

JUL 25 2018

Missouri Public Service Commission



The Empire District Electric Company
- A Liberty Utilities Company
Case No. ER-2018-0366
OPC Data Request – 1301

Page 1 of 1

Data Request Received: 06/15/18

Request No. 1301

Date of Response: 07/05/2018 Respondent: Charlotte North

REQUEST:

Please provide all supporting documentation for the Company's position on the financial adjustments for the tax rate change.

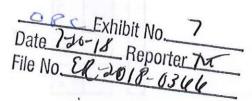
OBJECTION:

The Company objects on the basis that the request is vague (Company's position on the financial adjustments for the tax rate change). Depending on the intent of this request, the request may be overbroad and unduly burdensome and may seek irrelevant information. Empire also objects to this request to the extent it seeks production of attorney-client communications and/or attorney work product. Subject to these objections, a response will be provided within the time allotted.

RESPONSE:

The below listed documents serve as the supporting documentation for the Company's position on the financial adjustments as it pertains to the tax rate change due to the recent passage of the Tax Cuts and Jobs Act of 2017.

File Name	Description
MO Empire Excess ADIT.xlsx	Calculation of the estimated Excess ADIT by jurisdiction based on a federal tax rate of 21% versus 35%. Calculation as of December 31, 2017
MO Annual Base Rate Revenue Impact.xlsx	Calculation of the estimated impact on the annual base rate revenue requirement. Estimation based on the blackbox settlement reached in Docket No. ER-2016-0023



OPC Data Request - 1301

Estimated Annual Missouri Tax Reform Revenue Requirement Impact

Page 1 of 1

	CON	FIDENTIAL 4 CSR 240-2.135(2)(A)(5)	
	Description	The Empire D	istrict Electric Company
Line No.	Revenue Requirement Component	21% Federal Income Tax Rate	35% Federal Income Tax Rate(1)
	(a)	(b)	(c)
1	OpEx	352,263,768	352,263,768
2	Rate Base	1,345,483,910	1,345,483,910
3	ROR	7.33%	7.33%
4	Return on Rate Base	98,664,126	98,664,126
5	Interest Sync:		
6	Rate Base	1,345,483,910	1,345,483,910
7	Weighted Cost of Debt	2.72%	2.72%
8	Interest Deduct	36,650,982	36,650,982
9	Return on Rate Base	98,664,126	98,664,126
10	Interest Deduct	(36,650,982)	(36,650,982)
11	Net Income (Equity Portion of Return)	62,013,145	62,013,145
12	Composite Tax Rate	25.12%	38.39%
13	Equity x Tax Rate	15,576,772	23,805,978
14	GRCF	1.3354	1.6231
15	Taxes	20,801,896	38,638,918
16	Total Rev Req (MO model)	471,729,790	489,566,812
17	Total Rev Req (Per Stipulation)	489,566,812	489,566,812
18	Difference	(17,837,022)	0
Footn	otes:		
(1)	Information derived from Docket No. ER-2016-0	0023	<u>Jurisdictional Revenue</u> 489,566,812

OPC Data Request - 1301 Estimated Tax Reform Revenue Requirement Check Page 1 of 1

CONFIDENTIAL 4 CSR 240-2.135(2)(A)(5)

450000000		35% Federal Tax	21% Federal Tax
Line No.	Description	The Empire District Electric Company	The Empire District Electric Company
	(a)	(b)	(c)
1	Rate Base	1,345,483,910	1,345,483,910
2	Revenues	489,566,812	489,566,812
3	Expenses	352,263,768	352,263,768
4	Net Operating (Loss) Before Taxes	137,303,044	137,303,044
5	State Income Tax	5,247,294	5,247,294
6	Federal Income tax	33,391,624	20,034,994
7	Net Operating Income (Loss) After Taxes	98,664,126	112,020,756
8	Current Rate of Return	7.33%	8.33%
9	Rate of Return Requested	7.33%	7.33%
10	Required Net Operating Income	98,664,126	98,664,126
11	Income Deficiency	0	(13,356,629)
12	Gross Revenue Conversion factor	1.6231	1.335443
13	Revenue Deficiency	0	(17,837,022)
14	Revenue Deficiency %	0.00%	-3.64%
15	Revenue Requirement	489,566,812	471,729,790

The Empire District Electric Company
-A Liberty Utilities Company
OPC Data Request - 1301
Tax Reform Calculation-35%
Estimated Gross Revenue Conversion Factor
Page 1 of 1

CONFIDENTIAL 4 CSR 240-2.135(2)(A)(5)

Line No.	Description (a)	Rate (b)	Factor (c)
The En	npire District Electric Company		
1	State Income Tax	5.21%	5.21%
2	Federal Taxable Income		94.79%
3	Federal Income Tax	35.00%	33.18%
4	Operating Income		61.61%
5	Gross Revenue Conversion Factor		1.6231

OPC Data Request - 1301 Estimated Interest Synchronization-35%

Page 1 of 1

CONFIDENTIAL 4 CSR 240-2.135(2)(A)(5)

Line No.	Description (a)	Amount (b)	Source (c)
The Emp	ire District Electric Company		
1	Rate Base	\$ 1,345,483,910	LU Central Rate Base
2	Weighted Cost of Debt	2.72%	LU Central Rate of Return
3	Synchronized Interest Expense	36,650,982	Line 1 x Line 2
4	Change in State Income Tax Expense	(1,910,726)	Line 3 x GRCF 35% Federal Column (c), Line 1
5	Change in Federal Income Tax Expense	(12,159,073)	Line 3 x GRCF 35% Federal Column (c), Line 3

The Empire District Electric Company -A Liberty Utilities Company OPC Data Request - 1301

Estimated Income Taxes Calculation-35%

Page 1 of 1

		CONFIDENTIAL 4 CSR 240-2.135(2)(A)(5)			···
Line No.	Description (a)	Reference (b)	Adjusted Federal (c)	Adjusted State (d)	(e) = (c) + (d)
1	Net Operating Income Before Tax	The Empire District Electric Company Check Revenue Requirement Line 4	\$ 137,303,044	\$ 137,303,044	The second secon
2	Effective Tax Rates	GRCF 35% Federal	33.18%	5.21%	
3	Tax - Subtotal	Line 1 x Line 2	45,550,697	7,158,020	
4	Interest Synchronization - Tax Impact	Interest Sync 35% Federal	(12,159,073)	(1,910,726)	
5	Taxes - Total	Line 3 + Line 4	\$ 33,391,624	\$ 5,247,294	\$ 38,638,918
6	Estimated Deferred Taxes	Estimated 12/31/2017 Balance	312,162,583	-	312,162,583
7	Current Taxes	Line 5 - Line 6	(278,770,959)	5,247,294	(273,523,665)
8	Taxes - Total	Line 6 + Line 7	\$ 33,391,624	\$ 5,247,294	\$ 38,638,918

The Empire District Electric Company
-A Liberty Utilities Company
OPC Data Request - 1301
Tax Reform Calculation-21%
Estimated Gross Revenue Conversion Factor
Page 1 of 1

	CONFIDENTIAL 4 CSR	240-2.135(2)(A)(5)	
Line No.	Description	Rate	Factor
	(a)	(b)	(c)
	The Empire District	Electric Company	
1	State Income Tax	5.21%	5.21%
2	Federal Taxable Income		94.79%
3	Federal Income Tax	21.00%	19.91%
4	Operating Income		74.88%
5	Gross Revenue Conversion Factor		1.3354

OPC Data Request - 1301 Estimated Interest Synchronization-21%

Line 3 x GRCF 21% Federal Column (c), Line 1

Line 3 x GRCF 21% Federal Column (c), Line 3

Page 1 of 1

	CONFIDENTIAL	4 CSR 240-2.135(2)(A)(5)	
Line No.	Description	Amount	Source
	(a)	(b)	(c)
18 Feb. 1	The Empire C	istrict Electric Company	
1	Rate Base	\$ 1,345,483,910	Check Revenue Requirement Line 1
2	Weighted Cost of Debt	2.72%	LU Central Rate of Return
3	Synchronized Interest Expense	36,650,982	Line 1 x Line 2

(1,910,726)

(7,295,451)

4

5

Change in State Income Tax Expense

Change in Federal Income Tax Expense

The Empire District Electric Company
-A Liberty Utilities Company
OPC Data Request - 1301
Estimated Income Taxes Calculation-21%
Page 1 of 1

		CONFIDENTIAL 4 CSR 240-2.135(2)(A)(5)			
Line No.	Description {a}	Reference (b)	Adjusted Federal (c)	Adjusted State (d)	Total Taxes (e) = (c) + (d)
4. d 114		The Empire District Electric Company	in a magnification of		11.44211.4
1	Net Operating Income Before Tax	Check Revenue Requirement Line 4	\$ 137,303,044	\$ 137,303,044	
2	Effective Tax Rates	GRCF 21% Federal	19.91%	5.21%	
3	Tax - Subtotal	Line 1 x Line 2	27,330,446	7,158,020	
4	Interest Synchronization - Tax Impact	Interest Sync 21% Federal	(7,295,451)	(1,910,726)	
5	Taxes - Total	Line 3 + Line 4	\$ 20,034,994	\$ 5,247,294	\$ 25,282,288
6	Deferred Taxes		312,162,583	-	312,162,583
7	Current Taxes	Line 5 - Line 6	(292,127,589)	5,247,294	(286,880,295)
8	Taxes - Total	Line 6 + Line 7	\$ 20,034,994	\$ 5,247,294	\$ 25,282,288

Desiredates Learner Lear	E-tense (c)	-		Arriant Plant Plant										Protected
		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Name Classical Actions	The state of	Effection .	SE CONTRACTOR OF	Welode In Xete Base	Mismurd	r. Kr	Manual	Kanan	Olin hama		Unprefected [2]
		i			•	ī	‡	Ē	₹	Ē	Ξ	9	ā	ā
	(5,245,691)	408.420					(5,245,691)	[542,442]	(0,033)	(955)	(967,194)	(141,513)	M (ESE,ESE)	Powibly perdelly projected
	7.925,126	700000000					7,928,326	27%,742	10,334	6,791,062	3(3,(0)	214330	231,672	Unprotected
	t'og						3,062	in.	۵	2,128	9	92	Š	Fourtier pardelly protected
190122 190124 100125	1,065,816 (2,057,958) 1,050,350					1,050,080	1,000,910 (6,639,745)	570,70 (CBL,702)	1,389 (8,930)	\$13,283 \$5,060,3723	24.255 248.485	28,830 1384,9021	1204,021)	Unpergracted
														Persibly particly
112061	1540,043			(\$60)'QF\$'f\$	ŝ							•		Protected This eyes be possibly protected if
	2,340,769		Š	lesc'arc's								,		sonerated by Sonera deprectation
	10,524,780 787,952,01						185,824,01	306.040	82 27	9,017,734	9,359	4,968	30,070	Unevaluedad
	12,647,863	(12,547,861)					. Contraction	, 9	161.07		176.10	1		Unprolucted
1 Define Sa-Powter Ben-Penalon 190033	(7.353,448)						NAME OF	(255,749)	(0,572)	(£,200,502)	024.554)	(108,704)		Unprotected
	417,720				(637,414)		8CT-965/A		22,022	15.676,513	856,224	478,107		Unjarotacted
	22,969,188	(805,569,500)					241.361	. 99	. ģ	200 000	598.61	. 9	. 197	Unbrutecial
	10°00						100,943	0.780	ă	920,500	0,030	27		Unbrotected
SWPA De Breich Dei Tri-OK 190400 SWPA De Breich Dei Tri-OK 190400 SWPA De Breich Dei Tri-FRRC 190450	107.333					-	107.152	24,452 447,0 440,040	\$ <u>\$</u> 8	91.983 61.983	CENTRAL STATE	2 c c chick chick	C11.00 PG.E. C05.00	Unpredected Unpredected Unpredected
282300	(424,216,200)		ធ	2,040,709 3,040,685	â		[422,394,807]	(14,464,543)	(554,747)	(gor'sor's)sd	(24,369,726)	(12,554,764)		mailbly partiaty protected
SECTION	[646,629]						(909'99-0)	(22,489)	(942)	(554,018)	(20,25)	(12,441)	(centar)	Powibly partially protected
Acc Onl Find Inc Tu-LD Roylut DK	ed DOe		(00,00)				•						٠.	Positibly partially protected
Acc Deffeul Inc Yn LD NanUY CR	44,955		(48,055)				,		•		,	٠		Possible partelly presected
Accum Daf Fed Inc Tekid Ok Jur	(107,755)						(147,755)	(60,23)	(test)	(ses'ezr)	(905/2)	tren'd	-	Possibly pertaby protected
Access Delife de les Testal Percis 283350 Access Delife del les Testal Streets 283300	(acc,acc)						(DEC. PET)	(11,748)	2442	(290,052)	lecc'(t)	(17,17)	(Sale, c	Possibly pertially prosected
	(182,220,1)						(4,027,281)	(141,110)	6.16	(2,070,15)	(\$99,662)	(400.001)		Unprotected
	n.m.					1,945,247	047,4691	(12,045)	(483)	(41,525,217) (41,525,213)	(274,842) (37,499)	145,572	145,722	Unurelacied
• • •	(KPY)OTE'S	CH+'01C'A					(1,20,027)	(CL. 201)	10.39	(4,098,605)	(gerrer	iccterii		Unavaluated
	0.055,420						(3,635,426)	(126,438)	14,736	0,114,8069	1185.3741	(98,281)	(105,902)	Unwestrated
	(22,969,188)	22,959,185							Cover	I TO THE PERSON IN	(Targett)	(00070)	(arc'ass	Unocolected
Def 15 Gebe Equity AddOC 285922 Def 17 Geb Equity AddOC 285922 Def 17 Gebe Equity AddOC 285922	(24,196,42)		839				, 60 tr	. 5	, E	. 5	. = 3	. 0	. 0	Unprotected
1	(407,708,000)	12,181,055	1307,21%		1024	4) 893,847	1627,174,3569	1	(559,081)	D67,770,520	(21,450,39m)	11,667,799	117,101,501	Droposinging
						•	NSG PC	38 (1994)	7# Obes	340040	W (M)	28 Don.	\$1 00P	
						•	11204113671	(19) (HD) (MD)	(1,447,441)	PAS, 462,489	(17,394,099)	PQ-467,409	(17.03.25)	
44 Proposed Compositie Tex Rate:						•	35 RAY	23.64%	27.65	75,64%	78 GAN	23.69	73 649	
Collimated Delimics of ADIT after Reforms						•	DIEM 420, SOPE	(10,048,419)	(170,363)	(247,349,420)	14,738,4151	17,819,777	[0.438,786]	
fathwated facets ADIT (Regulatory Usbillity); 254430						•	140,751,757	(4,677,947)	1163,762)	(170,179,704)	(7,343,944)	D.791,0431	(A,DBA,RTO	
Composite Gross Up Convenion Factor						•	37445	1,3448	1,344K	1,3445	1,3448	1,344R	1344	
Estimated Excess ADIT (Gross-Up)						•	(148,615,78K)	99 266 299	(245,791)	1353,007,7193	15,007,305.F	C.0949,0399	(5,496,629)	
25/100						•	(112,011)	(1,545,003)	102,799]	(4),477,032	(S.403,393)	(1,307,477)	[1,400,207]	

ANGELOR		
adispuri	45,58%	Sid day
	4,00%	Shrin
nas.	2.93%	WPFIS
amp.	2,70%	WPSS
Retails	TARK.	WPPS
- Intel	กา	¥.₹
	100n0pk	SK dW
MO-Resula	1465716	W 78
duct	MIGG	SH MA

									Wholes	ale de la company		Ret	ull .		
Une No. Description	Account	Balance	Non-Cash	Non-Electric	Net NOL Against Plant	Disallowed Plant	Exclude as Exclude Already Tax MO Last C	nse Include in Rate.	Missouri	Kapsas	Missouri	Kansas	Oklahoma	Arkanssa	Protected Unprotected (2)
(a)	(b)	(c)	(d)	(c)	(f)	(e)	(h) (l)	Ü	(k)	(1)	(m)	(n)	(o)	(p)	(q)
1 Acc Of Tx-Ozark Beach Loss Gen	190112	(5,245,691)						(5,245,691)	(182,442)	(6,833)	(4,494,SSG)	(267,194)	(141,813)	(152,853)	Possibly partially protected
2 Def Fd Inc Tx-Acr Rate Ref-Ark	190122	3,652						3,652	127	s	3,129	186	99	106	Possibly partially protected
3 Define Tx - Disallow Plant	190211	1,540,695				(1,540,695)		_	-	-	_	-	_	_	Possibly partially protected
4 Def Tx Net Operating Loss	190230	5,380,769			(5,380,769)			-	-		-		-	-	This mat be possibly protected if generated by bonus depreciation
S Accum Def Fed Inc Tx-Ld Elect	282100	(434,316,360)			5,380,769	1,540,695		(427,394,897)	(14,864,543)	(556,747)	(366,195,869)	(21,769,720)	(11,554,264)	(12,453,754)	Possibly partially protected
6 Accum Def Fed Inc Tx-Ld Ks Jur	282120	(646,629)						(646,629)	(22,489)	(842)	(554,038)	(32,937)	(17,481)	(18,842)	Possibly partially protected
7 Acc Def Fed Inc Tx-LD NonUt DR	282130	50,000		(60,000)				-	-	-		-	_	_	Possibly partially protected
8 Acc Def Fed Inc Tx-LD NonUT CR	282135	48,055		(48,055)						-	-	-	_		Possibly partially protected
9 Accum Def Fed Inc Tx-Ld Ok Jur	282140	(147,755)						(147,755)	(5,139)	(192)	(125,598)	(7,526)	(3,994)	(4,305)	Possibly partially protected
10 Accm Def Fed Inc Tx-Ld Ferc.ir	282150	(339,226)						(339,226)	(11,798)	(442)	(290,652)	(17,279)	(9,171)	(9,885)	Possibly partially protected
11 Total Accumulated Deferred Income Taxes:	_	(433,662,491)		(108,055)	-	* .	-	(433,770,546)	(15,086,284)	(565,053)	(371,658,583)	(22,094,469)	(11,726,624)	(12,639,532)	-
12 Current Composite Tax Rate:								38.09%	38.09%	38.09%	38.09%	38,09%	38,09%	38,09%	•
13 Line 42 / Line 43								(1,138,879,017)	(39,609,541)	(2,483,565)	(975,801,991)	(58,009,765)	(30,788,642)	(33,185,513)	•
14 Proposed Composite Tax Rate;								25.64%	25.64%	25.64%	25.64%	25.64%	25.64%	25.64%	•
15 Estimated Balance of ADIY after Reform:								(292,014,758)	(10,156,101)	(380,394)	(250,200,924)	(14,874,018)	(7,894,375)	(8,508,94G)	•
16 Estimated Excess ADIT (Regulatory Liability):	254430							(141,755,787)	(4,930,183)	(184,659)	(121,457,659)	(7,220,451)	(3,832,249)	(4,130,587)	•
17 Composite Gross Up Conversion Factor	•							1.3448	1,3448	1.3448	1,3448	1.3448	1.3448	1.3448	•
18 Estimated Excess ADIT (Gross-Up)								(190,635,746)	(6,630,199)	(248,332)	(163,338,456)	(9,710,193)	(5,153,678)	(5,554,888)	•
19 Gross Up Regulatory Portion:	254100							(48,879,958)	(1,700,016)	(63,674)	(41,880,797)	(2,489,742)	(1,321,429)	(1,424,301)	•

WP PIS

85.68%

5.09%

2.91%

2.70%

3.48%

0.13%

100,00%

96.39%

3,61%

ADIT Allocator: Missouri

Konsas

Arkonsas

Oklahoma

MO - Resale

MO - Resale

Based on total percentage allocation of jurisdictional portion of Total Plant

KS - Resale

KS - Resale

Total:

The Empire District Electric Company

Tax Reform Accumulated Deferred Income Tax Analysis-Per General Ledger

As of December 31, 2037

Page 1 of 1

Tichicide MO Last Class
(1) (1)
(1,050,310) (1,050
1,050,900; 1,350
1,000,305) 1,000,305)
(5,250,205) (5,520,705) (1,050,205) (1,050
(1,050,395) 1180,750 10,524,777 10,524,445) 117,556,138 117,566,138 117,566,13
10,244,750 6,304 13,710 90 10,244,551 (21,483) (1821) (623,455) (21,483) (1821) (7,358,448) (215,833) (1922) (15,594) (1
(523,455) (52,653) (513) (52) (523,455) (23,653) (513) (52) (7559,446) (255,743) (5,572) (5,572) (7559,446) (1,525,743) (4,572) (5,572) (7559,446) (1,543) (4,572) (4,572) (7559,446) (1,443) (2,244) (4,572) (7559,446) (1,443,10) (5,246) (4,723) (4,723) (1,443,10) (5,246) (5,246) (5,245,424) (1,443,10) (5,246) (4,723) (4,723,446) (1,12,643) (4,724) (4,724) (1,262,424) (1,12,643) (4,724) (4,724) (1,262,424) (1,12,643) (4,724) (1,12,643) (1,262,424) (1,12,643) (4,724) (1,12,643) (1,262,424) (1,12,643) (4,724) (1,12,643) (1,262,424) (1,12,643) (4,724) (1,12,643) (1,262,424) (1,12,643) (1,12,243) (1,12,243) (1,262,424) (1,12,643) (1,12,243) (1,12,243) (1,262,424) (1,12,643) (1,12,243) (1,12,243) (1,262,424) (1,12,643) (1,12,243) (1,12,243) (1,262,424) (1,12,643) (1,12,243) (1,12,243) (1,262,424) (1,12,643) (1,12,243) (1,12,243) (1,262,424) (1,12,643) (1,12,244) (1,12,244) (1,262,424) (1,12,243) (1,12,244) (1,12,244) (1,262,424) (1,12,243) (1,12,244) (1,12,244) (1,262,424) (1,12,244) (1,12,244) (1,12,244) (1,262,424) (1,12,244) (1,12,244) (1,12,244) (1,262,424) (1,12,244) (1,12,244) (1,12,244) (1,12,244) (1,262,424) (1,262,424) (1,12,244) (1,12,244) (1,12,244) (1,262,424) (1,262,424) (1,12,244) (
(523,455)
(7,535,448) (1,554)
17,596,38
202,701 8,443 316 2 2,202,301 8,443 316 2 2,371,351 87,000 224 1 2,071,353 1,704 803 1,000 1 (47,733 1,104 (5,21) (1,104 (1) 1)
200,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2,27,267 2,371,387 2,371,371 2,371 2
124,925 6,780 754 1 2,774,851 8,790 754 1 107,313 3,734 340 863 5 107,313 3,734 340 863 5 147,259 11,460 163 5 1,546,242 143,503 11,2469 163 1 1,546,242 143,573 11,2469 163 1 1,546,242 143,573 11,2469 163 1 1,546,243 143,573 11,2469 163 1 1,546,243 143,573 11,246 11,249 11,249 11,249 11,249 11,249 11,249 11,249 11,249 11,240 11,249 11,240 11,2
2,771,851 87,402 3,000 2.0 10,585 3,734 340 2.0 10,7359 1,1,540 80 10.0 (4,7259) (1,1,540 10.0) (5,199) (4,000,202,202) (1,540 10.0) (5,299) (4,000,202,202) (1,2,000) (4,0
107,355 3,773 140 107,359 17,360 107,359 17,360 107,359 17,360 107,359,354 107,359,354 107,359,354 107,359,354 107,359,354 107,359,354 107,359,354 107,359,354 107,359,354 1085,347 1085,347 1085,347 1085,347 1085,347 1085,347 1085,347 1085,347 1085,347 1085,347 1085,347 1085,348 10
(4,027,281) (1,040) (6) (6) (6) (7,029) (4,027,281) (14,040) (5,021) (4,027,281) (14,040) (5,021) (4,027,281) (14,027,281) (12,029) (4,027,281) (12,029) (4,702)
(4,007,281) (1,040) (61) (61) (62,282) (4,007,281) (12,41310) (5,285) (42,013) (42,1310) (5,285) (42,1310) (5,285) (42,1310) (5,285) (42,1310) (42
(4,007,201) (144,110) (5,001) (1,001)
(5,255,241) (1474,141) (14,220
1,046,242 (4,785,341 (14,789) (4,021)
(1977/402) (1407/403) (1503) (1
(4,785,073) (140,573) (4,233) (4,734)
(3,035,426) (120,438) (4,736) (3,141) (2,141) (1,141)
(3,05),545() (126,034) (4,750) (5,750)
(3,009,033)
(0) (0) (139,527) (4,852) (133) (132
(0) (0) (139,517) (4,854) (1187) (1 112,067,452 139,853 5,587 3,5 12,067,452 419,699 15,720 10,3 25,547 25,547 3,547 10,3 25,547 25,547 25,547 25,547 1,542,540 1,957 1,543,540 1,957 1,543,540 1,957 1,543,540 1,957 1,540,540 1,957 1,
(139,217 (4,185) (187)
88.05%
38,09% 38,09% 30,3 419,699 15,720 30,3 25,64% 25,64% 30,54% 30,54% 3,093
419,659 15,720 10,3 25,44% 25,44% 107,613 4,031 2,6 52,240 1,057 1,7 1,3448 1,3448
419,099 115,720 103, 125,049. 215,049. 107,013 4,031 2,0 13,448. 1,3448. 1,3448. 1,3448.
25,54% 25,54% 25,54% 20,753 4,031 2,6 25,246 1,057 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5
107,613 4,031 52,240 1,957 1,3448 1,3448
107,613 4,031 52,240 1,957 1,3448 1,3448
59,340 1,957 1,3448 1,3448 70,253 2,631
1,3448 1,3448 70,253 2,631
1,3448 1,3448 70,253 2,631
70,253 2,631
70,253 2,631
517,927 18,013 675 443,765

ADI Allocator:			
Missouri	85.68%	WP PIS	
Kansus	8.00%	WP PIS	
Arkenses	2.91%	2IA PW	
Oklahoma	2.70%	WP PIS	
MO-Result	3.43%	WP PIS	
KS - Resnie	0.13%	WP PIS	
Total:	100.00%	WP PIS	
MO-Resole	26.39%	SIG 9W	
KS - Resalp	3.67%	MP PIS	
Based on total percentage allecation of jurisdictional portion of Total Plant			

The Empire District Electric Company Tax Reform Calculation-21% Gross Revenue Conversion Factor Page 1 of 1

DRAFT - CONFIDENTIAL					
Line					
No.	Description	Rate	Factor		
	(a) ·	(b)	(c)		
<u>Total</u>	Company Composite				
1	State Income Tax	5.87%	5.87414%		
2	Federal Taxable Income		94.13%		