	292,057	3.95	1.77	5,169
394	Tools, Shop and Garage Equipment	2,871,990	2,439,905	2.50	3.99	97,352
395	Laboratory Equipment	886,386	753,031	2.66	1.63	12,274
396	Power Operated Equipment	9,359,422	7,951,316	6.67	5.46	434,142
397	Communication Equipment	10,127,777	8,604,074	4.95	3.31	284,795
398	Miscellaneous Equipment	229,185	194,704	3.75	4.36	8,489
Total General		50,892,261	43,235,623			1,910,797
Total Depreciable Plant		\$1,180,943,898	\$1,003,284,766			\$47,130,961

The Empire District Electric Company
Summary of Depreciation and Amortization

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	Missouri <u>Jurisdiction</u>	Total <u>Company</u>
Total Depreciation	\$47,130,961	\$55,110,687
Total Amortization	<u>555,680</u>	<u>654,086</u>
Total depreciation & amortization	47,686,641	55,764,773
Amount Cleared: (Account 392 & 396)	448,024	527,365
Unit Train Depreciation - Asbury	61,357	74,776
Unit Train Depreciation - Iatan	92	112
Total Depreciation Charged to Operations less fuel and clearings	47,177,168	55,162,520
Total Book Depreciation Charged to Operations	23,151,679	27,126,436
Depreciation Adjustment	\$24,025,489	\$28,036,084

The Empire District Electric Company
Taxes Charged to Electric Operations

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	A	B	C	D	E	F
	Twelve Months Ended December 31, 2003					
	Total Company			Missouri Jurisdictional		
	<u>Actual</u>	<u>Adjustments</u>	<u>Pro Forma</u>	<u>Actual</u>	<u>Adjustments</u>	<u>Pro Forma</u>
Taxes Other Than Income Taxes						
1. Real and Property	\$8,805,678	\$1,521,589	\$10,327,267	\$7,480,881	\$1,292,669	\$8,773,550
2. Federal Insurance Contribution Act	1,915,749	161,336	2,077,086	1,592,689	136,863	1,729,552
3. Federal Unemployment	27,395	128	27,523	22,775	107	22,882
4. State Unemployment	1,698	(364)	1,334	1,411	(302)	1,109
5. Corporation Franchise	213,912	0	213,912	193,152		193,152
6. Merchants			0	0		0
7. City Tax or Fee	5,142,440	0	5,142,440	4,643,383		4,643,383
8. Environmental	0		0	0		0
9. Total Taxes Other Than Income Taxes	16,106,872	1,682,690	17,789,561	13,934,292	1,429,337	15,363,629
10. Federal Income Taxes	15,397,440	(14,535,994)	861,446	13,952,916	(12,371,367)	1,581,549
11. State Income Taxes	1,004,092	(1,769,330)	(765,238)	883,788	(1,390,619)	(506,831)
12. Total Taxes Charged to Electric Operations	\$32,508,404	(\$14,622,634)	\$17,885,769	\$28,770,995	(\$12,332,649)	\$16,438,346

The Empire District Electric Company

Calculation of Provision for Income Taxes Payable
Twelve Months Ended December 31, 2003

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	A		Adjusted Total Company	B	C	D
	Total Company	Adjustments		Missouri Jurisdictional	Adjustments	Adjusted Missouri
1. Net Income from Section J, Schedule 1	\$62,086,776	(33,338,657)	\$28,750,120	\$54,249,353	(\$28,197,751)	\$26,051,602
2. Adjustments						
3. Adjusted Net Income	62,086,776	(33,338,657)	28,750,120	54,249,353	(28,197,751)	26,051,602
4. Current Income Tax	2,612,516	(8,247,451)	(5,634,935)	2,299,500	(6,031,619)	(3,732,120)
5. Deferred Income Taxes	13,789,016	(8,057,873)	5,731,143	12,537,204	(7,730,367)	4,806,837
6. Total Income Tax	16,401,532	(16,305,324)	96,208	14,836,703	(13,761,986)	1,074,717
7. Net Operating Income Before Income Taxes	78,490,310	(49,643,981)	28,846,328	69,086,057	(41,959,737)	27,126,320
8. Book Depreciation	26,366,270	28,036,384	56,402,354	24,204,983	24,025,489	48,230,472
9. Nondeductible Expenses - (Meals)	90,000		90,000	79,217	0	79,217
10. Contributions in Aid of Construction	1,737,142		1,737,142	1,529,008	0	1,529,008
11. Interest Capitalized for Tax - (Excess over AFUDC)	0		0	0	0	0
12. Non-deductible Club Dues	20,000		20,000	17,604	0	17,604
13	0		0	0	0	0
14. Total Additions	30,213,412	28,036,084	58,249,496	25,830,811	24,025,489	49,856,300
15. Less:						
15. Interest Sync	26,961,170		26,961,170	22,866,246		22,866,246
16. Tax Depreciation	74,813,311	0	74,813,311	63,938,316	0	63,938,316
17. Preferred Stock Dividends	0		0	0	0	0
18	0		0	0	0	0
19. Total Deductions	101,774,481	0	101,774,481	86,704,562	0	86,704,562
20. Net Taxable Income	6,929,241	(21,607,897)	(14,678,657)	8,212,306	(17,934,248)	(9,721,942)
Provision for Federal Income Tax:						
21. Income Before Income Taxes	6,929,241	(21,607,897)	(14,678,657)	8,212,306	(17,934,248)	(9,721,942)
22. Less: Missouri Income Tax - 100%	361,240	(1,126,478)	(765,238)	428,130	(934,961)	(506,831)
23. Federal Taxable Income	6,568,000	(20,481,419)	(13,913,419)	7,784,177	(16,999,287)	(9,215,111)
24. Federal Income Tax @ 35%	2,298,800	(7,168,497)	(4,869,697)	2,724,462	(5,949,751)	(3,225,289)
Provision for Missouri Income Tax:						
25. Income Before Income Taxes	6,929,241	(21,607,897)	(14,678,657)	8,212,306	(17,934,248)	(9,721,942)
26. Less: One-Half of Federal Income Tax	1,149,400	(3,584,248)	(2,434,848)	1,362,231	(2,974,876)	(1,612,644)
27. Missouri Taxable Income	5,779,840	(18,023,649)	(12,243,809)	6,850,075	(14,959,373)	(8,109,297)
28. Provision for Missouri Income Tax @ 6.25	\$361,240	(\$1,126,478)	(\$765,238)	\$428,130	(\$934,961)	(\$506,831)

The Empire District Electric Company

Calculation of Provision for Income Taxes Payable
Twelve Months Ended December 31, 2003

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	A		B	C	D
	Total Company	Adjustments	Adjusted Total Company	Missouri Jurisdictional	Adjusted Missouri
Deferred Taxes:					
1. Depreciation - Tax	\$74,813,311	\$0	\$74,813,311	\$63,838,316	\$0
2. Depreciation Book	28,356,273	28,036,084	56,402,354	24,204,983	24,025,489
3. Depreciation - S/L Life Differences	810,905	0	810,905	691,947	0
4. Total Depreciation (1+2+3)	47,257,946	(28,036,084)	19,221,862	40,325,279	(24,025,489)
5. Interest Capitalized for Tax (Excess over AFUDC D)	0	0	0	0	0
6. Contributions in Aid of Construction	(1,737,142)	0	(1,737,142)	(1,529,008)	0
7.	0	0	0	0	0
8. Total Deferral Items	\$45,520,804	(\$28,036,084)	\$17,484,720	\$38,796,272	(\$24,025,489)
9. Deferral Rate	0.3839	0.3839	0.3839	0.3839	0.3839
10. Amount Deferred (8x9)	\$17,474,811	(\$10,762,667)	\$6,712,144	\$14,893,356	(\$9,223,055)
11.	0	0	0	0	0
12. Amortization of Excess Deferred	(439,076)	0	(439,076)	(386,468)	0
13. Deferred Taxes (8+9)	17,035,735	(10,762,667)	6,273,068	14,506,887	(9,223,055)
14. ITC - Net	(541,925)	0	(541,925)	(476,995)	0
15. Net Deferred Taxes (10+11)	\$16,493,810	(\$10,762,667)	\$5,731,143	\$14,029,892	(\$9,223,055)

THE EMPIRE DISTRICT ELECTRIC COMPANY

Bases of Allocation of Property and Expenses

Section M, Schedule 2 shows in detail the bases of allocation, total Company pro forma figures and the pro forma amounts allocated to each of the four states with each separate item necessary to properly allocate rate base components and net electric operating revenue components to each of the four states.

In this process of allocation by states, there are two exceptions to the basic uniform procedure. Those portions of the rate base components and net operating revenue components which relate to off-system wholesale and to on-system wholesale are allocated by procedures using different factors than those used for all other customers.

Kilowatt-hour sales by states are used as the basis of allocating energy costs. However, large volumes of kilowatt-hours have been sold to other utility companies and systems for resale, with such transactions carried out over Company high-voltage transmission facilities installed, used and necessary for on-system operation and protection of service continuity to Empire's own customers. Such off-system kilowatt-hour sales for resale are not a proper basis for allocation of property or operating expenses related to the Company's retail business and are, therefore, deducted from the total.

Three towns in Missouri and one town in Kansas are supplied by Empire at wholesale rates. Amounts of fixed generation property and expense and common transmission property and expense allocated to these on-system wholesale transactions are assigned on the basis of coincident peak demands of these wholesale customers in relation to the total Company system demand. All other property and expense allocations to these seven wholesale customers are made on the same uniform bases used for retail customers.

The Company's generation and transmission system is required by and was constructed to meet the needs of the Company's own customers. Since amounts earned from these off-system wholesale transactions are made possible by the use of these facilities constructed for service to and supported by all of the Company's customers in all four states, the net operating revenue from these off-system wholesale transactions is allocated to on-system jurisdictions based on a twelve-month average coincident peak demand.

After deductions for property and expenses applicable to wholesale transactions, the remaining property and operating costs are then allocated on uniform bases to all retail customers in each of the four states.

Variable production expenses are allocated on the basis of kilowatt-hour sales by jurisdiction. Fixed production expenses are allocated based on a twelve-month average coincident peak demand.

Twelve-month average retail coincident peak demands by states are used as the basis for allocation of remaining property and expenses related to generation and transmission facilities.

All distribution property and related expenses are allocated to states on the basis of actual physical location, except that those portions applicable to on-system wholesale are assigned separately.

Customer accounts expenses are allocated to states on the basis of the number of customers served.

Customer assistance expenses are allocated on the basis of a composite of revenues and number of customers served.

Sales expenses are allocated on the basis of on-system revenues by states.

General property is allocated on the basis of the ratios by states of the sum of all other classes of property as allocated.

Administrative and general expenses are allocated on the basis of the ratio by states of the sum of all other operation and maintenance expenses as allocated except Electric Power Research Institute research and development costs, franchise requirements and regulatory commission expenses, which are assigned directly to jurisdiction of origin.

Depreciation expense is allocated by functional groups of property on the basis of depreciable electric plant in service by functional classes as allocated by states.

Real and personal property taxes are allocated on the basis of electric plant in service as allocated, payroll taxes on the basis of allocated operation and maintenance expenses, and other taxes by state of origin.

Income taxes are calculated on the basis of taxable income by states.

Prepayments are allocated on the basis of electric plant in service as allocated by states.

Fuel inventory is allocated on the basis of kilowatt-hour sales.

Other materials and supplies related to generating plants are allocated on the same basis as allocated generation plant, with the remainder of materials and supplies on the basis of distribution property by states.

Deferred income tax and investment tax credit balances are allocated on the basis of total electric plant in service.

Customer deposits are directly assigned to state of origin.

The Empire District Electric Company
Allocation of Rate Base

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	A	B	C		D	E	F	G	H	I
	Basis of Allocation Reference	Total Company	On-System Wholesale							
			Missouri	Kansas	Total	Missouri	Kansas	Oklahoma	Arkansas	
Electric Utility Plant										
1 Production Plant Adjustments	22	501,075,638	29,843,821	1,653,289	469,578,528	411,156,716	30,429,578	12,936,294	15,055,940	0
Production Plant Adjusted %		501,075,638	29,843,821	1,653,289	469,578,528	411,156,716	30,429,578	12,936,294	15,055,940	0
		100.0000%	5.9560%	0.3299%	93.7141%	82.0548%	6.0729%	2.5817%	3.0047%	0
2 Transmission Plant Adjustments	22	170,276,085	10,141,561	561,823	159,572,701	139,719,736	10,340,613	4,396,026	5,116,326	0
Transmission Plant Adjusted %		170,276,085	10,141,561	561,823	159,572,701	139,719,736	10,340,613	4,396,026	5,116,326	0
		100.0000%	5.9568%	0.3299%	93.7141%	82.0548%	6.0729%	2.5817%	3.0047%	0
3 Distribution Plant Adjustments	58	459,096,010	2,285,710	204,146	456,606,154	409,497,706	26,042,481	12,213,050	8,852,917	0
Distribution Plant Adjusted %		459,096,010	2,285,710	204,146	456,606,154	409,497,706	26,042,481	12,213,050	8,852,917	0
		100.0000%	0.4979%	0.0445%	99.4577%	89.1965%	5.6726%	2.6602%	1.9283%	0
Production, Transmission & Distribution										
4 Plant Subtotal Adjustments		1,130,447,732	42,271,092	2,419,258	1,085,757,383	960,374,158	66,812,672	29,545,370	24,025,183	0
Plant Subtotal Adjusted %		1,130,447,732	42,271,092	2,419,258	1,085,757,383	960,374,158	66,812,672	29,545,370	24,025,183	0
		100.0000%	3.7393%	0.2140%	96.0467%	84.9552%	5.9103%	2.6136%	2.5676%	0
Production, Transmission & Distribution										
5 General Plant Adjustments	4	51,707,342	1,933,505	110,658	49,663,179	43,928,077	3,056,051	1,351,423	1,327,629	0
General Plant Adjusted %		51,707,342	1,933,505	110,658	49,663,179	43,928,077	3,056,051	1,351,423	1,327,629	0
		100.0000%	3.7393%	0.2140%	96.0467%	84.9552%	5.9103%	2.6136%	2.5676%	0
6 Intangible Plant Adjustments	4,59	7,622,196	285,019	16,312	7,320,865	6,475,452	450,493	199,214	195,706	0
Intangible Plant Adjusted %		7,622,196	285,019	16,312	7,320,865	6,475,452	450,493	199,214	195,706	0
		100.0000%	3.7393%	0.2140%	96.0467%	84.9552%	5.9103%	2.6136%	2.5676%	0
7 Total Electric Utility Plant Adjustments		1,189,777,270	44,489,615	2,546,228	1,142,741,427	1,010,777,687	70,319,217	31,096,006	30,548,518	0
Total Electric Utility Plant Adjusted %		1,189,777,270	44,489,615	2,546,228	1,142,741,427	1,010,777,687	70,319,217	31,096,006	30,548,518	0
		100.0000%	3.7393%	0.2140%	96.0467%	84.9552%	5.9103%	2.6136%	2.5676%	0

The Empire District Electric Company
Allocation of Rate Base

Section M
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A Basis of Allocation Reference	B Total Company	C On-System Wholesale	D Kansas	E Total	F Missouri	G Retail Kansas	H Oklahoma	I Arkansas
Electric Utility Depreciation Reserve:								
8 Production Reserve Adjustments:	148,542,099	8,847,095	490,112	139,204,892	121,885,953	9,020,741	3,834,918	4,463,280
Production Reserve Adjusted	148,542,099	8,847,095	490,112	139,204,892	121,885,953	9,020,741	3,834,918	4,463,280
9 Transmission Reserve Adjustments:	47,333,083	2,819,135	156,175	44,357,773	38,839,076	2,874,468	1,222,000	1,422,228
Transmission Reserve Adjusted	47,333,083	2,819,135	156,175	44,357,773	38,839,076	2,874,468	1,222,000	1,422,228
10 Distribution Reserve Adjustments:	164,037,217	815,300	72,155	163,149,762	146,290,478	9,317,240	4,373,134	3,168,911
Distribution Reserve Adjusted	164,037,217	815,300	72,155	163,149,762	146,290,478	9,317,240	4,373,134	3,168,911
11 General Reserve Adjustments:	23,489,663	878,354	50,270	22,561,039	19,955,691	1,388,306	613,926	603,117
General Reserve Adjusted	23,489,663	878,354	50,270	22,561,039	19,955,691	1,388,306	613,926	603,117
12 Amortization of Electric Plant Adjustments:	3,812,313	142,555	8,159	3,661,600	3,238,759	225,319	99,639	97,884
Amortization of Electric Plant Adjusted	3,812,313	142,555	8,159	3,661,600	3,238,759	225,319	99,639	97,884
13 Total Electric Utility Depreciation Reserve and Amortization Adjustments:	387,214,376	13,502,439	776,870	372,935,067	330,209,957	22,826,072	10,143,617	9,755,421
Total Electric Utility Depreciation Reserve and Amortization Adjusted	387,214,376	13,502,439	776,870	372,935,067	330,209,957	22,826,072	10,143,617	9,755,421
14 Construction Work in Progress: Production Adjustments:	376,735	22,438	1,243	353,054	309,129	22,879	9,726	11,320
Production Adjusted	376,735	22,438	1,243	353,054	309,129	22,879	9,726	11,320
Transmission Adjustments:	1,010,363	60,177	3,334	946,853	829,052	61,358	26,085	30,359
Transmission Adjusted	1,010,363	60,177	3,334	946,853	829,052	61,358	26,085	30,359
Distribution Adjustments:	2,780,757	0	0	2,780,757	2,494,183	158,977	73,975	53,622
Distribution Adjusted	2,780,757	0	0	2,780,757	2,494,183	158,977	73,975	53,622
General Adjustments:	1,429,333	53,447	3,059	1,372,827	1,214,293	84,478	37,357	36,699
General Adjusted	1,429,333	53,447	3,059	1,372,827	1,214,293	84,478	37,357	36,699
Total Construction Work in Progress Adjustments:	5,597,188	136,062	7,636	5,453,490	4,846,657	327,691	147,143	132,000
Total Construction Work in Progress Adjusted	5,597,188	136,062	7,636	5,453,490	4,846,657	327,691	147,143	132,000

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Allocation of Rate Base

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A	Basis of Allocation Reference	D	C	E	F	G	H	I
		On-System Wholesale	Total	Missouri	Kansas	Oklahoma	Arkansas	
15	Materials and Supplies (13-Month Avg)							
	Fuel							
	Adjustments							
	Fuel Adjusted	10,886,360	686,316	31,075	10,169,000	8,972,399	577,814	293,608
	Other Production Materials							
	Adjustments							
	Other Production Materials Adjusted	8,031,782	514,105	28,480	8,089,197	7,082,793	524,195	222,847
	Transmission & Distribution Materials							
	Adjustments							
	Transmission & Distribution Materials Adjusted	8,065,343	40,155	3,586	8,021,601	7,194,006	457,511	214,557
	Cleaning Account Materials							
	Adjustments							
	Cleaning Account Materials Adjusted	8,065,343	40,155	3,586	8,021,601	7,194,006	457,511	214,557
	Total Materials and Supplies							
	Adjustments							
	Total Materials and Supplies Adjusted	27,672,836	1,243,915	63,333	26,365,588	23,325,081	1,564,800	733,347
	Prepayments - 13-Month Average							
	Adjustments							
	Prepayments Adjusted	2,091,228	78,198	4,475	2,008,555	1,776,607	123,598	54,656
	Cash Working Capital							
	Deferred Income Taxes							
	Liberalized Depreciation							
	Adjustments							
	Liberalized Depreciation Adjusted	99,825,023	4,016,699	229,884	95,578,441	83,967,207	6,346,204	2,730,959
	Investment Tax Credit							
	Prior 1971 Additions							
	Customer Deposits							
	Kilowatt Hour Sales							
	Loss Off-System Wholesale							
	System Kilowatt-Hour Sales							
	%							
	12 Month Average Consolidant Peak Demand							
	%							
	Depreciable Distribution Plant:							
	Total Distribution Plant							
	Less Nondepreciable Distribution Plant							
	Depreciable Distribution Plant							
	%							

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A Basis of Allocation Reference	B Total Company	C On-System Wholesale Missouri	D Kansas	E Total	F Missouri	G Retail Kansas	H Oklahoma	I Arkansas
Electric Operating Revenues:								
24 Residential Adjustments Residential Adjusted	125,196,648 1,347,456 126,544,104	0 0 0	0 0 0	125,196,648 1,347,456 126,544,104	111,132,284 1,347,456 112,479,740	7,984,600 0 7,984,600	3,609,699 0 3,609,699	2,470,065 0 2,470,065
25 Commercial Adjustments Commercial Adjusted	90,577,903 234,082 90,811,985	0 0 0	0 0 0	90,577,903 234,082 90,811,985	83,183,772 234,082 83,417,854	3,660,279 0 3,660,279	1,935,661 0 1,935,661	1,797,493 0 1,797,493
26 Industrial Adjustments Industrial Adjusted	50,642,829 (226,701) 50,416,128	0 0 0	0 0 0	50,642,829 (226,701) 50,416,128	41,899,069 (226,701) 41,672,368	3,924,718 0 3,924,718	2,013,236 0 2,013,236	2,805,805 0 2,805,805
27 Public Street & Hwy Lighting Adjustments Public Street & Hwy Lighting Adjusted	2,249,796 0 2,249,796	0 0 0	0 0 0	2,249,796 0 2,249,796	1,976,539 0 1,976,539	145,803 0 145,803	75,041 0 75,041	52,413 0 52,413
28 Other Public Authorities Adjustments Other Public Authorities Adjusted	4,959,793 0 4,959,793	0 0 0	0 0 0	4,959,793 0 4,959,793	4,376,831 0 4,376,831	264,096 0 264,096	166,399 0 166,399	152,467 0 152,467
29 Inter-departmental Adjustments Inter-departmental Adjusted	91,559 0 91,559	0 0 0	0 0 0	91,559 0 91,559	91,559 0 91,559	0 0 0	0 0 0	0 0 0
30 On System Wholesale	12,439,772	11,620,592	819,179	0	0	0	0	0
Total On-System Revenue from								
31 Sale of Electricity Adjustments Total On System Revenue from Sale of Electricity Adjusted Less: Provision for Rate Refund Total On System Revenue Adjusted Less: Provision for Rate Refund	286,157,599 1,354,837 287,512,436 0 287,512,436	11,620,592 0 11,620,592 0 11,620,592	819,179 0 819,179 0 819,179	273,717,827 1,354,837 275,072,664 0 275,072,664	242,660,054 1,354,837 244,014,891 0 244,014,891	15,979,496 0 15,979,496 0 15,979,496	7,800,035 0 7,800,035 0 7,800,035	7,278,242 0 7,278,242 0 7,278,242
32 Other Electric Operating Revenues	3,489,706	0	0	3,489,706	3,121,865	204,226	98,816	64,798
33 Total On-System Electric Revenues % Adjustments Total On System Electric Revenues Adjusted	289,647,305 100.0000% 1,354,837 291,002,142	11,620,592 4.0120% 0 11,620,592	819,179 0.2828% 0 819,179	277,207,533 95.7052% 1,354,837 278,562,370	245,781,919 84.8556% 1,354,837 247,136,756	16,183,722 5.5874% 0 16,183,722	7,898,852 2.7771% 0 7,898,852	7,343,040 2.5352% 0 7,343,040
34 Off System Wholesale Adjustments Off-System Wholesale Adjusted	13,885,950 (213,031) 13,672,919	827,040 0 827,040	45,816 0 45,816	13,013,093 (213,031) 12,800,063	11,394,091 (213,031) 11,181,061	843,273 0 843,273	358,494 0 358,494	417,234 0 417,234
35 Total Electric Operating Revenues Adjustments Total Electric Operating Revenues Adjusted	303,533,255 1,141,806 304,675,061	12,447,633 0 12,447,633	864,996 0 864,996	290,220,626 1,141,806 291,362,433	257,176,010 1,141,806 258,317,817	17,026,995 0 17,026,995	8,257,346 0 8,257,346	7,760,275 0 7,760,275

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	A Basis of Allocation Reference	B Total Company	C On System Wholesale Missouri	D Kansas	E Total	F Missouri	G Retail Kansas	H Oklahoma	I Arkansas
Electric Operating Expenses:									
36	Production Expense Off System Wholesale Adjustments:	7,832,100	493,763	22,356	7,315,981	6,455,099	415,702	211,233	233,947
	Off System Wholesale Adjusted	0	0	0	0	0	0	0	0
		7,832,100	493,763	22,356	7,315,981	6,455,099	415,702	211,233	233,947
a.	Variable Production Expense Adjustments:	93,781,109	5,912,284	267,693	87,601,132	77,292,982	4,977,596	2,529,290	2,801,264
	Variable Production Expense Adjusted	0	0	0	0	0	0	0	0
		93,781,109	5,912,284	267,693	87,601,132	77,292,982	4,977,596	2,529,290	2,801,264
b.	Fixed Production Expense Adjustments:	31,640,179	1,884,474	104,396	29,651,309	25,962,292	1,921,461	816,856	950,700
	Fixed Production Expense Adjusted	0	0	0	0	0	0	0	0
		31,640,179	1,884,474	104,396	29,651,309	25,962,292	1,921,461	816,856	950,700
c.	Total On System Production Expense Adjustments:	125,421,288	7,796,756	372,089	117,252,441	103,255,274	6,899,056	3,346,146	3,751,964
	Total On System Production Expense Adjusted	0	0	0	0	0	0	0	0
		125,421,288	7,796,756	372,089	117,252,441	103,255,274	6,899,056	3,346,146	3,751,964
37.	Transmission Expense Adjustments:	3,882,919	231,265	12,812	3,636,843	3,186,122	235,804	100,246	116,671
	Transmission Expense Adjusted	52,982	3,150	174	49,557	43,392	3,211	1,365	1,589
		3,935,901	234,414	12,986	3,688,400	3,229,514	239,015	101,611	118,260
38	Distribution Expense Adjustments:	11,847,607	56,986	5,268	11,783,353	10,567,654	672,062	315,175	228,462
	Distribution Expense Adjusted	309,671	1,542	136	307,991	276,216	17,566	8,238	5,971
		12,157,278	60,528	5,406	12,091,344	10,843,870	689,628	323,413	234,433
39	Customer Accounts Expense Adjustments:	6,610,352	128	43	6,610,182	5,773,773	439,165	231,525	165,719
	Customer Accounts Expense Adjusted	163,890	3	1	163,886	143,149	10,888	5,740	4,109
		6,774,242	131	44	6,774,068	5,916,922	450,053	237,265	169,828
40	Customer Assistance Expense Adjustments:	1,030,335	20	7	1,030,909	900,464	66,491	36,108	25,845
	Customer Assistance Expense Adjusted	40,703	1	0	40,702	35,552	2,704	1,426	1,020
		1,071,039	21	7	1,071,611	936,016	71,195	37,534	26,866
41	Sales Expense Adjustments:	326,213	0	0	326,213	289,412	18,952	9,250	6,599
	Sales Expense Adjusted	13,604	0	0	13,604	12,070	790	366	359
		339,818	0	0	339,818	301,482	19,742	9,636	6,958
42	Subtotal	156,951,415	8,580,919	412,574	147,957,921	130,427,799	8,749,233	4,249,682	4,531,207
	Less Off System Wholesale System Subtotal	7,832,100	493,763	22,356	7,315,981	6,455,099	415,702	211,233	233,947
	%	149,119,315	8,087,157	390,218	140,641,940	123,972,700	8,333,530	4,038,450	4,297,261
	Adjustments	100,000	5,423	0.2617	94,3151	83,1366	5,5865	2,7082	2,8818
	System Subtotal Adjusted	580,750	4,695	314	575,741	510,378	35,160	17,155	13,048
		149,700,065	8,091,852	390,531	141,217,681	124,403,077	8,368,691	4,055,604	4,310,309

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A Basis of Allocation Reference	B Total Company	C On-System Wholesale	D Wholesale	E Total	F Missouri	G Retail	H Oklahoma	I Arkansas
		Missouri	Kansas			Kansas		
43. Administrative and General Expenses								
a. Research and Development Adjustments	58	0	0	0	0	0	0	0
Research and Development Adjusted		0	0	0	0	0	0	0
b. Franchise Requirements, Adjustments	58	0	0	0	0	0	0	0
Franchise Requirements, Adjusted		0	0	0	0	0	0	0
c. Regulatory Commission Adjustments	58	1,091,401	76,267	1,000,015	817,261	131,434	34,029	16,491
Regulatory Commission, Adjusted		250,000		250,000	250,000		0	
		1,341,401	76,267	1,250,015	1,067,261	131,434	34,029	16,491
d. Other Administrative & General Adjustments	42	23,766,822	1,280,941	22,415,687	19,758,923	1,328,208	643,653	604,903
Other Administrative & General Adjusted		374,279	20,364	352,932	310,958	20,984	10,169	10,821
		24,141,100	1,309,305	22,768,619	20,069,880	1,349,193	653,822	695,724
e. Total Administrative & General Expense Adjustments	6	24,858,223	1,365,208	23,415,702	20,576,184	1,458,643	678,482	701,394
Total Administrative & General Adjusted		624,279	20,364	602,932	560,958	20,984	10,169	10,821
		25,482,502	1,385,573	24,018,634	21,137,141	1,480,627	688,651	712,215
44. Total System Electric Operating Expense Adjustments		173,977,538	9,452,365	164,057,642	144,548,883	9,793,173	4,716,931	4,998,634
Adjusted System Electric Operating Expense Plus Off System Wholesale		1,205,029	25,059	1,178,673	1,071,335	56,145	27,324	23,869
		175,182,566	9,477,424	165,236,315	145,620,219	9,849,318	4,744,255	5,022,523
Total Adjusted System Electric Operating Expense		7,832,100	493,163	7,315,981	6,455,099	415,702	211,233	233,947
		183,014,666	9,971,187	172,552,296	152,075,318	10,265,020	4,955,488	5,256,470
Depreciation and Amortization Expense:								
45. Production Adjustments	1	10,208,416	608,008	9,566,725	8,376,497	619,942	263,551	306,735
Production Adjusted		12,806,946	762,175	12,001,914	10,508,625	777,795	330,658	384,837
		23,015,362	1,370,784	21,568,639	18,885,122	1,397,737	594,209	691,572
46. Transmission Adjustments	2	2,957,377	176,140	2,771,479	2,426,670	179,597	76,351	88,861
Transmission Adjusted		983,319	58,566	921,509	806,861	59,716	25,386	29,546
		3,940,696	234,706	3,692,988	3,233,531	239,313	101,737	118,407
47. Distribution Adjustments	21	11,552,553	57,419	11,490,053	10,302,714	656,180	307,984	223,175
Distribution Adjusted		14,278,117	850,398	13,380,609	12,737,347	355,497	166,856	120,909
		25,830,670	907,816	24,870,662	23,040,061	1,011,677	474,840	344,084
48. General Adjustments	5	1,754,004	65,588	1,684,662	1,490,118	103,667	45,843	45,036
General Adjusted		(1,321,869)	(1,917)	(1,323,786)	(1,273,344)	(1,502)	(664)	(653)
		1,721,818	63,671	1,654,499	1,462,774	102,164	45,178	44,383
49. Amortization of Electric Plant Adjustments	4	654,086	24,458	628,228	555,680	38,658	17,095	16,794
Amortization of Electric Plant Adjusted		654,086	24,458	628,228	555,680	38,658	17,095	16,794
50. Total Depreciation Expense Adjustments	over 12323	27,126,436	931,613	26,141,147	23,151,679	1,598,044	710,824	680,601
Total Depreciation Expense Adjusted		28,036,196	1,609,822	26,273,869	24,025,489	1,191,505	522,236	534,639
		55,162,632	2,601,435	52,415,017	47,177,168	2,789,549	1,233,060	1,215,240

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	A Basis of Allocation Reference	B Total Company	C On-System Wholesale		D Kansas	E Total	F Missouri	G Retail Kansas	H Oklahoma	I Arkansas
			Missouri							
51 Taxes Other Than Income Taxes:										
a Property Taxes	7	8,805,678	329,273		18,845	8,457,560	7,480,681	520,441	230,145	226,093
Adjustments		1,521,509	56,897		3,256	1,461,435	1,292,669	89,930	39,768	39,068
Property Taxes Adjusted		10,327,207	386,170		22,101	9,918,996	8,773,550	610,371	269,913	265,161
b Payroll Taxes	42	1,944,842	105,474		5,089	1,834,278	1,616,875	108,687	52,670	56,046
Adjustments		161,101	7,858		379	152,864	136,668	8,097	3,924	4,175
Payroll Taxes Adjusted		2,105,943	113,332		5,468	1,987,142	1,753,543	116,784	56,594	60,221
c Other Taxes	58	5,356,352	0		0	5,356,351	4,836,536	300,144	119,012	100,660
Adjustments					0					
Other Taxes Adjusted		5,356,352	0		0	5,356,351	4,836,536	300,144	119,012	100,660
Total Taxes Other Than Income Taxes	over 519	16,106,872	434,747		23,934	15,648,189	13,934,292	929,272	401,827	382,798
Adjustments	due to diff calculation	1,682,690	64,755		3,635	1,614,299	1,429,337	98,027	43,692	43,243
Total Taxes Other Than Income Taxes Adjusted		17,789,561	499,502		27,570	17,262,488	15,363,629	1,027,299	445,519	426,042
52 Net Elec Operating Income Before Inc Tax		78,490,310	1,135,145		297,499	77,057,667	69,086,057	4,290,805	2,216,531	1,464,275
Less Off-System Wholesale		5,840,820	333,278		23,460	5,484,082	4,725,962	427,571	141,261	183,288
System Net Electric Operating Income		72,649,490	801,867		274,039	71,573,585	64,360,095	3,863,234	2,069,270	1,280,987
Adjustments		(29,782,108)	(1,759,636)		(97,436)	(27,925,035)	(25,384,355)	(1,345,677)	(593,252)	(601,752)
Net On System Electric Operating Income		42,867,382	(957,769)		176,603	43,648,550	38,975,740	2,517,557	1,476,018	679,235
Before Income Taxes Adjusted										
53 State Income Taxes	60	1,004,092	14,521		3,806	985,765	883,788	54,890	28,355	18,732
Less Off-System Wholesale		74,719	4,263		300	70,155	60,457	5,470	1,884	2,345
System State Income Taxes		929,373	10,258		3,506	915,609	823,330	49,421	26,471	16,387
Adjustments		(1,769,330)	(45,713)		(11,980)	(1,711,637)	(1,390,619)	(172,792)	(89,260)	(58,967)
System State Income Taxes Adjusted		(839,957)	(35,455)		(8,475)	(796,026)	(567,286)	(123,371)	(62,789)	(42,580)
54 Federal Income Taxes	60	15,397,440	(284,821)		62,904	15,619,358	13,952,916	897,742	520,207	248,493
Less Off-System Wholesale		119,690	6,830		481	112,380	96,844	8,762	3,018	3,756
System Federal Income Taxes		15,277,750	(291,651)		62,423	15,506,978	13,856,071	888,980	517,189	244,737
Adjustments		(4,535,994)	426,806		(94,261)	(4,109,449)	(12,371,367)	(1,345,271)	(779,533)	(372,309)
System Federal Income Taxes Adjusted		741,756	135,155		(31,836)	638,439	1,484,704	(456,291)	(262,344)	(127,631)
55 Net Electric Operating Income	under 6030	62,088,778	1,405,445		230,790	60,452,544	54,249,353	3,338,172	1,667,969	1,197,049
Less Off-System Wholesale		5,646,410	322,185		22,679	5,301,546	4,568,660	413,339	142,360	177,167
System Net Electric Operating Income		56,442,367	1,083,260		208,111	55,150,998	49,680,693	2,924,833	1,525,609	1,019,882
Adjustments		13,476,784	2,140,730		(8,805)	11,344,859	11,622,369	(172,385)	(275,542)	170,417
System Net Electric Operating Income Adjusted		42,965,583	(1,057,470)		216,916	43,806,139	38,050,324	3,097,218	1,801,150	849,446

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	A Basis of Allocation Reference	B Total Company	C On-System Wholesale		D Kansas	E Total	F Missouri	G Retail Kansas	H Oklahoma	I Arkansas
			Missouri	3						
56. Number of Electric Customers; Less Off System Wholesale	58	155,053			1	155,044	135,426	10,301	5,431	3,887
57. Off System Wholesale:										
Revenues	22	13,885,950	827,040		45,816	13,013,093	11,394,091	843,273	358,494	417,234
Operating Expenses	22	7,832,100	493,763		27,356	7,315,981	6,455,099	415,702	211,233	233,947
Income Taxes	60	194,409	11,093		781	182,535	157,302	14,232	4,902	6,101
Net Operating Income		5,859,441	322,185		27,679	5,514,577	4,781,691	413,339	142,360	177,187

58. Assigned directly on basis of location

59. Intangible plant allocated to wholesale pertains to Stockton Line

60. Income Taxes calculated by applying appropriate tax rates to taxable income by jurisdictions