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Exhibit No.: 004 Service Commission

Issue(s): Revenue Requirement

True-Up

Witness: Laura M. Moore
Type of Exhibit: Surrebuttal Testimony
Sponsoring Party: Union Electric Company

File No.: GR-2019-0077

Date Testimony Prepared: July 10, 2019

MISSOURI PUBLIC SERVICE COMMISSION FILE NO. GR-2019-0077

SURREBUTTAL TESTIMONY

OF

LAURA M. MOORE

 \mathbf{ON}

BEHALF OF

UNION ELECTRIC COMPANY

D/B/A AMEREN MISSOURI

St. Louis, Missouri July, 2019

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SURREBUTTAL TESTIMONY

OF

LAURA M. MOORE

FILE NO. GR-2019-0077

1	Q.	Please state your name and business address.
2	A.	Laura M. Moore, Union Electric Company d/b/a Ameren Missouri
3	("Ameren M	issouri" or "Company"), One Ameren Plaza, 1901 Chouteau Avenue, St.
4	Louis, Misso	uri 63103.
5	Q.	Are you the same Laura M. Moore that filed direct and rebuttal
6	testimony in	this proceeding?
7	A.	Yes, I am.
8		I. PURPOSE OF TESTIMONY
9	Q.	What is the purpose of your surrebuttal testimony in this proceeding?
10	A.	My surrebuttal testimony in this proceeding addresses the following issues
11	raised by the	Missouri Public Service Commission Staff ("Staff") and the Office of the
12	Public Couns	el ("OPC"): (1) software allocations (Staff witness Jason Kunst); (2) excess
13	accumulated	deferred income taxes ("ADIT") (OPC witness John S. Riley); and (3) affiliate
14	transactions (OPC witness Robert E. Schallenberg). I also provide true-up information for
15	certain items	through May 31, 2019.
16		II. SOFTWARE ALLOCATIONS
17	Q.	Please explain the software allocation issue.
18	A.	Ameren Missouri has software assets that are used in both the electric and
19	gas operation	s. The Company is proposing to include the proper amount of these software

- 1 assets that support the gas operations in the current revenue requirement in this case. In the
- 2 Company's last electric rate case, File No. ER-2016-0179, the Company proposed to
- 3 include 100% of the costs of some of these software assets. But, because that case was
- 4 settled through a black box settlement, there is no way to track what costs were included
- 5 in the settled revenue requirement.

Q. What has Mr. Kunst proposed as a solution for this issue?

- A. Mr. Kunst has proposed that the gas portion of the costs should first be
- 8 removed from the Company's current electric rate case, File No. ER-2019-0335, and then
- 9 can be added to the Company's gas revenue requirement in the next gas rate case the
- 10 Company files.

6

11

Q. Is this solution appropriate?

- 12 A. No. These are legitimate gas costs that should be included in the Company's
- gas revenue requirement. Under Mr. Kunst's proposal, the amounts would be excluded
- 14 from gas rates and then would be excluded from electric rates in the current electric rate
- 15 case. Mr. Kunst is basically proposing that the Company should not get recovery of these
- 16 costs at all until the next gas rate case the Company files, which may be many years in the
- 17 future.

18

Q. Please explain the Company's proposed solution.

- 19 A. In my direct testimony, I propose to return the portion of the costs for assets
- allocable to gas operations but that likely were included in the Company's last electric
- 21 revenue requirement. The Company would track these amounts as of the effective date of
- rates in this case and credit those tracked amounts to the Company's electric customers in
- 23 the current electric rate case.

1 Q. Why should the Company's position be accepted?

- A. It is inappropriate to disallow recovery of legitimate, prudent costs, and
- 3 Staff's position would do just that. Under my proposal, the Company will not over-collect
- 4 any amount but will instead track the amounts that electric customers should not be
- 5 responsible for and credit that amount to those customers.

6 III. EXCESS ACCUMULATED DEFERRED INCOME TAXES

- 7 Q. Please explain the issue discussed in the rebuttal testimony of OPC
- 8 witness Mr. Riley.
- 9 A. Mr. Riley believes an adjustment is needed to rate base in the Company's
- 10 revenue requirement to account for excess ADIT. He argues in his testimony that neither
- 11 Staff nor Ameren Missouri have included any excess ADIT as a reduction of rate base.
- 12 Q. Is it correct that the excess ADIT is not included in the Company's rate
- 13 base calculation?
- 14 A. No. The Company's rate base includes the net ADIT liability amount
- 15 measured at the federal income tax rate in effect prior to the implementation of the Tax
- 16 Cuts and Jobs Act ("TCJA"). When the tax rate decreased, an entry was recorded on the
- 17 Company's books to revalue deferred income taxes to the new, lower federal income tax
- rate. This entry reduced the net ADIT liability for financial statement purposes. The offset
- 19 to this reduction was the amount recorded in Account 254 that Mr. Riley references in his
- testimony. For purposes of calculating the amount to be included in rate base in this case,
- 21 the net ADIT liability at the higher, pre-TCJA income tax rate was used. Both the amount
- in Account 254 and the reduction in ADIT, which were recorded as a result of the tax rate
- change, were excluded from rate base. If the Company were to make the adjustment

- 1 proposed by Mr. Riley, the offsetting amount that is in ADIT would also need to be
- 2 included. The result would be no change to rate base.
- Q. Why is the pre-TCJA amount of ADIT the appropriate amount to
- 4 include in rate base?
- 5 A. The pre-TCJA amount of ADIT includes both the expected income tax
- 6 liabilities that will be paid to the government at some time in the future, as well as the
- 7 amount of excess deferred income taxes that will be credited to customers over time. The
- 8 Company has included the impact of the amortization of excess ADIT over time based on
- 9 the interim rate agreement in this case. When new permanent rates are set in this case, that
- amortization will continue.
- 11 IV. AFFILIATE TRANSACTIONS
- 12 Q. Please explain the adjustments proposed by OPC witness Mr.
- 13 Schallenberg.
- 14 A. Mr. Schallenberg proposes two adjustments to reduce the revenue
- requirement by approximately \$180,000 and \$69,000 for removal of the Company's costs
- 16 for the Board of Directors.
- Q. Are these adjustments appropriate?
- 18 A. No. As discussed by Company witness Darryl T. Sagel, these adjustments
- 19 are inappropriate. In addition to the flaws with the rationale for OPC's adjustments
- discussed by Mr. Sagel, the adjustment amounts are incorrect. I will address the incorrect
- amounts proposed by Mr. Schallenberg.

22

23

1	Q. Why is the \$69,000 adjustment proposed by Mr. Schallenberg
2	incorrect?
3	A. The \$69,000 adjustment is included in the \$180,000 adjustment Mr.
4	Schallenberg is proposing—in other words it is a double counting of the same adjustment.
5	Q. How do you know Mr. Schallenberg's \$69,000 adjustment is also
6	included in his \$180,000 adjustment?
7	A. The \$69,000 adjustment was calculated using figures from the Company's
8	proxy statement. The amounts that comprise the \$69,000 on the proxy statement are
9	recorded in Account 930.2 in the Company's general ledger. The second proposed
10	adjustment of approximately \$180,000 is the amount recorded in Account 930.2 in the
11	Federal Energy Regulatory Commission ("FERC") Form 1. The proxy statement amount
12	is included in the FERC Form 1 adjustment proposed by Mr. Schallenberg. As a
13	consequence, Mr. Schallenberg has proposed these same costs be disallowed twice. For
14	this reason, Mr. Schallenberg's \$69,000 adjustment should be rejected.
15	Q. Why is the \$180,000 adjustment proposed by Mr. Schallenberg
16	incorrect?
17	A. Mr. Schallenberg utilized an amount from the Company's electric FERC
18	Form 1 for Publishing & Distributing Information and Reports to Stockholders; Trustee,
19	Registrar and Transfer Agent Fees and Expenses; and Other Expenses of Servicing
20	Outstanding Securities of the Respondent. There are three problems with utilizing this
21	amount. The first issue is that this amount includes the portion of these costs applicable to

the electric business. Mr. Schallenberg applied an incorrect estimated allocation factor to

derive a gas amount instead of utilizing the actual amount recorded to the gas business.

- 1 The second issue is that this amount is a calendar year amount and not a test year amount.
- 2 The final issue with this amount is that the amount on the FERC form includes three
- 3 components: bond expense, dividend expense and board of director's fees and expenses.
- 4 If the Commission were to accept the position of Mr. Schallenberg, it is still not appropriate
- 5 to exclude the bond expense. The Company has its own debt and is responsible for such
- 6 bond expense.
- 7 Q. If the rationale underlying Mr. Schallenberg's adjustment were
- 8 corrected for the issues identified above, what would the amounts be?
- 9 A. The \$69,000 adjustment should be rejected, because it is duplicative of the
- amounts included in the \$180,000. The \$180,000 should be adjusted to approximately
- \$104,000 to correct for the issues I explained above. Again, the Company does not believe
- any adjustment is needed for these expenses as discussed by Mr. Sagel.
- 13 V. TRUE UP INFORMATION
- Q. What is the purpose of your true-up testimony in this proceeding?
- 15 A. Pursuant to orders issued by the Missouri Public Service Commission
- 16 ("Commission") in this case, Ameren Missouri provided updated data through May 31,
- 17 2019 for items to be trued-up in this case. The purpose of this portion of my testimony,
- 18 including the attached schedule LMM-S1, is to provide the Commission with the
- 19 Company's updated true-up data.
- Q. For which items did the Company previously provide updated data?
- A. On June 20, 2019, the Company provided the parties with updated data
- 22 through May 31, 2019, on the following true-up items: capital structure and weighted cost
- of capital; plant in service; accumulated depreciation reserve; intangible plant; depreciation

- 1 expense and rates; incentive compensation capitalized; fuel inventories; materials &
- 2 supplies; prepayments; cash working capital; customer advances; customer deposits;
- 3 customer deposit interest; pension tracker regulatory liability; OPEB tracker regulatory
- 4 liability; accumulated deferred income taxes; intercompany rental revenues; wage
- 5 increases effective July 2018, January 2018 and 2019; staffing adjustments; other
- 6 employee benefits; intercompany rental expense; insurance expense; rebase O&M
- 7 expenses and amortization of pension and OPEB trackers; non-qualified pension expense;
- 8 rate case expense; payroll taxes; property taxes; other taxes; and income taxes.
- 9 Q. What does Schedule LMM-S1 attached to this testimony contain?
- 10 A. The final true-up items are included in Schedule LMM-S1.
- 11 Q. Does this conclude your surrebuttal testimony?
- 12 A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Increase Its Revenues for Natural Gas Service.) File No. GR-2019-0077
AFFIDAVIT OF LA	URA M. MOORE
STATE OF MISSOURI)) ss CITY OF ST. LOUIS)	
Laura M. Moore, being first duly sworn on her oat	h, states:
1. My name is Laura M. Moore. I wo	ork in the City of St. Louis, Missouri, and I am
employed by Union Electric Company d/b/a Amer	en Missouri as Controller, Ameren Missouri.
2. Attached hereto and made a par	t hereof for all purposes is my Surrebuttal
Testimony on behalf of Union Electric Company d	/b/a Ameren Missouri consisting of 7 pages
and Schedule(s) LMM-S1	, all of which have been prepared in
written form for introduction into evidence in the a	above-referenced docket.
3. I hereby swear and affirm that my	answers contained in the attached testimony to
the questions therein propounded are true and corre	ect.
Subscribed and sworn to before me this the day of Notar	M. Moore of July, 2019. Dur a Best y Public
My commission expires:	

GERI A. BEST
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Louis County
My Commission Expires: February 15, 2022
Commission Number: 14839811

Union Electric Company d/b/a Ameren Missouri Weighted Average Cost of Capital

at 5/31/2019:

		PERCENT		WEIGHTED
CAPITAL COMPONENT	AMOUNT	OF TOTAL	COST	COST
Long-Term Debt	\$3,789,580,781	46.941%	4.646%	2.181%
Short-Term Debt	\$0	0.000%	0.000%	0.000%
Preferred Stock	\$81,827,509	1.014%	4.180%	0.042%
Common Equity	\$4,201,647,303	52.045%	10.300%	5.361%
TOTAL	\$8,073,055,592	100.000%		7.584%

AMEREN MISSOURI PLANT-IN-SERVICE ADJUSTMENTS 05/31/2019

FERC ACCT	ORIGINAL COST AT 05/31/2019	REMOVE ARO ASSETS	ADJUSTED TRUE-UP AT 05/31/2019	ALLOCATE TO GAS	DISALLOW INC COMP	TOTAL PRO FORMA ADJMTS	PRO FORMA BALANCE
	(1)	(2)	(3)=(1)+(2)	(4)	(5)	(6)=(4)+(5)	(7)=(3)+(6)
Intangible Plant							
303	4,143,542	•	4,143,542				4,143,542
303 - Alloc fm Elect Plant				7.001,585		7,001,585	7.001.585
	4,143,542	500	4,143,542	7.001,585	•	7,001,585	11.145.127
Production Plant							
304		980					
305		5€)7			· •		
311			**			2	9
	•	•	•	•			
Transmission Plant							
365	119,532		119,532		2		119.532
366	:•/:						
367	5,465,985	+	5,465,985				5,465,985
369	40,900	-	40,900			4	40,900
	5,626,417	(*)	5.626.417				5.626.417
District of the second	2 V.						
Distribution Plant							
374	2,431,941		2,431,941			-	2 431,941
375	184,148	*	184,148			, the	184,148
376	278,676,350		278,676,350	3.60	2.6		278 676 350
378	6,019,938	7.0	6,019,938	-			6,019,938
379	694,105	*	694,105		560		694,105
380	136,762,847	39	136,762,847				136,762,847
381	22,315,495		22,315,495				22,315,495
383	18,348,450	(*:	18 348 450				18,348,450
385	1,353,553		1,353,553				1,353,553
387	466,786,828		466,786,828	<u>-</u>			466,786.828
General Plant				222.22		200 000	0.004.040
389	2,307,982	151	2,307,982	326,260	25.	326,260	2,634,242
390	9,739,174	4	9.739,174	7,362,472		7,362,472	17,101,646
391	467,653	1.41	467.653	1,153,692		1,153,692	1,621,345
391-Fully Accrued	21,614		21,614	07.74	-	07.744	21,614
391-001	4 440 252		4 440 250	97,711		97,711	97,711
391-002	1,119,352		1,119,352	1,528,883		1,528,883	2,648,235
391-002-Fully Accrd	141,481		141,481	(*) (*)		-	141,481
392	8.266,713		8,266,713				8,266,713
393	2 426 644			10 136		10,136	10,136
394 394-Fully Accrued	2,426,544 1,199,101	25	2,426,544 1,199,101	252 199	10	252,199	2,678,743 1,199,101
•	88,272	101	88,272	13.375	10		101,647
395						13,375	8,605
395-Fully Accrued 396	8,605 3,486,933		8,605 3,486,933	U.S.			3,488,933
397						*	
	875,182 409,414		875,182 409,414	*	20		875,182 409,414
397-Fully Accrued 398	3,336		3,336	35,705		35,705	39,041
330	30 561.356	-	30.561,358	10,780,433		10,780,433	41.341.789
INCENTIVE COMPENSATION							
INCENTIVE COMPENSATION	CAPITALIZED				(1,264,171)	(1,264,171)	(1,264,171)
ICC Adi.							
ICC Adj. Total Gas Plant in Service					,,,,,	(,,==,,=,,	(1,1==1,112)

AMEREN MISSOURI GAS PLANT-IN-SERVICE

FERC Acct	Balance as of June 30, 2018	Balance as of May 31, 2019
Intangible Plant 303		4 142 542
303 - Alloc fm Elect Plant		4,143,542
503 - Alloc IIII Elect I lant		4,143,542
_		7,,-
Production Plant		
304	15	
305	10	
311		-
_	*	-
Transmission Plant		
365	119,532	119,532
366	-	-
367	5,411,148	5,465,985
369	40,900	40,900
_	5,571,580	5,626,417
Distribution Plant		
374	2,381,056	2,431,941
375	184,148	184,148
376 378	264,868,251 5,541,411	278,676,350 6,019,938
379	694,105	694,105
380	132,012,179	136,762,847
381	21,965,800	22,315,495
383	17,637,240	18,348,450
385	1,406,581	1,353,553
387	-	•
_	446,690,771	466,786,828
General Plant	0.007.770	2 22 2 22
389 390	2,387,770	2,307,982
391	9,760,224 469,095	9,739,174 467,653
391-Fully Accrued	19,424	21,614
391-001	10,424	21,014
391-002	391,342	1,119,352
391-002-Fully Accrd	38,517	141,481
392	7,241,390	8,266,713
393		-
394	2,274,646	2,426,544
394-Fully Accrued	1,179,315	1,199,101
395	91,173	88,272
395-Fully Accrued	10,463	8,605
396	3,242,819	3,486,933
397 Fully Approach	875,100 505 828	875,182
397-Fully Accrued 398	505,828 3,336	409,414
	28,490,441	3,336 30,561,356
-	20,700,771	00,001,000
INCENTIVE COMPENSATIO	IN CAPITALIZED	32
ICC Adj.		
Total Gas Plant in Service		
	480,752,792	507,118,142
=		

AMEREN MISSOURI ANNUALIZED DEPRECIATION RESERVE BALANCE AND ADJUSTMENTS 05/31/2019

FERC Acct	RESERVE BALANCE AT 05/31/2019	REMOVE ARO ASSETS	ADJUSTED RESERVE BALANCE AT 03/41/2019	ALLOCATE TO GAS	DISALLOW INC INCENTIVE COMP	PRO FORMA BALANCE
Intangible Plant	(1)	(2)	(3)=(1)+(2)	(4)	(5)	(6)=(3)+(4)+(5)
350						
303	406,494	<u> </u>	406,494			406,494
303 - Alloc fm Elect Plant	406,494		400 404	3.070,723		3.070,723
	400,494	5,	406,494	3,070,723	*	3,477,217
Production Plant						
304		-		326		2
305	(19,504)	35#3	(19,504)	220		(19.504)
311	(759.970)		(759,970)			(759.970)
	(779,474)	n≢t	(779,474)			(779,474)
Transmission Plant						
365		1/21	*:	(*)		*
366	3,497	956	3,497	5.00	*	3,497
367 369	2.902,332	6.93	2,902,332	S*0	7	2 902 332
309	35.461 2,941.289		35,461 2,941,289	•		35,461 2,941,289
Distribution Plant						
374	2,143		2,143	201		2.143
375	28,012		28,012	(5) ••		2,143
376	95,879,463	-	95,879,463			95.879.463
378	2,171,458	9.0	2,171,458			2.171,458
379	207,389	12:00	207,389			207,389
38D	73,367,950	300	73,367,950	340		73.367.950
381	2,734,090	(e:	2,734,090	36	2	2,734,090
383	5,059,505		5,059,505	•	+	5,059,505
385	586,480	0.00	586,480	2.0		586,480
387	180.030.931	:	(5.558)			(5,558)
re-	160,030.931		160.030,931			180,030,931
General Plant 389						
390	960.211	0.00	000.044	0.014.270		
391	61,555	550	960,211 61,555	2.612,320		3,572,531
391-Fully Accrued	21,614		21.614	409,348		470,903
391-001	3#3	3.0	21.014	34.669		21,614 34,669
391-002	384,076	120	384,076	542,471		926.547
391-002-Fully Accrd	141,481	(a)	141,481		i i	141,481
392	3,955,726	•	3,955,726			3,955,726
393	(1,579)	•	(1,579)	3.596		2,017
394	784,594	3.5	784,594	89,484	*	874,078
394-Fully Accrued	1,199,101	9.0	1,199,101		*	1,199,101
395	27,100	3.00	27,100	4,746		31,846
395-Fully Accrued 396	8,605		8,605		*	8,605
397	1,143,330 314,155	920	1,143,330			1,143,330
397-Fully Accrued	409,414	220	314,155 409,414	20		314,155 409 414
398	817	14/7	817	12,689		13 486
** H	9,410,199		9.410,199	3,709,303		13.119.502
INCENTIVE COMPENSAT						
ICC Adj.		<u> </u>			(376,96\$)	(376,969)
Total Gas Depreciation Re	serve					
3	192,009,439		192,009,439	6,780,026	(376,969)	198.412.496

AMEREN MISSOURI GAS PLANT ACCUMULATED RESERVE

FERC Acct	Balance as of June 30, 2018	Balance as of May 31, 2019
Intangible Plant		406,494
303 - Alloc fm Elect Plant		
	8,845	406,494
Production Plant		
304 305	- 511,012	(19,504)
311	(759,970)	(19,504) (759,970)
-	(248,958)	(779,474)
-		
Transmission Plant		
365	-	-
366	3,497	3,497
367	2,835,976	2,902,332
369	34,628	35,461
-	2,874,101	2,941,289
Distribution Plant		
374	2,143	2,143
375	(505,947)	28,012
376	90,811,580	95,879,463
378 379	2,049,325 193,264	2,171,458 207,389
380	70,842,905	73,367,950
381	2,390,638	2,734,090
383	4,778,820	5,059,505
385	557,536	586,480
387	(5,558)	(5.558)
-	171,114,705	180,030,931
General Plant		
389	-	•
390	837,942	960,211
391	42,416	61,555
391-Fully Accrued 391-001	19,424	21,614
391-002	353,041	384,076
391-002-Fully Accrd	38,517	141,481
392	3,297,688	3,955,726
393	(1,579)	(1,579)
394	708,919	784,594
394-Fully Accrued	1,179,315	1,199,101
395	25,156	27,100
395-Fully Accrued	10,463	8,605
396	1,038,407	1,143,330
397	257,915	314,155
397-Fully Accrued 398	505,828 817	409,414 817
-	8,314,269	9,410,199
INCENTIVE COMPENSAT	ION CAPITALIZED	
Total Gas Plant in Servic	<u>e</u> 182,054,118	192,009,439

Gas Depr 17,641.55 17,641.55 19,172 2,844.05 0,51 97,71 229,33 8,878.68 10,915.01 21,77 113,67 113,67 110,14 4,819.75 110,14 4,819.75 1,264.30 3,264.30 3,264.30 3,373.32 6,001.85	(782.55) (782.39) (782.39) (13.11) 13.630.22 811.56 3.225.59
Gas Retv	(2.164.00) (2.164.00) (35.348.32 651.45 8.358.61 6.03
Gas Plant 6 178.566.94 18.666.94 18.667 18.666.94 18.697	(4,119.97) 579.02 70,586.64 4,135.84 16,717.22
	163,322,31 337,418,52 2,925,56 6,692,15 2,924,687,60 2,937,99 9,357,99 9,357,70 9,357,70 9,357,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 1,676,61 1,676,81 1,67
	326,744.58 326,744.58 2,909.55 6,692.15 2,926.95 160,362.69 147,552.41 160,362.69 219,496.20 219,496.20 219,499.20 210,499.60 22,091.00 210,111.92 34,449.60 22,256.60 210,111.10 22,256.60 210,111.60 22,256.60 22,256.60 23,444.99 6,622.671.00 29,522.97 16,693.79 4,868.65 4,868.65 2,444.99 6,622.671.00 29,522.97
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company ldg_description	٠.	2007 B363 UCL-UNION ETIMBRICED SERVICE UPDER	32830066 UEC-Unior Work Order Addition	34018928 UEC-Unior SoR Full Scale Test Envir	20510067 LIFC-Linio OPPLI Project Institution	2202025 DECTION Wash Order Addition	ACCESSED OF COMMENT COM NAMED IN		24648200 LEC-Union Work Order Addition	24650920 LIFC-Union Work Order Archition	35526574 UFC-Union Identity Access Moral Cv		UEC-Upion	36022004 UEC-Union Switching Manager Enhan	UEC-Union	UEC-Union		32829922 UEC-Unior Work Order Addition	36053380 UEC-Union Work Order Addition	36022045 UEC-Union Analytics Data Lake Desk		233/4323 UEC-UIRO Auda 4.0	I FC-III	35774572 LFC-Unior Subscriber Solar Softwan	JEC-Unio	32531696 UEC-Unior RM-11 Replacement	24648430 UEC-Unior BALANCE RECORD	24649365 UEC-Union Worlt Order Addition	28768133 UEC-Union Work Order Addition	35293519 UEC-Unior Cyber Security Complians	24650335 UEC-Unior Dose Assessment Softwe	JEC-Union	24650911 UEC-Unior Work Order Addition	24650902 UEC-Unior Work Order Addition	24650751 UEC-Unior Work Order Addition	32830156 UEC-Unior Work Order Addition	24643018 UEC-Unior BALANCE RECORD	24650557 UEC-Unior Work Order Addition	24650612 UEC-Unior Work Order Addition	24649030 UEC-Unior CTG Monitoring Software	35876736 UEC-Unior System of Engagement S	36021761 UEC-Unio Enhanced Service Order	35527892 UEC-Unior Customer Service CSI 20			35775034 UEC-Union CSS Sys of Integration 20				32830102 UEC-Unior Winds Order Addition			35876319 UEC-Unior Cust Relation Mgmt Ph I -	35774277 UEC-Unior Cust Relation Mgmt Ph I -	36154687 UEC-Unior Cyber Security Operation	23632397 UEC-URIO CISTERS IVE UEC 2017 24649392 UEC-URIO Work Doder Addition	24648718 UEC-Union Work Order Addition	24650630 UEC-Union Work Order Addition	24649468 UEC-Union Work Order Addition	24650778 UEC-Union Work Order Addition	33876536 UEC-Unior UEC - Win 10 Digital Wor	20021390 UEC-URIO GIS PORBI WITH LORRISON 24017004 UEC-URIO GIS PORBI MINI DIO 201	24017934 DEC-Unior Coo Investment Plan 201	24485051 HEC-Inice Work Order Addition	34088538 LIFC. Inion Work Order Arichina	26021200 DEC. Union Identity Access Marris Co.	35877266 LEC-Union RPA Foundation - LEC	34337330 UEC-Unior Work Order Addition	34019341 LEC-Union Digital Outage Product Re	34851109 UEC-Union Damage Claims Phase 2	34311063 UEC-Unior Digital Outage Product Ri	36021843 UEC-Unior Digital Outage Product Ri	34018956 UEC-Unior Digital Outage Product - L	34764733 UEC-Unior Work Order Addition	32428948 UEC-Unior Work Order Addition 24648268 UEC-Unior SOFTWARE	ANDROID MENTALING AND TERRITOR

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Gas Depr	2040 05	3	36,086.43					9	55.33	12,940 61	• 3	4,024.20	4 909 04	1,162,99	1629 4000	(3,291.72)	9,587,69	16.0			(•		i.			90			363,267 02							. •	74	• 1	b	1 150 72	72.000	3 1		796.71	(568.59)	1 1	20,631.57	4,496.19	152.20	43,050.42	,	(277.66)	and the same	38.11	10,932.15
Gas Resv	1 171 61		269,554.66						27.15	19.894.92	23.045.17	21,037,98	2 404 83	592.26	200000	(1,480.90)	24,768.19	0.86					٠		٠			7	30,785,35	1							, e	٠,	٠	73.063.6	1	1		2,128.19	(873.19)	1 1	32,558.18	5,218,75	180.99	215,134.48		(729.36)	and consequently find	42.42	12,898,18
Gas Plant G	9 025 20	. 4	371,799,53		i.		v	•	4,295.81	66,265.45	23.045.47	23,385 43	24 048 20	5,922.62	100 000 00	(16,567,94)	49,536.39	4 67	V						٠				1,847,120,47							1. 1	5	• •	1	11 735 73		4		4,119.97	(2,910.63)	1 1	104,768.67	20,955 42 69,150.92	726.38	437,561.65		(1,446.65)	Made adheren some	159.92	54,804.75
	9,191.85	2,521,124,72	5,720,548.83	644,345,10	359,890.80	352,576.07	68,785.86	188,360.41	52,652.56	186,056.65	99,699.30 674.781.40	553,770.27	20,167,49	5,519.82	(1,990.91)	(13,849.33)	232,163,23	, 82 22	1,676.81	2,926.86	46,692,07	52,651.58	10,877 14	10,677,14		3,718.89	25,117.70	124,760.96	(og L/t)	1,483.29	119,101,33	218,080,12	31,553.16	5,001,65	2,509.56	35,313,86	20,393 66	3,479,05	2,926,86	2,507.67	3,944,042,78	185,342.76	710,221.50	22,909.36	(8,166.05)	108,393.00 2 609 385 86	304.483	48,805,53	1,692.61	6,528,893 01	392.15	(6,836 60)	55,847.56	429,933.33	120,210,01
	68,938.99	3,379,168.43	7,890,412.25	644.345.10	359,890.80	352,576.07	88,785.86	188,360.41	6.270.51	619,712.28	332,331 12	615,560.75	67,432.26	56,198.38	(19,909.00)	(154,942.87)	464,326,57	319.33	1,676.81	2,926 86	46.692.07	105,303,20	10,877,14	10,877,14	53,918 76	3,718 89	25,117,70	233,926.81	(344.01)	765.32	119,101,33	219,080,12	31,553,16	5,031.65	2,509.56	35,313,86	20,393,66	1,676.81	2,926,86	2,507.67	7,281,309.75	2 505,480.26	710,221.50	44,350,22	(27,220.07)	108,393,00 2 609,345,86	979,793,16	195,974,35	6,793.12	13,279,104.35	4,706.00	(13,560.06)	197,109.11	859,866.71 1.495.58	510,775,72 57,233 00
	9,191,85	2,521,124.72	5,990,103.49	644.345.10	359,890.80	352,576.07	88,785.86	188,360.41	54,928.85	205,951,57	99,699.30	574,808.25	20,167.49	6,112.00	(1,990.91)	(15,330.23)	256,931,42	59.40	1,676.81	2,926.86	46.692.07	52,651.58	10,877,14	10,877.14	53,918 76	3,716.69	25,117.70	124,760.96	30,785.35	1,483.29	119,101,33	218,080.12	31,553.16	5.03165	2,509.56	35,313,86	20,393.66	3,479.05	2,926,86	2,507.67	3,944,042.78	185,342.76	710,221.50	25,037.56	(9,039.24)	108,393,00 2 609 385,86	337,041.21	54,024.28	1,873.60	6,744,027.49	392.15	(7,565.96) 88 513.08	55.847.56	429,933.33	133,108.19
_	68,938.99 92 R51 R7	3,379,168.43	470 314 65	644.345.10	359,890.80	362,576 07	88,785.86	188,360.41	6.542.00	685,977.73	507 706 66	638,946.18	67,432.26	61,121,00	(19,909.00)	(171,510.81)	513,862.96	324 00	1,676.81	2,926.86	46.692.07	105,303.20	10,877,14	10,877,14	53,918.76	3,718.89	25,117.70	233,926.81	1.847,120.47	765.32	119,101,33	218,080.12	31,553.16	9/5,15/.65 5,031.65	2,509.56	35,313,86	20,393.66	1,676.81	2,926.86	2,507.67	7,281,309.75	505,480.26	710,221.50	48,470.19	(30,130.70)	108,393.00 2 609 385.86	1,084,561.83	216,929.77	7,519.50	13,716,666.00	4,706.00	(15,006.71)	197,109.11	1.656.50	565,580.47
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Gas Plant 6 73.241 73 17.053.71 9.569.16 18.636.70 1.053.71 9.569.16 18.636.70 1.1.216.30 9.1.225.825.59 27.278 09 11.225.825.59 11.225.825.59 11.225.825.59 29.906.66 11.457.36 11.225.825.59 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.225.825 29.906.66 11.457.36 11.59.46 11.59.46	
	3,108,642,94 279,042,78 11,17,186 467,625,30 306,195,86 1,74,96 41,280,31 114,136,79 114,136,79 128,567,06 208,050,07 6,632,15 2,509,56
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Gas Depr	4 1	(189.74)	•		٠	79.33	,		3,570.84	4,177.90	401.68	1,318.91	15.242.27	7,801.84			4				4,159.75	1,78	430.11	5,661,64	25.50	27.012.2	4 825 20	6,137.82	2,566.90	1,068.06	1,020 79	954.07	604 25				·		ì			900	8 8 8	5,690.34
Gas Resv		(96 62)	•		•	40 40			22,861.43	2,127.64	616.66	3,642 70	10.143.91	61,950,35							704.50	2.89	219.04	2,683,24	4.25	3,537,08	3.630.16	5,344,30	7,786.27	543.91	519.84	485.87	1.131.31				ď					100	140.44	848.30
Gas Plant G		(966.24)	٠	1 1	•	403.99	5	4	24,051 71	21,276.35	2,056.01	b,830.06	77 463 95	80,804.81	ì				4	,	21,156.63	8 67	2,190.36	28,832,44	30.16	11,361 10	24 539 36	30,407.06	13,347,89	5,439.18	5,198.46	4,858.71	1,095.11					4	,			1 642 00	200 250	28.351.63
	753.841.46	(2,231.68)		37,143,52	434,982,77	376.53	330,669.99	1,518,807.92	570,941,90	49,140.68	5,767.00	400 402 46	234 287 68	1,314,724.19	38,995.49	3,476,71	162,285.87	344,018.83	898,016.79	2,509.56	16,271,50	105.58	5,575,58	66,592 51	102.56	29 603 12	87.673.21	49,808,45	532,926.88	2,259.77	12,006.54	4,543.87	41 398 97	4.043.61	66,848.53	9,025.55	7,842 94	221,896,71	(100,331,32)	78,501.00	71,742 91	323,547 (6	3,306,13	7,906.08
	753,841,46	(22,316.76)	- 442 60	107 744 87	483,314,18	3,765.17	330,669.99	1,518,807.92	600,667,95	491,406.73	19,227,75	140,052.91	1.789.137.26	1,714,857,67	159,055 41	21,206.74	177,039.14	344,018.83	899,016.79	2,509.56	488,641,63	317.33	56,755,75	665,925,14	728.48	344 201 23	592,658,59	283,391,26	913,588.92	22,597.82	120,065.54	45,438 49	113.262.54	4 043 61	66,848.53	9,025.55	7,642.94	221,896,71	(100,331,32)	157,002.07	143,485.96	359,496,85	20,000,00	264,234 80
ending_reserve 36,424.68	753,841,46	(2,328.30)		37,710.71	434,982,77	416.93	330,669.99	1,518,807.92	590,800,33	51,268,32	6,383.66	10,337,38	244.431.59	1,376,674.54	38,995.49	3,476.71	162,285.87	344,018.83	898,016.79	2,509.56	16,976.00	108.47	5,794.62	69,475.75	106.81	20,033,35	91.303.37	55,152.75	540,713.15	2,803.68	12,526,38	5,029.74	42 530 28	4.043.61	66,848.53	9,025.55	7,842.94	221,896.71	(100,331,32)	78,501,00	71,742.91	323,547.16	2,320.03	8,754.38
current_value 36,424.68	753,841.46	(23,283.00)		107,744 67	483,314.18	4,169.16	330,669.99	1,518,807.92	624,719.66	512,683.08	21,283.76	201 000 10	1.866.601.21	1.795,662.48	159,055 41	21,206.74	177,039.14	344,016.63	898,016.79	2,509.56	509,798.26	326.00	57,946.11	694,757,58	128.64	359 200 03	617.197.95	313,798.32	926,936.81	28,037,00	125,264,00	50,297.20	116.357.65	4.043.61	66,848.53	9,025.55	7,842.94	221,896.71	(100,331,32)	157,002,07	143,485.96	359,496.85	00.712,10	292,586.43
remaining.	3 23	60 55	e e	60	2 09	60 55	0 09	0 09	60	60	69	8 9	8 8	20 29	20 83	20 83	9 09	0 09	0 09	0 09	60 59	60 39	60	20 t	2 5	26.00	28		60 26			8 8		0	0 09	0 09	0 09	0 09	0 09	50 31	E 9	~ t	8 4	28
A int life	38	90	88	3 8	8	00	8	8	8	8 8	8 8	3 8	8 8	8	_	00	8	8	8	8	90	8	00	8 8	8 8	3 8	8 8	8	8	8	8 :	3 8	8 8	8	00	8	00	8	8	8	8	88	38	38
91_posting_mo_yr init_life 05/01/2019 0.00	06/01/2019 0:00	05/01/2019 0.00	05/01/2019 0:00	05/01/2019 0 00	06/01/2019 0:00	05/01/2019 0:00	05/01/2019 0.00	05/01/2019 0:00	05/01/2019 0.00	05/01/2019 0 00	05/01/2019 0:00	05/01/2013/0.00	05/01/2019 0:00	05/01/2019 0 00	05/01/2019 0.00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0.00	05/01/2019 0:00	05/01/2019 0.00	05/01/2019 0 00	0006102/10/00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	050172019 0.00	05/01/2019 0.00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0:00	05/01/2019 0.00	05/01/2019 0:00	000010000000000000000000000000000000000	05/01/2019 0 00
-	%00.0	4.15%	9.64%	0.00%	0.00%	9 69%	0.00%	0.00%	3.85%	4.15%	9.00%	4.00%	4.15%	4.50%	0.00%	0.00%	#N/A	#N/A	MANA	#N/A	4.15%	2.66%	3.78%	4.15%	3.36%	4.00%	3.98%	9.69%	1.44%	19.40%	4.15%	#.00% 0.00%	2.66%	#N/A	#WA	#M/A	#WA	#WA	#N/A	#INTA	#N/A	#NA A 16%	4.107e	9.69%
	100.00%	95.85%	90.36%	100.00%	100.00%	90.31%	100.00%	100.00%	96.15%	95.85%	50.34%	100.00%	95.85%	95.50%	100.00%	100.00%	HWA	WA	MVA	#N/A	95.85%	97.34%	96.22%	95.85%	06.45%	05.42.76 06.85%	96 02%	90.31%	98.56%	80.60%	95.85%	50.34% 400.004	97.34%	#N/A	#N/A	#NIA	WINA	MANA	WAY	MANA	#W/A	MANA	SCOOL S	90.31%
_i Allocation	Fully Amor	1900	J8D2J	1039	70327	0075	Fuffy Amor	Fuffy Amor	J04W8	0078	3000K	183	0200	28179	00000	0000	#MA	W/N/#	W/N/#	#W/A	C077	U022	7995 7995	U132	2001	1000 1010X	0000	U072	0000	D029	000	ocon.	LI022	#N/A	#W/A	ANNA	MNIA	#N/A	#N/A	BINNA	#N/A	#WA IOKNA	MAZIA MAZIA	1010
in service ye sub accountably acc log_work_i Allocation Elect % 08/01/2009 98-PEND + 1300005-S 25111 #WA #WA #WA	11/01/2011 21-MO/CO 1303005-S 29205	02/01/2019 21-MO/CO 1303005-5 J0K8Z	01/01/2017 21-MO/CO 1303005-S J0D2J	09/01/2017 21:MO/CO 13/03/05-5 JOE88	D1/01/2015 21-MO/CO 1303005-5 J032V	02/01/2019 21-MO/CO 1303005-S J0CPF	08/01/2012 21-MO/CO 1303005-5 29214	02/01/2014 21-MO/CO 1303005-S 28689	11/01/2014 21-MO/CO 1303005-5 J04WB	12/01/2018 21-MO/CO 1303005-5 J0G52	GZOVZOTB ZY-MOACO 13GBIBS-S JODEN	12/01/2014 21-MOVED 13/03/05-3 JUSTER	10/01/2018 21-MO/CO 13/03/05-S JODF4	10/01/2011 21-MO/CD 1303010-5 28179	01/01/2017 21-MO/CO 1303010-S J09J0	04/01/2018 21-MO/CO 1303010-S J09J0	11/01/2014 5A-GENEF 1303005-S J01DV	02/01/2009 5A-GENEF 1303005-S 16566	02/01/2012 5A-GENEF 1303005-S 28158	02/01/2009 7P-Pickney 1303005-S 16566	04/01/2019 20-CORPC 1303005-S JOJVM	02/01/2016 20-CORPC 1303005-5 J0C7J	01/01/2019 20-CORPC 1303005-S JOCQH	12/01/2018 20-CORPC 1303005-S JOHWJ	GADINOTE SPECURIC TRIBUIDS FINANCIAL	OUNTRALE SOCORPI 1303005-3 30502	11/01/2018 20-CORPC 1303005-S JOCXK	08/01/2018 20-CORPC 1303005-S JOHZV	08/01/2016 20-CORPC 1303005-S J08F3	01/01/2019 20-CORPC 1303005-S J0D8R	01/01/2019 20-CORPC 1303005-S JOHTP	UNUIZUIS ZU-CURFIC ISCOURS SUBLIS	09/01/2017 20-CORPC 13/03/05-5 JOC7.)	06/01/2001 7A-Audrair 1303005-S 0T000	01/01/2005 65-CALLA 1303005-5 14314	01/01/2003 65-CALLA1 1303005-S 11283	01/01/2003 65-CALLA 1303005-S 11283	01/01/2013 65-CALLA 1303005-S 23654	01/01/2005 65-CALLA 1303005-S 14314	12/01/2016 65-CALLA 1303005-S J0B36	12/01/2016 65-CALLA* 1303005-S J09DN	12/01/2014 65-CALLA! 13/03/05-5 JOHN 04/01/2019 21-4/04/01/13/03/06-C 10/00/	CONTROL OF THE PROPER DOUGH	03/01/2019 20-CORPC 1303905-C JOLBS
assel_id company ldg_description 24650639 UEC_Union Work Order Addition	24649329 UEC-Unior Work Order Addition	35877584 UEC-Unior Dynatrace - UEC	32031304 UEC-Unior OPPM Software Innovation	36050810 UEC-Unior Work Order Addition	32830075 UEC-Unior Work Order Addition	35876495 UEC-Unio Customer Experience UE	24649320 UEC-Unior Work Order Addition	32830021 UEC-Unior Work Order Addition	32830084 UEC-Unior Work Order Addition	35527489 UEC-Union CICD - UEC	340188/3 UEC-UNO CUST EXP CSI UEC 2017	320 IBUS DECEMBER Work Order Addition 32030048 (IEC. Holor Work Order Addition	35186764 UEC-Unior Cyber Security Operation	24642B11 UEC-Unior Work Order Addition	32030604 UEC-Unior OPPM Project Justificatio	34310091 UEC-Unior OPPM Project Justificatio	32830271 UEC-Unior Work Order Addition	24642851 UEC-Unior Work Order Addition	24649277 UEC-Unior Work Order Addition	24648709 UEC-Unior Worlt Order Addition	36155403 UEC-Unior Network IDS for iff Syster	34018715 UEC-Unior PowerTax FERC Trans 5	35774468 UEC-Unior Identity Access Mgmt_Cy	35527948 UEC-Unior Analytics Data Lake Desk	24654214 LEC-UNION DEC - WITH TO DIGITAL WOR	35775477 (IEC-Links Secure VPN - LIEC	35295312 UEC-Unior UEC - Win 10 Digital Wor	34850957 UEC-Unior Digital Billing & Payment	35906824 UEC-Unior Work Order Addition	35774538 UEC-Unior GIS Portal with Conflation	35775350 UEC-Unior RPA Foundation - UEC	3577368J UEC-Unior CSS Investment Flan 201	33146495 UEC-Unior PowerTax FERC Trans S	24649129 UEC-Unior 2006 CTG Acquisition	24648421 UEC-Unior BALANCE RECORD	24648304 UEC-Unios SOFTWARE	24648250 UEC-Union SOFTWARE	24648502 UEC-Unior Work Order Addition	24648583 UEC-Unios SOFTWARE	31872951 UEC-Union Replace Etfluent Mgmt Si	31872496 UEC-Unior ISI Software Upgrade	33389525 UEC-Unior Work Order Addison 36166667 UEC-Unior UEC Sharmoning Site Union	SECTORS OF COMMENT OF SECTORS OF	36022701 UEC-Unior CRM CSR Phase 2 - UEC

1,846,041.09

3,477,216.75

232,631,864.59 134,814,564.96 221,486,737.34 131,337,348.21 11,145,127.25

AMEREN MISSOURI ANNUALIZED DEPRECIATION ADJUSTMENTS 12 MONTHS ENDED 05/31/2019

FERC Acct	PRO FORMA BALANCE	Rate	Annual Depreciation At Current Rates
7.000	(1)	(2)	(3) = (1) * (2)
Intangible Plant			
303	4,143,542	20 00%	828,708
303 - Alloc fm Elect Plant	7,001,585		1,017,333
	11,145,127	,	1,846,041
Production Plant			
304	2	4	
305		0.00%	
311		0.00%	I K
	* ^		(*)
Transmission Plant			
365	119.532	0.00%	100
366	*	0.00%	-
367	5,465,985	1.62%	88,549
369	40,900	0.88%	360
	5,626,417		88,909
Distribution Plant			
374	2,431,941	0.00%	100
375	184,148	4.50%	8,287
376	278 676,350	2 03%	5,657,130
378	6,019,938	2.49%	149,896
379	694,105	2.57%	17,838
380	136 762,847	1.78%	2,434,379
381	22 315,495	5.56%	1,240,742
383 385	18 348,450	3.63% 2.54%	666,049
387	1,353,553	0 00%	34,360
	466,786,828	000%	10,208,701
General Plant 389	2.634.242	0.00%	
390	17,101,646	2.76%	472,005
391	1,621,345	6.67%	108,144
391-Fully Accrued	21,614	0.00%	
391-001	97,711	0.00%	-
391-002	2,648,235	20.00%	529,647
391-002-Fully Accrd	141,481	0.00%	*
392	8,266,713	7.16%	591,897
393	10,136	5.00%	507
394-Fully Accrued	2,678,743 1,199,101	5.00% 0.00%	133 937
395	101,647	5.00%	5.082
395-Fully Accrued	8,605	0.00%	5,002
396	3.486,933	5.33%	185.854
397	875,182	6.67%	58 375
397-Fully Accrued	409.414	0.00%	*
398	39,041	6.67%	2,604
	41,341,789		2.088,052
Total General Plant Exclu	dian 302 £ 306		
TOTAL GALLACIA PIANT CACIL	29,588,143		1,310,301
	20,000,140		1,310,301
Plant In Service	524,900,160	44	14,231,703
Composite Depreciation			2.71%
ICC Depreciation	(4 004 474)	2 3464	104 030
ico pepreciation	(1,264,171)	2.71%	(34,276)
Total Gas Plant in Service	9		
7,00 - 07 - 07 - 07 - 07 - 07 - 07 - 07	523.835.989	12	14,197,427

Ameren Missourl Incentive Compensation Capitalization Disallowance True-Up Through 5/31/2019

					i rue-up	ı nrougin a	H3112U1	9	Accumi	ilated Re	sarve Cal	culation			
	Exec AMS	utive UEC	AMS	ntract UEC	Total	2010	2011	2012	2013	2014	2015	2016	2017	7016	Thru 5/2019
Total disallowed from previous	us case GR-201	0-0363 through	12/31/2009		820,158	22,226	22,226	22,226	22,226	22,226	22,226	22,226	22,226	22,226	9,261
2010 Total Company Performance Incentive	16,354,432	16,157,640	739,081	2,860,382											
% Disallowed (1)	13.53%	13 53%	0 00%	0.00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28 08%	33 68%	25 89%											
Total	12,885	25,414	~		38,299	519	1,038	1,038	1,038	1,038	1,038	1,038	1_038	1,038	432
2011 Total Company Performance Incentive	18.253,328	21,716,047	624,493	5,481,827											
% Disallowed (1)	13 53%	13.53%	0.00%	0.00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28.08%	33 68%	25.89%											
Total	12,805	34,157			46,962	23	636	1,273	1,273	1,273	1,273	1,273	1,273	1,273	530
2012 Total Company Performance Incentive	13,577,573	18,497,855	572,458	4,753,381											
% Disallowed (1)	13 53%	13.53%	0.00%	0.00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31 75%	28.08%	33 68%	25 69%											
Total	10,697	25,949	7	-	36,646	-		497	993	993	993	993	993	993	414
2013 Total Company Performance Incentive	21,979,573	21,092,070	598,376	5,220,785											
% Disallowed (1)	13.53%	13.53%	0.00%	0.00%											
% Gas	4.14%	4.14%	4.14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31 75%	28.08%	33.68%	25.89%											
Total	17,317	33,175		4	50,492				684	1,368	1,366	1,368	1,368	1,368	570
2014 Total Company Performance Incentive	18,197,190	21,747,176	671,908	6,727,475											
% Disallowed (1)	13.53%	13 53%	0 00%	0 00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	29 08%	33 68%	25.89%											
Total	14,337	34,206			48.543	*:		10	*	658	1,316	1,316	1,316	1,316	548
2015 Total Company Performance Incentive	16,849,705	19,542,561	402.966	4,362,939											
% Disallowed (1)	13 53%	13.53%	0.00%	0.00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28.08%	33.68%	25.89%											
Total	13,275	30,738	-		44,013	*5			*		596	1,193	1,193	1,193	497
2016 Total Company Performance Incentive	19,346,115	16,269,761	213,969	1,191,305											
% Disallowed (1)	13 53%	13.53%	0 00%	0.00%											
% Gas	4 14%	4.14%	4 14%	4.14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28 08%	33.68%	25.89%											
Total	15,242	25,590	(*	1.4	40,832			3	*	- 63		553	1.107	1,107	461
2017 Total Company															

Ameren Missouri Incentive Compensation Capitalization Disallowance True-Up Through 5/31/2019

					True-Up T	nrough :	W31/2U1	9							
									Accumu	ilated Re	serve Cal	culation			Thru
	Ехес			ntract	Total	2010	2011	2012	2013	2014	2015	2016	2017	2018	5/2019
Performance Incentive	AMS 25,255,969	UEC 20,753,245	AMS 732,459	UEC 7,523,489											
% Disallowed (1)	13.53%	13 53%	0.00%	0.00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28 08%	33 68%	25.89%											
Total	19,898	32,642	-		\$2,540	-	-	-	-	•	-		712	1,424	593
2018 Total Company Performance Incentive	30,136,039	27,429,570	591,053	6,455,986											
% Disallowed (1)	13.53%	13.53%	0 00%	0 00%											
% Gas	4 14%	4 14%	4.14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28.08%	33 68%	25.89%											
Total	23,743	43,143	-		66,886		٠	-	-	-	-		•	906	755
2019 Total Company Performance Incentive	7,601,720	8,145,153	250,072	3,383,954											
% Disallowed (1)	13 53%	13 53%	0 00%	0 00%											
% Gas	4 14%	4 14%	4 14%	4 14%											
% UEC	44 30%	100 00%	44 30%	100 00%											
% Capitalized	31.75%	28 08%	33 68%	25 89%											
Total	5,989	12,811	•	-	18,800			-		-	-				106
Total Capitalized Incentive C	Compensation dis	sallowed			1,264,171										
Total Accumulated Reserve Total Accumulated Reserve (GR-2010-0363 through to	disallowed from	_	05/2019		262,456 114,240 376,696	22,745	23,900	25,034	26,214	27,558	28,810	29,960	31,228	32,844	14,167

Composite Depr Rate 2.71% (per Depreciation calculation on Revenue Requirement)

	Executive	Contract
(1) Total Incentive Compensation Disallowed	126,698	
Total Incentive Compensation	936,346	193,038
% DisaBowed	13.53%	0.00%

AMEREN MISSOURI ALLOCATION ANALYSIS OF INCENTIVE COMPENSATION

			EXECUTIVE		
	O & M	CAPITAL	OTHER	TOTAL	TEST
Payroli Summary					
JUL 2017	10,628,740	4,309,428	485,844	15,424,012	0
AUG	10,469,053	4,387,562	465,395	15,322,010	0
SEP	10,481,382	3,963,951	1,379,236	15,824,569	0
OCT	11,379,224	5,257,220	502,161	17,138,605	0
NOV	11,241,796	4,979,076	500,084	16,720,956	0
DEC	11,397,960	4,684,088	520,250	16,602,298	0
JAN 2018	10,513,508	4,747,922	721,982	15,983,412	0
FEB	10,855,692	4,210,203	1,038,749	16,104,644	0
MAR	11,414,703	4,195,524	1,063,154	16,673,381	0
APR	10,842,636	4,515,569	701,309	16,059,514	0
MAY	10,962,153	4,590,247	465,566	16,017,966	0
JUN	12,560,903	5,277,136	579,288	18,417,327	0
	132,747,750	55,117,926	8,423,018	196,288,694	
	67.63%	28.08%	4.29%	100.00%	
			CONTRACT		
	O & M	CAPITAL	OTHER	TOTAL	TEST
Payroll Summary					
JUL 2017	14,000,176	5,266,200	954,855	20,221,231	0
AUG	13,818,491	5,477,199	996,310	20,292,000	0
SEP	12,407,485	4,723,975	3,877,648	21,009,108	0
OCT	14,827,267	6,639,356	1,243,528	22,710,151	0
NOV	14,359,139	5,953,434	1,054,559	21,367,132	0
DEC	13,023,729	5,459,276	1,017,623	19,500,628	0
JAN 2018	14,084,715	4,560,782	1,673,995	20,319,492	0
FEB	11,659,989	4,328,354	2,272,724	18,261,067	0
MAR	13,031,211	4,699,539	2,566,490	20,297,240	0
APR	12,268,122	4,868,434	1,509,810	18,646,366	0
MAY	14,156,510	5,751,830	986,099	20,894,439	0
JUN	13,581,541	5,259,506	943,973	19,785,020	0
	161,218,375	62,987,885	19,097,614	243,303,874	
	66.26%	25.89%	7.85%	100.00%	

AMEREN SERVICES ALLOCATION ANALYSIS OF INCENTIVE COMPENSATION

		_	EXECUTIVE		
	O & M	CAPITAL	OTHER	TOTAL	TEST
Payroll Summary					
JUL 2017	9,453,750	4,403,907	952,039	14,809,696	0
AUG	9,218,321	4,470,185	943,202	14,631,708	0
SEP	9,191,005	4,530,410	890,867	14,612,282	0
OCT	9,760,168	4,945,167	958,450	15,663,785	0
NOV	9,880,879	4,871,078	971,545	15,723,502	0
DEC	10,546,936	5,100,952	1,237,881	16,885,769	0
JAN 2018	9,202,920	4,973,533	1,144,764	15,321,217	0
FEB	9,685,473	5,111,837	1,076,057	15,873,367	0
MAR	9,037,088	4,839,653	1,135,976	15,012,717	0
APR	8,818,313	5,017,893	928,055	14,764,261	0
MAY	8,729,025	4,955,656	928,029	14,612,710	0
JUN	10,591,665	5,498,810	963,328	17,053,803	0
	114,115,543	58,719,081	12,130,193	184,964,817	
	61.69%	31.75%	6.56%	100.00%	

			CONTRACT		
	O & M	CAPITAL	OTHER	TOTAL	TEST
Payroll Summary					
JUL 2017	1,103,943	475,328	145,422	1,724,693	0
AUG	1,096,746	620,308	165,932	1,882,986	0
SEP	1,003,440	583,584	157,108	1,744,132	0
OCT	902,519	749,354	159,448	1,811,321	0
NOV	1,079,872	617,225	161,405	1,858,502	0
DEC	1,093,216	541,994	170,072	1,805,282	0
JAN 2018	1,179,171	613,409	165,746	1,958,326	0
FEB	1,007,592	541,911	137,985	1,687,488	0
MAR	1,029,863	591,905	147,311	1,769,079	0
APR	965,232	596,214	129,105	1,690,551	0
MAY	1,031,523	646,044	157,824	1,835,391	0
JUN	863,538	640,135	158,325	1,661,998	0
	12,356,655	7,217,411	1,855,683	21,429,749	
	57.66%	33.68%	8.66%	100.00%	

(Source: monthly payroll distribution report 7370)

		ce Incentive
MONTH	EXECUTIVE	CONTRACT
AMEREN MISSOURI		
JAN 2010	1,354,894	564,394
FEB MAR	1,416,365	516,195
APR	1,970,938 1,341,754	(1,185,994)
MAY	1,284,916	636,184
JUN	1,393,796	(6,443) 595,946
JUL	1,348,397	587,475
AUG	1,218,513	202,458
SEP	1,239,118	204,101
ОСТ	1,286,172	558,516
NOV	1,142,473	94,978
DEC	1,160,304	92,572
TOTAL 2010	16,157,640	2,860,382
JAN 2011	1,495,849	57,217
FEB	1,529,355	55,205
MAR	2,880,849	2,096,873
APR	1,517,609	632,717
MAY	2,455,883	(150,265)
JUN	1,727,390	607,213
JUL	1,726,793	598,689
AUG SEP	1,237,835	(198,685)
OCT	1,674,770	541,612
NOV	1,638,041 1,950,905	549,145 500 510
DEC	1,880,768	500,519 191,387
TOTAL 2011	21,716,047	5,481,627
7 - 77 7 - 7	2111101011	0,101,021
JAN 2012	1,631,504	587,883
FEB	1,032,038	512,941
MAR	1,463,331	1,277,799
APR	1,484,596	540,203
MAY	1,163,176	(440,570)
JUN	1,479,925	423,637
JUL	1,419,114	495,254
AUG SEP	988,501	132,180
OCT	1,418,088 1,415,450	396,111 434,255
NOV	1,559,132	2,132
DEC	1,442,800	391,556
TOTAL 2012	16,497,655	4,753,381
		- 1,100,001
JAN 2013	1,528,503	592,007
FEB	1,671,248	508,676
MAR	3,693,313	1,355,803
APR	1,491,431	692,799
MAY	2,957,344	(280,656)
JUN	1,717,572	575,883
JUL	(396,928)	134,122
AUG	1,339,867	409,207
SEP	1,473,753	394,337
OCT	1,465,683	480,347
NOV	1,644,967	32,577
DEC TOTAL 2042	2,505,317	325,683
TOTAL 2013	21,092,070	5,220,785

	Performance	e Incentive
MONTH	EXECUTIVE	CONTRACT
AMEREN MISSOURI		
JAN 2014	1,565,654	602,000
FEB	1,027,244	532,350
MAR	1,407,830	1,171,183
APR	2,224,939	68,040
MAY	1,739,497	542,086
JUN	1,765,217	521,926
JUL	1,741,186	597,045
AUG	1,890,933	267,671
SEP	1,843,286	587,702
OCT	1,783,812	661,511
NOV	1,798,526	593,482
DEC	2,959,052	582,479
TOTAL 2014	21,747,176	6,727,475
:		
JAN 2015	1,770,228	551,553
FEB	2,057,595	506,595
MAR	1,498,665	(65,111)
APR	1,597,164	564,931
MAY	1,627,537	545,904
JUN	1,659,838	580,020
JUL	1,611,044	635,915
AUG	1,662,948	495,761
SEP	1,686,775	504,856
OCT	1,454,879	(241)
NOV	1,482,577	(144)
DEC	1,433,311	42,900
TOTAL 2015	19,542,561	4,362,939
JAN 2016	1.543.580	467,389
FEB	1,143,061	467,389
MAR	1,152,359	(1,103,324)
APR	1,781,220	202,270
MAY	1,781,220	202,270
JUN	1,781,220	202,270
JUL	1,493,220	(90,579)
AUG	1,483,536	(90,579)
SEP	1,483,536	(91,174)
OCT	129,020	(47,245)
NOV	143,408	(47,245)
DEC	2,354,401	1,119,863
TOTAL 2016	16,269,781	1,1191,305
101AL 2010	10,203,101	1,131,303
JAN 2017	1,521,772	544,281
FEB	1,121,197	544,281
MAR	490,531	1,354,891
APR	1,831,720	545,181
MAY	1,831,720	545,181
NUL	1,831,720	545,181
JUL	1,730,514	560,427
AUG	1,730,514	560,427
SEP	1,730,514	560,427
OCT	2,214,013	540,556
NOV	2,214,013	540,556
DEC	2,505,017	682,080
TOTAL 2017	20,753,245	7,523,469
	201,00,270	-,020,703

	Performance	e Incentive
MONTH	EXECUTIVE	CONTRACT
AMEREN MISSOURI		
JAN 2018	1,564,994	539,395
FEB	1,951,773	543,122
MAR	2,016,749	636,198
APR	1,620,005	533,450
MAY	1,627,155	533,450
JUN	3,616,546	584,394
JUL	1,907,136	533,176
AUG	1,907,136	532,522
SEP	1,907,136	533,176
OCT	2,701,935	568,121
NOV	2,701,935	567,249
DEC	3,907,070	351,733
TOTAL 2018	27,429,570	6,455,986
		
JAN 2019	1,716,959	567,311
FEB	1,206,074	567,119
MAR	1,674,586	1,087,740
APR	1,773,767	580,892
MAY	1,773,767	580,892
TOTAL 2019	8,145,153	3,383,954

	Performance	e Incentive
MONTH	EXECUTIVE	CONTRACT
AMEREN SERVICES		
JAN 2010	1,121,390	65,889
FEB	1,583,311	63,000
MAR	475,358	30,778
APR MAY	1,146,192	66,973
JUN	1,262,620 1,128,977	56,068 66,689
JUL	3,173,889	70,019
AUG	785,109	60,105
SEP	995,052	59,351
OCT	1,358,004	66,073
NOV	1,663,452	66,201
DEC	1,661,078	67,935
TOTAL 2010	16,354,432	739,081
JAN 2011	1,140,505	55,322
FEB	1,213,827	52,963
MAR	1,518,791	42,249
APR	1,153,612	54,077
MAY	1,319,782	41,776
JUN	1,213,959	53,881
JUL	1,194,489	52,425
AUG SEP	709,470	72,850
OCT	1,116,728 1,138,087	51,386
NOV	2,323,895	53,380 48,571
DEC	2,323,693	45,613
TOTAL 2011	16,253,328	624,493
	10,200,020	021,100
JAN 2012	1,225,182	61,407
FEB	867,137	53,688
MAR	109,788	64,052
APR	1,159,327	53,268
MAY	1,285,351	25,376
JUN	1,181,220	50,067
JUL	1,252,042	53,807
AUG SEP	1,525,189	46,758
OCT	1,235,357 1,265,625	46,641 54,499
NOV	1,093,620	15,260
DEC	1,377,735	47,635
TOTAL 2012	13,577,573	572,458
,		
1441		
JAN 2013	1,202,999	61,059
FEB	2,055,300	52,400
MAR	1,874,505	36,934
APR	1,183,388	57,581
MAY JUN	1,330,455 1,254,088	48,202 53,516
JUL	1,254,088	52,516 69,159
AUG	1,014,016	68,158 51,388
SEP	1,196,048	51,388 54,035
OCT	1,205,231	60,427
NOV	2,585,170	1,536
DEC	5,876,937	52,140
TOTAL 2013	21,979,573	596,376
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MONTH EXECUTIVE CONTRACT AMERIA SERVICES JAN 2014 1,343,505 63,148 FEB (555,670) 53,260 MAR 1,570,682 28,370 APR 2,272,302 43,112 MAY 1,583,644 54,872 JUN 1,692,703 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,584 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 460,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,505,523 51,435 JUN 1,505,523 51,435 JUN 1,505,523 51,435 JUN 1,502,304 54,697 AUG 1,509,758 54,697 AUG 1,932,095 48,734		Performance	e Incentive
JAN 2014 FEB (555,670) 53,260 MAR 1,570,682 28,370 APR 2,272,302 43,112 MAY 1,583,644 54,872 JUN 1,652,008 52,955 JUL 1,605,723 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 OCT 1,819,584 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2016 1,454,959 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,505,523 51,435 JUN 1,682,497 OCT 2,042,994 53,103 APR 1,686,297 50,352 JUN 1,682,497 50,352 JUN 2,865,542 49,452 DEC 3,847,484 59,547		EXECUTIVE	CONTRACT
FEB (555,670) 53,260 MARR 1,570,682 28,370 APR 2,272,302 43,112 MAY 1,583,644 54,872 JUN 1,685,2008 52,955 JUL 1,605,723 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,564 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 402,966 JAN 2016 1,454,959 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUL 1,502,304 54,697 AUG 1,581,403 54,697 AUG 1,595,523 51,435 JUL 1,502,304 54,697 OCT 2,043,294 53,103 NOV 2,028,906 53,103 DEC 2,040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 MAR 1,780,023 173,048 APR 1,512,728 51,435 MAY 1,515,757 51,751 MAR 1,780,023 173,048 APR 1,506,297 50,352 JUN 1,682,497 50,352 JUN 1,682,497 50,352 JUL 1,928,296 48,734 AUG 1,932,095 48,734	AMEREN SERVICES		
MAR 1.570.682 28,370 APR 2.272,302 43,112 MAY 1.583,644 54,872 JUN 1.652,008 52,955 JUL 1.605,723 58,760 AUG 451,945 32,044 SEP 1.479,203 55,196 OCT 1.506,956 56,859 NOV 1.465,852 50,335 DEC 3.821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1.410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 JUN 1.431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,564 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 402,966 JAN 2016 1,454,959 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,502,304 54,697 AUG 1,581,278 51,435 JUN 1,505,523 51,435 JUL 1,502,304 54,697 OCT 2,043,294 53,103 NOV 2,028,906 53,103 DEC 2,040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 MAR 1,780,023 173,048 APR 1,510,2306 53,103 NOV 2,028,906 53,103 DEC 2,040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 MAR 1,780,023 173,048 APR 1,686,297 50,352 JUN 1,682,497 50,352 JUL 1,928,296 48,734 AUG 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747	JAN 2014	1,343,505	63,148
APR 2.272,302 43,112 MAY 1,583,644 54,872 JUN 1,652,008 52,955 JUL 1,605,723 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,584 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 402,966 JAN 2016 1,454,959 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,505,523 51,4	FEB	(555,670)	53,260
MAY 1,583,644 54,872 JUN 1,652,008 52,955 JUL 1,605,723 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,584 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 402,966 JAN 2016 1,454,959 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,505,523 51,435 JUN 1,502,304 54,697 SEP 1,511,988 54,697 OCT 2,043,294 53,103 DEC 2,040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 FEB 1,501,537 51,751 MAR 1,780,023 173,048 APR 1,686,297 50,352 JUN 1,682,497 50,352 JUN 1,686,297 50,352 JUN 1,682,497 50,352 JUN 2,865,542 49,452 NOV 2,865,542 49,452	MAR	1,570,682	28,370
JUN 1,652,008 52,955 JUL 1,605,723 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,564 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 402,966 JAN 2016 1,454,959 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,505,523 51,435 JUN 1,505,523 51,435 JUN 1,505,523 51,435 JUN 1,505,523 51,435 MAY 1,512,728 54,697 OCT 2,043,294 53,103 DEC 2,040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 MAR 1,780,023 173,048 APR 1,580,297 50,352 JUN 1,682,497 50,352 JUN 1,922,296 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747		2,272,302	
JUL 1,605,723 58,760 AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,889 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,584 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 46,011 FEB 1,519,868 47,966 MAR 1,203,464 3,496	MAY	1,583,644	54,872
AUG 451,945 32,044 SEP 1,479,203 55,196 OCT 1,506,956 56,859 NOV 1,465,852 50,335 DEC 3,821,040 122,997 TOTAL 2014 18,197,190 671,908 JAN 2015 1,410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1,397,971 51,462 MAY 1,407,389 48,192 JUN 1,431,681 51,960 JUL 1,425,512 55,044 AUG 1,581,403 51,256 SEP 1,596,361 53,696 OCT 1,819,584 35,765 NOV 1,875,119 34,567 DEC 2,144,545 42,195 TOTAL 2015 16,849,705 402,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUN 1,505,523 51,435 JUL 1,502,304 54,697 AUG 1,597,588 54,697 OCT 2,043,294 53,103 NOV 2,028,906 53,103 NOV 2,028,906 TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 FEB 1,501,537 51,751 MAR 1,780,023 173,048 APR 1,582,697 50,352 MAY 1,686,297 50,352 JUN 1,682,497 50,352 JUN 1,686,297 50,352 JUN 1,682,497 50,352 JUN 1,686,297 50,352 JUN 2,865,542 49,452 DEC 3,847,484 59,747			52,955
SEP 1.479,203 55,196 OCT 1.506,956 56,859 NOV 1.465,852 50,335 DEC 3.821,040 122,997 TOTAL 2014 18.197,190 671,908 JAN 2015 1.410,004 56,388 FEB 1,797,092 46,991 MAR (1,036,956) (124,550) APR 1.397,971 51,462 MAY 1.407,389 48,192 JUN 1.431,681 51,960 JUL 1.425,512 55,044 AUG 1.581,403 51,256 SEP 1.596,361 53,696 OCT 1.819,584 35,765 NOV 1.875,119 34,567 DEC 2.144,545 42,195 TOTAL 2015 16,849,705 40,21966 JAN 2016 1,454,959 46,011 FEB 1.519,868 47,966 MAR 1,203,464 3,496 APR 1,512,728 51,435 JUL 1,502,304 54,697 SEP 1,511,988 54,697 OCT 2.043,294 53,103 NOV 2.028,906 53,103 DEC 2.040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 MAR 1,780,023 173,048 APR 1,582,996 53,103 NOV 2.028,906 53,103 DEC 2.040,595 (308,106) TOTAL 2016 19,346,115 213,969 JAN 2017 1,548,264 51,751 MAR 1,780,023 173,048 APR 1,686,297 50,352 JUN 1,682,497 50,352 JUN 2,865,542 49,452 DEC 3,847,484 59,97			58,760
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APR 1,686,297 50,352 MAY 1,686,297 50,352 JUN 1,682,497 50,352 JUL 1,928,296 48,734 AUG 1,932,095 48,734 SEP 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747			•
MAY 1,686,297 50,352 JUN 1,682,497 50,352 JUL 1,928,296 48,734 AUG 1,932,095 48,734 SEP 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747	MAR	1,780,023	173,048
JUN 1,682,497 50,352 JUL 1,928,296 48,734 AUG 1,932,095 48,734 SEP 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747		1,686,297	· ·
JUL 1,928,296 48,734 AUG 1,932,095 48,734 SEP 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747			
AUG 1,932,095 48,734 SEP 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747			
SEP 1,932,095 48,734 OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747			
OCT 2,865,542 49,452 NOV 2,865,542 49,452 DEC 3,847,484 59,747		* *	
NOV 2,865,542 49,452 DEC 3,847,484 59,747			,
DEC 3,847,484 59,747			
TOTAL 2017 25,255,969 732,459			
	TOTAL 2017	25,255,969	732,459

	Performance	e Incentive
MONTH	EXECUTIVE	CONTRACT
AMEREN SERVICES		
JAN 2018	1,597,189	51,397
FEB	2,277,341	45,070
MAR	1,620,014	32,581
APR	1,608,906	50,672
MAY	1,598,049	50,672
JUN	3,732,590	1,371
JUL	2,121,157	49,133
AUG	2,121,157	49,787
SEP	2,121,157	49,133
OCT	3,236,972	72,093
NOV	3,237,263	72,965
DEC	4,864,244	66,179
TOTAL 2018	30,136,039	591,053
•	······································	
JAN 2019	1,661,634	52,187
FEB	569,452	52,187
MAR	1,928,846	41,620
APR	1,720,894	52,039
MAY	1,720,894	52.039
TOTAL 2019	7,601,720	250,072

AMEREN MISSOURI ALLOCATION OF FUEL AND GENERAL MATERIALS & SUPPLIES 13 MONTHS ENDED 05/31/2019

		TOTAL COMPANY		ELECTRIC OPERATIONS		GAS <u>OPERATIONS</u>
GEN. MAT. & SUP. ALOCATION @ 12/31/2017	\$	213,350,579	\$	211,695,246	\$	1,655,333
ALLOCATION FACTOR		100.00%		99.22%		0.78%
GENERAL MATERIALS AND SUPPLIES (13 month avg)		227,758,913		225,982,393		1,776,520
GAS STORED UNDERGROUND:	×====	5,200,333	-	N=0	_	5,200,333
TOTAL FUEL & GEN. M. & S.	\$	232,959,246	\$_	225,982,393	\$	6,976,853

07/09/2019

AMEREN MISSOURI PRO FORMA FUEL & GENERAL MATERIALS & SUPPLIES 13 MONTHS ENDED 05/31/2019

STORED MATERIALS GAS (1) & SUPPLIES (2)	10,592 \$	4,751,734 221,468,685	6,154,621 223,139,234	7,445,083 225,945,602	9,145,221 227,198,683	10,177,080 227,360,394	9,084,986 230,180,227	6,801,222 229,751,749	3,968,679 229,915,621	1,612,943 232,132,293	763,705 230,141,421	1,510,623 230,785,973	3,077,838 232,262,462	67,604,327 \$ 2,960,865,867	5 200 333 & 227 758 013
	69												1	↔	G
	MAY, 2018	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY, 2019	FEBRUARY	MARCH	APRIL	MAY	TOTAL	AVERAGE

⁽¹⁾ Per HFM A-10. (2) Per HFM A-1 plus Stores HFM A-9

-	
AND SUPPLIES - ACCOUNT	December 31, 2017
AATERIALS	

GAS					, , ,									• • •							282,046	6.0		1.121.101			30 222			(i) -					1,433,481	221.872		8 1 656 333 0 78%	1 233H	1,678,717				
DISTRIBUTION	21.512.774	717.07		• •	(1,060)	93.50	(3.230)	14,848	167.	39 090	(1,244)	A.	(2.254)	469 950		. }	951.6	. e	5 043	3,716	1,507,500	254,544	93	1,813,863	25.5	145 685	(046)	21,315				1.285		22	32.410.735	157,151		37 641 660 17 64%	528 631	38 170 717				
ELECTRIC TRANSMISSION	\$ 817,800 1			* *		. , ,			٠,		11,345	2,543,740			, , ,	٠.	641,318	٠.	9 ·			100	4.1		7.0		or 1	**	60	91.		1 6			4 046 775			1 80%	\$ 298.95	4 103 735 \$				
PRODUCTION	\$ 386,185 80,022,086		11,140,154	10,578,518										,		527.100		٠.				. 34				424 113		1917.000	416.914 777.711	5,024	1,580,785	014,775	3,364,048		106.714.178	1,116,210	1,100,264	70 005 345	\$ 2388734	172,305,310				
ALLOCATION FACTOR	See Sch Dreed Dreed	See Sch	D 10 10 10 10 10 10 10 10 10 10 10 10 10	Descri	S to C	Descr	Descri	D O			D D	David David	D Die			Descr	Descri	Deut	Descr	D David	See Sch See Sch	See Sch	See Sch See Sch	See Sch Dead	See Sch	Desc of	De sel	See Sch. Deact	T T		See Sep Dreed	Drest		Dured	Descri	Davies On set	Descr							
ADJUSTED STOREROOM BALANCES	22 718 782 80 822 886 5 726 243	717.971	11,180,154	27,628,628		13.350	(3.236)	14 840	17.	34 GBG	11,244]	2.543.740	89.055	469.950		181,533	0.330	513	32.500	3,714	1,780 647	284 544	516	2,905 054	200 Z.	145.005	1548)	21,315	777.711	5,024	1,580,785	1,285	3,364,048	21	204 805,140	1,118,210	1,168,264	213.350.570	2 997 909	218 348 488			Same?) American
ROUNDING A MISC AGAINTMENTS	\$ (1,251,745) B (1,251,745)	(11,298)	(175,060)	(430.218) (258.415)	≥	₽,	- P	1231		(809)	Ra	(39 862)	(1.415)	(7,347)		(2.851)	151	Ē.	4.237	. 95	(\$0,63)	(4 634)	€ €	(45,786)	1723	(2,232)	1476)	(813)	(12.228)	(873) (871)	(24 845)	(9,704)	(\$2.924) (\$2.924)	3	(3,174,297)			(3,174.207) \$	en;	eel			CROMASTO & . NOT CON LOCAL	360° 367 mm
ACCRUMA ACCT 154-801	115631		\$3 806	155 029		80 09					17.541	0.283	15.716	2,050		340	19 357		301 865	100	20 315	50.0	3 '	10,751	9 624	4.210	* *	1 450	1,542		7 200		- 52 E		2,851,482			2.051,462						
PURCHASES & VENDOR REJECTS	0.00	9,00				0.3		• •	04.7		*	4.1		0.9	5.0	* *	100	4.5							* 20			3 -	1.4		1,1		0.3		•	4 >	•					TOREHDOUS 130.253	(3 174 297)	(3 lbs car)
PER REPORT POAZE STOREROOM BALANCES	\$ 22,448,509 8 80,809,910 5,085,526	726.247	11,301,608	27,774,257,10,682,902	11 282	(27 130)	(3,287)	15 063	864	39 295	(1.294)	2,575,358	018 253	474 338		184 035	(82176)	\$23	\$ 122	3.772	1,797 170	250,178	25.00	2854 567	1750	778,747	1658)	20,178	700 2315	5,103	1,618157	1,305	2,963,159 3,415,684 506,165		rų.	1,118,210		\$ 213 673 394 8	(Lance)	E UNDISTRIBUTED		ULOCATED TO ALL S	Į -	1
New Real	DORSETT GENERAL CALLAWAY PLANT GRATIOT LINDERGROUND	MAJ STAMATA TOCILS - DORSETT SPARE PARTS - SUBSTATIONS ONLY	GRATIOT GARAGE MERAMEC PLANT SKOUX PLANT	LABADIE PLANT RUSH ISLAND PLANT	CABLE HELD FOR TEST POWER ON	MACKENZE HEADQUARTERS GRATIOT GENERAL OFFICE	BERKELEY HEADQUARTERS ST FRANCOIS HEADQUARTERS	UEC STORM EMERCIENCY DC DORSETT HEADQUARTERS CERALDANE MEADON MATERS	WEST OF THE STATE	TRANSFORMERS. EAERCENCY TRANSFORMERS. REPART	FRAMILIN HEADQUARTERS UEC VINTUAL TRANSMISSION	ST CHARLES HEADQUARTERS RIVERLANES TRANSLASSION	MOUSE SPRINGS MALS STORM CAPE	AVERANES CONSTRUCTON RIVERANES CENERAL THE VIRTUAL TASTRIBUTION	MEXICO FUEL STORES SHOP DORSETT	DSAGE PLANT TAUM SAUK	38		UEC VIRTUAL TRANS MATE DIST CTR UEC UNDERGROUND HOLDING		CALL CARABOEAU	9 20 0	VERSALLES JEFFERSON CITY			MORENCY MAJ STORM MEXICO MEDIUM PLANT			PEND CREEK CTO	MOBERLY CTG MOREAU CTG	ON LIME TRANSFERS PROCKNEYVILE CTG	CONTRACTOR PSEUDO ALIDRAIN CTG	GOOSE CREEK CTG RACCOON CREEK CTG MARYLAND HEXCHTS CTG	UEC XFMR RETIREMENTS & MON-STOCK	TOTAL ACCOUNT 194-20 & 22, EXCL. TRUCK : ACCOUNT 194-22 (NUCLEAR SPARE PARTS)	ACCOUNT 154-20 (PRICK STORES) ACCOUNT 134-29 (PWR PLANT TRIKE)	ACCOUNT 154-666 ACTIVATED CARBON	total materials and supplies (Fas A11)	Account IIS Max - STORES EXPENSE UNDISTRIBUTED (pf query)	TOTAL MATERIALS AND SUPPLIES, INCL. STORES EXPENSE UNDISTRIBUTED	II) MOTOR OF AND DASOLINE ONLY	NOTE, MSCELLANEGUS AND ROUNDING ADAMTAENTS ALLOCATED TO ALL STOREFICOUS SAGE CADATIVISMO. THE CONTROL FROM CANTROLS REPORT 130 232	ARLOCATED TO ALL STORER DOME	ALL Maritin 14 ALL Bringstonman
SININ	-04		~ # #	0 1 5	2 2 2	8 2	នគ	Z 22 Z	3 57 8	28.8	2 2	# X	R 9 :	7 7	3 2	및 각	4 4	8 5	ទា នា :	3 3 3	81 60-62	3 2 8	9 6	28	REI	222	BE 22	79/80	221	2 2 2	# 2	2 2	288	R				TOTAL	Apparet 1	TOTAL IA	01040(1)	NOTE IM		

ALLOCATION OF AVERAGE PREPAYMENTS 13 MONTHS ENDED MAY 31, 2019 Ameren Missouri

		TOTAL				
	Ų	COMPANY	ELECTRIC	4.01	GAS	
AVERAGE PREPAYMENTS						
RENTS (1) (ELEC ONLY)		9,277	ດ້	9,277	,	
INSURANCE - DIRECT (2)		9,110,931	8,509,139	139	601,792	
REG. COMMISSION ASSESSMENTS (1)		,		,	•	
IMAGING SOFTWARE (ELEC ONLY)		908'09	09	908'09	,	
FUELWORKS SOFTWARE (ELEC ONLY)		,				
OPTIV GIGAMON MAINTENANCE (1)		26,243	25,	25,739	504	
SNOW ENTERPRISE SUBSCRIPTION (1)		15,989	15,	15,682	307	
CAROUSEL (AVAYA) MAINTENANCE (1)		٠				
M/A COM RADIO SYSTEM SERVICE AGRMNT (1)		55,181	54,	54,122	1,059	
MEDICAL & DENTAL VEBA-MANAGEMENT (1)		4,320,421	4,237,469	469	82,952	
MEDICAL & DENTAL VEBA-CONTRACT (1)		•			,	
SYBASE MAINTENANCE (ELECTRIC ONLY)		•				
MICROSOFT ENTERPRISE APPLICATIONS (1)				,	•	
SECUREWORKS APPLICATIONS (1)		(11)		(11)	,	
ENERGY EFFICENCY PROGRAM VENDORS (GAS ONLY)		102,157			102,157	
NSR & OPACITY LITIGATION (ELEC ONLY)		786,716	786,716	716	,	
ENTERPRISE SAFETY MANAGEMENT (1)		•			,	
ABB POWER CARE CONTRACT (ELEC ONLY)		100,307	100,307	307	•	
COAL CAR LEASE		103,201	103,201	201		
TOTAL AVERAGE PREPAYMENTS	္ပ	14,691,218	\$ 13,902,447	447	788,771	

OPERATING EXPENSES 12 MONTHS ENDED 06/30/2018

ELECTRIC GAS	\$ 1,847,941,593 \$ 1,760,011,806 \$ 87,929,787	78,281,435 78,281,435 (39,321,575) (39,321,575) 54,150,970 54,150,970 93,110,830 38,959,860 54,150,970 \$ 1,754,830,763 \$ 1,721,051,946 \$ 33,778,817 100,00% 98,08% 1,92%	
TOTAL COMPANY	\$ 1,847,941,593 \$	78,281,435 (39,321,575) 54,150,970 93,110,830 8 1,754,830,763 \$ 100,00%	
CONTRACTOR CONTRACTOR	OFERALING ZATENSES MISSOURI (3) ILLINOIS	LESS: PURCHASED POWER (3) UNDER/OVER RECOVERED FUEL ADJ CLAUSE (FAC) PURCHASED GAS (3) RATE REFUND AMORTIZATION TOTAL ADJUSTMENTS ADJUSTED OPERATING EXPENSES ALLOCATION FACTOR FOR PREPAYMENTS	

(1) ALLOCATION FACTOR FOR PREPAYMENTS (2) EXCLUDES FREIGHT ON COAL AND COAL CAR LEASE, WHICH ARE 100% ELECTRIC; AND INSURANCE WHICH IS MAINTAINED BY UTILITY IN G/L AND DIRECTLY ASSIGNED. (3) SOURCE: HFM C-1 AND D-1 12/31/18 REPORT FOR UEC - ELECTRIC AND GAS.

NOTE: PURCHASED GAS EXCLUDES ACCOUNT 807 WHICH REPRESENTS A NON-COMMODITY GAS PURCHASE SUCH AS FEES TO PROCURE GAS, OTHER OVERHEADS, ETC.

Ameren Missouri AVERAGE PREPAYMENTS 13 MONTHS ENDED MAY 31, 2019

																TOTAL	15,645,246	13,498,744	11,678,374	10,423,911	19,133,989	17,512,534	15,720,785	14,733,775	14,235,188	12.969.356	16.626.950	15.128.435	13,680,551	190,985,836
																NSR, OPACITY & NPDES LINGUIDE 65-NPD/MSR/OPC	\$ 2,804,707	1.849.476	1,514,453	1,477,884	893,851	738,341	412,534	100,587	150	150	434.872	150	150	\$ 10,227,305 \$
																GAS ENERGY EFF VENDOR 1 165-HEP 1	110,670	110,670	110,670	110,670	110,670	110,670	110,670	110,670	110,670	110,670	110,670	110,670	,	1,328,040
																ENTERPRISE SAFETY MGMT 165-ESM				٠		٠	,							6
SYBASE Maintenance 165-039	*		,								,	*			,	IUCLEAR WAITIN! ABB POWER PER. INSURANCE CARE CONTRACT 165-703					,				*		488.997	A34 664	380,331	1,303,992
Contract rtal VEBA 165-031	,		•			•	•	,	,		•			53% 53		IUCLEAR WAITINI PER. INSURANCE 165-703				. *		٠	•			,			ः	5
Management Contra Medical & Dental VEBA 165-030 165-03	4,139,547 \$	4,139,547	4,139,547	4,139,547	4,461,472	4,461,472	4,461,472	4,098,188	4,262,245	4,262,245	4,533,398	4,533,398	4,533,398	56,165,476 \$	4,320,421 \$	CAROUSEL IU (AVAYA) PI 165-154								٠						,
MA EXT WARRANTY 165-023	83,286 \$	69,405	55,524	41,643	27.762	13.881				127,755	113,560	99,365	85.170	717,351 \$	\$ 181.\$5	SNOW ENTERPRISE SUBSCRIPTION 165-138	8					,							207.856	207,856 \$
COAL CAR LEASE 165-012	133.537 \$	119,604	75,017	297,952	253,365	208,778	164.191	119,604	(30,431)				6	1,341,617 \$	103,201 \$	GIGAMON S 165-120	33,089 \$	31.948	30.807	29,666	28,525	27,384	26,243	25,102	23.961	22 820	21.679	20 538	19.397	341,159 \$
REG. COMMISSION ASSESSMENTS 165-004	*					*	Ge.	,					9	9		SECUREWORKS 165-085/086	\$ (02)	(02)		•		•	•		•					{140} \$
MISSOURI GAS R INSURANCE 19-165-003	\$ 969'909	433,449	360,201	286,954	890,004	817,645	745,287	798,359	719,971	641,582	619,630	541,050	462,469	7,823,297 \$	601,792 \$	MICROSOFT ENTERPRISE APP 165-052		•	•						•	•		•	,	1
INSURANCE 165-003	7,820,080 \$	6,506,532	5,192,984	3,879,436	12,347,192	11,052,228	9.757.264	9.477.154	9,145,879	7,802,764	10,287,699	9.371,525	7,978,076	110,618,813 \$	8,509,139 \$	FUELWORKS SOFTWARE E 165-048/077									,		,		. ,	1
RENTS 165-002	13,704 \$	12,334	10,963	9.593	8.223	6.852	5.482	4.111	2,741	1,370	16,445	15,075	13,704	120,597 \$	8,277 \$	IMAGING SOFTWARE 165-046/047	,	225 849	188.208	150,566	112,925	75,283	37,642	•		•				790,473 \$
DATE	\$ 8102/10/90	06/30/2018	07/31/2018	08/31/2018	09/30/2018	10/31/2018	11/30/2018	12/31/2018	01/31/2019	02/28/2019	03/31/2019	04/30/2019	9102/15/50	TOTAL \$	AVERAGE \$		05/31/2018 \$	06/30/2018	07/31/2018	08/31/2018	09/30/2018	10/31/2018	11/30/2018	12/31/2018	01/21/2019	02/28/2019	010212010	047507010	05/31/2019	**

14,691,218 190,985,836

786,716 \$

102,157 \$

49

100,307 \$

49

69

15,989 \$

26,243 \$

(11) \$

.

\$ 909'09

NOTE: PREPAYAENTS TO THE FOLLOWING ACCOUNTS ARE PROPERLY EXCLUDED FROM RATE BASE: 165-001 Taxes 165-001 Taxes 165-000 Coord Insur Pgm 165-000 Coord Insur Pgm 1 Sauk 165-001 Coord Insur Pgm 1 Sauk 165-001 Coord Insur Pgm 1 Sauk 165-001 Famen Solar Rec 165-REP Reveneed Energy Pgm 165-MEx MEEIA Pgm

AMEREN MISSOURI CASH WORKING CAPITAL 12 MONTHS ENDED 06/30/2018

	REVENUE LAG	EXPENSE LAG	NET LAG	FACTOR	EXPENSE	CASH WORKING CAPITAL REQUIREMENT
OPERATION AND MAINTENANCE PAYROLL & WITHHOLDINGS	20.65	/10.20\	20.260	0.077600	£ 44.207.624	¢ 4 444 600
PENSIONS AND BENEFITS	38.65 38.65	(10.29) (16.89)	28.360 21.760	0.077699 0.059616	\$ 14,307,624 1,376,179	\$ 1,111,688 82,042
PGA EXPENSE	38.65	(35.77)	2.880	0.007890	54,150,970	427.251
INCENTIVE COMPENSATION	38.65	(252.23)	(213.580)	(0.585151)	1,002,686	(586,723)
UNCOLLECTIBLE ACCOUNTS	38.65	(38.65)	0.000	(0.000101)	370,823	(000,720)
OTHER OPERATING EXPENSES	38.65	(37.84)	0.810	0.002219	14,965,528	33,209
	00,00	(0)	0.0.0	0.0022.0		- 33,233
TOTAL O&M EXPENSES					32,022,840	
TOTAL CASH WORKING CAPITAL REG	QUIREMENT	FOR O&M				1,067,467
TAXES AND OTHER EXPENSES						
PAYROLL TAXES	38.65	(9.50)	29,150	0.079863	925,802	73,937
CORPORATE FRANCHISE TAXES	0.00	0.00	0.000	0.073003	323,002	70,307
PROPERTY TAXES	38.65	(182.50)	(143.850)	(0.394110)	8,478,032	(3,341,277)
SALES TAXES	38.65	(10.10)	28.550	0.078219	3,426,773	268,039
GROSS RECEIPTS TAXES	23.44	(25.85)	(2.410)	(0.006603)	7,039,608	(46,483)
		, ,	, ,	,		
TOTAL TAXES AND OTHER EXPENSES					19,870,215	
TOTAL CUSTOMER SUPPLIED FUNDS	3					(3,045,784)
CASH WORKING CAPITAL REQUIREMENT	NT					(1,978,317)
TAX OFFSET FROM RATE BASE:	20.05	(07.00)	0.775	0.000400	2 224 724	7.000
FEDERAL TAX OFFSET STATE TAX OFFSET	38,65 38,65	(37.88)	0.775 0.775	0.002123 0.002123	3,231,761	7,000 2.000
CITY TAX OFFSET	38.65	(37.88) (273.50)	(234.850)	(0.643425)	918,230 22.040	2,000 (14,000)
INTEREST EXPENSE OFFSET	38.65	(89.31)	(50.660)	(0.043425)	5,393,000	(749,000)
INTEREST EXPENSE OFFSET	30,03	(03.31)	(50.660)	(0.130793)	5,393,000	(754,000)
TOTAL NET CASH WORKING CAPITAL F	REQUIREME	TI				\$ (2,732,317)

AMEREN MISSOURI CASH WORKING CAPITAL DETAILS 12 MONTHS ENDED 06/30/2018

PENSIONS AND BENEFITS Employee Benefits (Excluding Pensions and OPEB) Employee Benefit adjustment for Staff Annualization Pension & OBEB Rebase Non-Qualified Pension	\$ 2,011,155 133,051 (826,618) 58,591 1,376,179
PAYROLL	
Total Operating and Maintenance Labor	\$ 15,310,310
Incentive Compensation	 (1,002,686)
Total Operating and Maintenance Labor	\$ 14,307,624

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d/p/a	-4
Company	The state of the state of the state of
Electric	11.00
Unlon	645

			×	Missouri Sales Tax Payn	Tax Payments										
_	quarter n	quarter monthly # 1	quarter monthly # 2	hly#2	quarter mon	monthly # 3	quarter m	quarter monthly # 4	w bled	paid with return	Total Tax	Electric	Cass	Electric	Gas
month	date	amount	date	amount	date	amount	date	amount	date	amount	Per Return	Tax	Tax	2% Ded	2% Ded
May-18	_	1,250,000	05/15/2018	1,250,000	05/22/2018	1,250,000	05/31/2018	1,250,000	06/20/2018	528,986.26	5,641,822.69	5,426,739.19	215,083.50	108,534.76	4,301.67
Jun-18	06/12/2018	2 000 000	06/20/2018	2,000,000	06/27/2018	2,000,000	06/29/2018	2,000,000	07/20/2018	1,117,682.68	9,303,757.84	9,174,243.34	129,514.50	183,484.87	2,590.29
Jul-18	07/11/2018	2,000,000	07/18/2018	2,000,000	07/25/2018	2,000,000	07/31/2018	2,000,000	08/20/2018	1,950,342.08	10,153,410.29	10,033,008.89	120,401.40	200,660.18	2,408.03
Aug-18	08/10/2018	2,000,000	08/20/2018	2,000,000	08/27/2018	2,000,000	08/31/2018	2,000,000	09/20/2018	1,422,402.07	9,614,695.99	9,496,626.35	118,069.64	189,932.53	2,361,39
Sep-18	09/12/2018	1,900,000	09/19/2018	1,900,000	09/26/2018	1,900,000	09/28/2018	1,900,000	10/20/2018	1,137,523.19	8,915,839.99	8,794,056.99	121,783.00	175 881 14	2,435.66
Oct-18	10/11/2018	1,400,000	10/18/2018	1,400,000	10/25/2018	1,400,000	10/31/2018	1,400,000	11/20/2018	(122,904.42)	5,588,873.04	5,451,311,68	137,561.36	109,026,23	2,751,23
Nov-18	11/13/2018	1,400,000	11/20/2018	1,400,000	11/27/2018	1,400,000	11/30/2018	1,400,000	12/20/2018	(513,941.79)	5,189,855.32	4,931,858.82	257,996.50	98 637 18	5,159.93
Dec-18	12/12/2018	1,400,000	12/19/2018	1,400,000	12/27/2018	1,400,000	12/31/2018	0	01/20/2019	1,546,380.31	5,863,653.35	5,410,505.35	453,148.00	109,210,08	9.062.96
Jan-19	01/10/2019	1,200,000	01/18/2019	1,200,000	01/25/2019	1,200,000	01/31/2019	2,200,000	02/20/2019	64,855.09	5,984,546.01	5,479,376.01	505,170.00	109,587,52	10,103.40
Feb-19	02/13/2019	1,300,000	02/21/2019	1,300,000	02/27/2019	1,300,000	02/28/2019	1,300,000	03/20/2019	320,100.51	5,632,755,62	5,068,647,12	564,108.50	101,372,95	11,282,17
Mar-19	03/12/2019	1,350,000	03/20/2019	1,350,000	03/27/2019	1,350,000	03/29/2019	1,350,000	04/22/2019	(81,338.35)	5,427,205.77	4,917,179.77	510,026.00	98,343.60	10,200.52
Apr-19	04/10/2019	1,300,000	04/18/2019	1,300,000	04/25/2019	1,300,000	04/30/2019	1,300,000	05/20/2019	(539.933.95)	4,755,169.44	4,461,258.94	293,910.50	89,225,18	5,878.21
May-19	05/10/2019	1,200,000	05/20/2019	1,200,000	05/28/2019	1,200,000	05/31/2019	0	06/20/2019		0.00		3	8.	Q
Jun-19											00:00				
Jul-19											00.00				
Aug-19											0.00				
Sep-19											0.00				
Oct-19											00:0				
Nov-19											0.00				
Dec-19											00:0				
Totals											82,071,585.35	78,644,812.45	3,426,772.90 1,572,896.22	1,572,896.22	68,535.46

Aweren Missouri
AVERAGE CUSTOMER ADVANCES FOR CONSTRUCTION
13 MONTHS ENDED MAY 31, 2019

DATE	•	MO. ELEC.	-	ILL. ELEC.	띰	TOTAL ELEC.	_,	MO. GAS		ILL. GAS	1 1	TOTAL GAS		TOTAL
05/31/2018	€9	7,443,238	(/)	•	မာ	7,443,238	69	2,640,661	(A	1	€9	2,640,661	69	10,083,899
06/30/2018		7,471,988		•		7,471,988		2,717,651		ı		2,717,651		10,189,638
07/31/2018		7,295,213		•		7,295,213		2,795,401		ι		2,795,401		10,090,614
08/31/2018		7,060,724		1		7,060,724		2,873,102		ř		2,873,102		9,933,826
09/30/2018		7,359,379		1		7,359,379		2,951,013		•		2,951,013		10,310,392
10/31/2018		7,369,349		1		7,369,349		3,051,508		ı		3,051,508		10,420,857
11/30/2018		7,030,467		1		7,030,467		3,092,436		1		3,092,436		10,122,903
12/31/2018		6,767,712		•		6,767,712		537,696		ï		537,696		7,305,408
01/31/2019		6,949,651		•		6,949,651		540,649		i		540,649		7,490,299
02/28/2019		7,136,736		1		7,136,736		535,556		t		535,556		7,672,292
03/31/2019		6,421,014		•		6,421,014		493,793		•		493,793		6,914,806
04/30/2019		5,891,577		•		5,891,577		496,121		ï		496,121		6,387,699
05/31/2019		4,678,857		1		4,678,857		496,849		1		496,849		5,175,706
TOTAL	€9	88,875,904	↔	1	()	88,875,904	69	23,222,437	££.	a	€>	23,222,437	69	112,098,340
AVERAGE	€9	6,836,608	€9	Ğ	₩	6,836,608	↔	1,786,341	60	1	69	1,786,341	€9	8,622,949

Ameren Missouri Summary of Customer Deposits Thirteen month average at May 31, 2019

Total Deposits		\$ 27,156,540	27,650,066	28,114,003	28,595,125	28,969,744	29,542,144	29,731,876	30,102,516	30,378,327	30,680,098	30,457,850	30,392,955	30,190,351	381,961,595	\$ 29,381,661
Total Deposits To Gas		\$ 909,656	924,716	945,427	944,283	955,167	981,789	997,058	995,159	981,294	999,392	998,883	999,130	986,145	12,618,099	\$ 970,623
Joint Deposits To Gas		\$ 317,213	323,716	325,511	328,163	333,334	340,999	344,037	352,510	356,669	358,392	361,691	365,194	362,965	4,470,394	\$ 343,876
Direct Deposits To Gas		\$ 592,443	601,000	619,916	616,120	621,833	640,790	653,021	642,649	624,625	641,000	637,192	633,936	623,180	8,147,705	\$ 626,747
Total Deposits To Electric		\$ 26,246,884	26,725,350	27,168,576	27,650,842	28,014,577	28,560,355	28,734,818	29,107,357	29,397,033	29,680,706	29,458,967	29,393,825	29,204,206	369,343,496	\$ 28,411,038
Joint Deposits To Electric		\$ 1,453,240	1,491,636	1,495,668	1,515,843	1,530,523	1,574,725	1,590,640	1,612,424	1,629,548	1,639,631	1,643,340	1,646,854	1,635,896	20,459,968	\$ 1,573,844
Direct Deposits To Electric		\$ 24,793,644	25,233,714	25,672,908	26,134,999	26,484,054	26,985,630	27,144,178	27,494,933	27,767,485	28,041,075	27,815,627	27,746,971	27,568,310	348,883,528	\$ 26,837,194
	Missouri	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Total	Average

Ameren Missouri Customer Deposits Allocation of Joint Gas & Electric Deposits Based on Revenue Split Thirteen month average at May 31, 2019

Joint Deposits To Gas	\$159,952 162,754 165,468 165,901 170,045 173,500 179,658 181,365 181,365 188,192 188,198		\$31,152 33,080 33,468 34,221 35,201 35,723 35,437 35,317 35,317 35,300 35,300 35,457	\$317,213 323,746 325,511 328,163 333,334 340,999 344,037 352,510 356,669 368,669 368,669 365,194 362,965
Gas	42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67%		6.86% 6.86% 6.86% 6.86% 6.86% 6.86% 6.86% 6.86% 6.86%	
Joint Deposits To Electric	\$214,907 218,671 222,318 222,898 228,468 231,023 233,108 241,382 244,291 244,291 254,174 255,862		\$422,956 449,139 454,408 464,631 467,377 487,937 481,139 480,138 479,514 477,915 479,514	\$1,453,240 1,491,636 1,495,668 1,515,643 1,530,523 1,530,640 1,612,424 1,639,631 1,639,631 1,646,854 1,635,896
Electric	57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33%		93.14% 93.14% 93.14% 93.14% 93.14% 93.14% 93.14% 93.14% 93.14%	
Joint Gas & Electric Deposits 12 MTD 05/19 (1) % 5 75,777,912 57.33% 56,391,627 42.67% 132,169,539 100.00%	\$374,859 381,786 387,786 388,799 398,513 402,971 406,608 421,040 425,041 426,113 426,113 442,808	12 MTD 05/19 (1) % \$276.077.973 93.14% 20.349.203 6.86% 296.427,176 100.00%	\$454,108 487,876 487,876 498,852 501,801 513,138 520,746 515,501 514,831 514,831 514,831 514,831 514,831 514,831 514,831	\$1,770,453 1,815,352 1,821,179 1,844,006 1,863,857 1,915,724 1,946,934 1,986,217 1,998,023 2,005,031 2,012,048 1,998,861
J I	88 88 88 88 88 88 88 88 88 88 88 88 88	1 1		യ കാ ത ത ത ത ത വ വ വ വ വ
Joint Deposits To Gas Little Dixie BD 2D Electric Revenue 82 Gas Revenue	May-18 Jun-18 Jun-18 Sep-18 Oct-18 Nov-18 Jan-19 Feb-19 Mar-19	Wentzville BD 2W Electric Revenue 86 Gas Revenue	May-18 Jun-18 Juh-18 Aug-18 Sep-18 Oct-18 Nov-18 Jan-19 Feb-19 Mar-19 May-19	Total May-18 Jun-18 Jun-18 Jun-18 May-18 May-19 May-19 May-19 May-19 May-19 May-19 May-19 May-19
Joint Deposits To Gas	\$74,814 77,072 74,866 75,780 75,853 79,526 87,549 82,649 82,780 82,645 82,092 80,306		\$51,295 50,810 51,709 52,261 53,012 54,882 55,478 56,466 57,292 58,473 58,601 58,601	0,0000000000000000000000000000000000000
Gas Percent	15.50% 15.50% 15.50% 15.50% 15.50% 15.50% 15.50% 15.50% 15.50%		11.18% 11.18% 11.18% 11.18% 11.18% 11.18% 11.18% 11.18% 11.18%	%0000 %0000 %0000 %0000 %0000 %0000 %0000 %0000 %0000
Joint Deposits To Electric	\$407,860 420,164 408,138 413,523 413,523 432,139 434,146 441,305 450,571 451,282 450,387 447,532		\$407,517 403,662 410,804 415,191 421,155 433,626 438,363 448,598 455,163 466,220 466,220 466,220	000000000000000000000000000000000000000
Electric	84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50%	Total	88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82%	%00.0 %00.0 %00.0 %00.0 %00.0 %00.0 %00.0 %00.0 %00.0
Joint Gas & Electric Deposits 19 (1) % 84.50% 58 15.50% 63 100.00%	\$482,674 497,236 483,004 489,376 511,407 513,782 522,254 533,002 539,624 518,106	19 (1) % 48 88.82% 34 11.18% 32 100.00%	\$458,812 454,472 462,513 467,452 474,167 488,208 493,541 505,064 512,455 523,017 524,162 524,162	0,000000000000
12 MTD 05/19 (1) \$ \$148,193,205 \$ \$27,173,258 \$ \$175,366,463		12 MTD 05/19 \$ 154,755,648 19,475,534 174,231,182		Office
Capital BD 2J Electric Revenue 83 Gas Revenue	May-18 Jun-18 Aug-18 Sep-18 Oot-18 Nov-18 Jan-19 Apr-19 May-19	Southeast BD ZT Electric Revenue 85 Gas Revenue	May-18 Jun-18 Jul-18 Aug-18 Sep-18 Oot-18 Noo-18 Jan-19 Feb-19 Mar-19 May-19	Ameren General Office May-18 Jun-18 Jun-18 Aug-18 Sep-18 Oct-18 Dec-18 Jan-19 Feb-19 Apr-19 Apr-19

⁽¹⁾ Source: Millennium GL Query - Billed Revenue (2) Southeast District Electric Revenues excludes Noranda Aluminum Company (acct: 2T-442-035 and 2T-442-037)

Ameren Missouri - TRUE UP SUMMARY 05-31-2019 - FINAL

Ameren Missouri Interest on Average Customer Deposits Thirteen month average at May 31, 2019

_ tsl	,229	,418	647
Total Interest	\$ 1,710,229	116,418	\$ 1,826,647
Gas Interest	32,904	18,053	50,957
_	49		s
% Interest	5.25%	5.25%	
	\$ 626,747 Gas only	343,876 Joint to Gas	
Total Deposits To Gas	626,747	343,876	970,623
Total	63		69
Electric	\$ 1,677,325	98,365	\$ 1,775,690
% Interest	6.25%	6.25%	
13	Elec only	1,573,844 Joint to Elec	
Total Deposits To Electric	\$ 26,837,194	1,573,844	\$ 28,411,038
	Missouri		

Source of Interest Rates:

Missouri - Per the Stipulation and Agreement in MPSC Case No. EC-2002-1 Prime Rate as of the last business day in November plus one percent (Electric).

Uhion Electric Company Pension & OPEB Regulatory Asset Calculation Gas JV GL546

Cost built into Actual Ac Rales (A) FAS 87 costs 02 B9-933 146,110 B9-933 146,110 April 2015 April 2015 B9-933 146,110 B9-933 146,133 B9-933	Actual Serv Actual NS OSM% 68.4% 68.4% 68.4% 67.4% 77.2% 77.3% 77.	Serv EED 100,002 100,002 100,002 100,002 100,002 100,407 100,4	Actual O&M 254TRP/254NTP NS Exp Difference 11,474 8,568 13,558 (27,911) 1,978 13,558 13,569 13,099 (31,176) (3	Cost built into Rates (B) 25,469 25,4	FAS 108 costs of 15,753 (15,75		Actual NS Actual O&M O&M % Serv Epp 11.29 12.38 12.18 13.29	11,229 NS Exp NS Exp NS Exp NS Exp NS Exp NS Exp 11,239 6 12,396 12,396 12,396 13,785 13,785 13,785 13,782 13,782 13,782 13,782 13,782 13,782 13,782 13,782 13,782 13,782 13,782 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,833 13,783	254TR0/254NTO Difference (14.240) (13.283) (13.283) (13.283) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (11.253) (12.363) (12.469) (23.733) (23.223) (23.223) (23.223) (23.223) (23.223) (23.223)
89,933 146,110 89,933 146,110 89,933 146,110 89,933 146,110 89,933 146,110 89,933 146,110 89,933 136,366 89,933 136,366 89,933 85,403 89,933 85,403 89,933 85,403 89,933 85,403 89,933 87,133 89,933 87,133 89,933 87,133 89,933 87,133 89,933 87,133 89,933 87,133 89,933 87,133 89,933 87,133 89,933 87,133	8844 99444 11748 1748	2002 2012 2012 2012 2013 2014		25,469 26,469 26,469 26,469 26,469 26,469 26,469 26,469 26		711.3% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6% 77.8.6%		229 286 347 442 286 383 383 383 383 383 383 383 383 383 3	1 3
89,933 89,933	69.4% 61.4% 71.1% 70.4% 61.3% 69.6% 76.2%	90.407 90.409 90.409 90.409 90.401 90.502 91.911 90.502 90.502 90.502 90.502 90.502 90.502 90.502 90.502 90.502 90.502 90.402 90.403 90	11,474 13,931 13,931 1,393 13,539 13,539 13,539 13,176 (31,176 (31,539		15,753 15,753 15,753 15,753 21,539 21,539 21,539 21,539 21,539 21,539 21,539 21,539 (10,819)	78.6% 64.3% 64.3% 64.3% 64.0% 66.0% 65.2% 117.5% 75.7% 75.7% 75.7% 76.6% 80.5% 80.5% 80.1% 90.1%	20-20-11-1-1-2-2-3-3-3-3-3-3-3-3-3-3-3-3-3-3-	2,386 2,181 2,181 2,181 2,187 1,296 1,296 4,216 4,216 4,216 5,988 5,988 5,1893 5,1893 5,191 5,110 5,11	25.5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
89,933 89	71.1% 72.2% 72.2% 72.2% 70.4% 71.3% 71.3% 71.2% 71.2% 71.2% 71.2% 71.2% 71.2% 71.2% 71.2% 71.2% 71.2% 71.2% 71.3% 71.3% 71.3% 71.4% 71.4% 71.4% 71.4% 71.4% 71.1% 74.1% 76.0%	98.499 103.894 105.491 105.491 107.228 103.911 103.911 105.275 105.275 106.275 106.275 107.289	8.568 15.5891 15.5891 15.589 7,287 15.589 15.369 13.089 (31,176 (31,176 (31,186 (29,488 (13,189 (31,186 (13,189 (13,18		15,753 15,753 15,753 21,539 21,539 21,539 21,539 21,539 21,539 (12,168) (12	77.3% 64.3% 64.3% 66.1% 66.1% 66.1% 66.3% 66.3% 66.3% 72.5% 72.5% 76.7% 76.7% 76.7% 76.7% 76.7% 76.7% 76.7% 76.7% 76.7% 77.8%	2.2 % 11 11 11 1 1	2,181 9,187 9,187 9,187 1,296 3,290 3,290 3,3785 3,3785 3,3785 3,383 3,3785 3,383 3,3785 3,383 3,3785 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789 3,3789	(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
15 89,933	72.2% 70.4% 71.3% 69.6% 71.5.9% 71.5.9% 71.5.9% 71.5.9% 69.6% 69.6% 70.1% 74.1% 74.1% 74.1% 78.0	103.884 105.481 67.022 97.911 97.928 94.911 103.902 103.912 59.667 59.667 59.672 59.672 59.757 59.757 59.757 59.757 59.757 59.757 60.485 60.485 60.485 55.757 55.512 60.485 60.48	13.955 (27.917) 1.978 7.298 13.509 13.509 (31.099 (31.099 (31.478 (29.488 (29.488 (39.986 (38.986 (39.988 (39.		15,753 15,753 21,539 21,539 21,539 21,539 21,539 21,539 (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	662.7% 64.0% 65.1% 66.0%		9,877 20129 3,290 3,290 3,290 3,3785 3,3785 3,3782 5,598 5,598 2,2877 2,2877 3,5210 3,5195 3,	(12.2) (12.2) (12.2) (13.2) (1
15 88,933 89,933	72.2% 70.4% 67.4% 67.4% 77.2% 76.2% 76.2% 76.2% 76.2% 76.2% 76.2% 76.3% 68.8% 68.9% 68.9% 68.9% 78.1% 74.1% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	105,491 102,22 91,911 103,502 105,275 103,812 105,275 105,275 105,275 105,275 106,275 106,275 106,465 (30,465 (30,465 (30,465 49,746 49	15.58 (27,911) 1,978 4,978 13,508 13,091 (91,478 (10,602 (10,6		15,753 21,539 21,539 21,539 21,539 21,539 21,539 21,539 21,539 (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819) (10,	64.3% 66.1% 66.0% 66.0% 66.2% 66.2% 64.2% 17.5% 73.7% 73.7% 74.2%	= % 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,296 1,296 1,296 1,206 1,200 1,3,785 1,3,785 1,383 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833 1,833	(15. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
15 68 933	69.6% 71.3% 69.6% 75.9% 77.2% 76.2% 70.1% 68.9% 68.9% 68.9% 68.8% 65.0% 72.4% 74.1% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0%	65,022 94,911 103,502 105,275 105,275 105,275 58,526 178,321 58,575 58,575 58,512 58,5	(27,91) (1,91) (21,539 21,539 21,539 21,539 21,539 21,539 21,539 (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819)	62.1% 66.7% 66.0% 66.3% 66.2% 66.2% 117.5% 175.7% 76.2% 80.5% 80.5% 80.5% 90.1% 78.4% 78.4% 78.4% 78.4% 78.4% 78.4% 78.4% 78.4% 78.4% 78.4% 78.4%	9	1,296 4,216 5,3785 5,4742 7,442 7,429 1,883 1,88	2. E.
15 69 933	71.34 71.34 69.62 77.52 77.52 76.24 68.84 68.84 68.84 68.84 72.44 74.14 74.44 78.04 78	91,911 97,228 94,911 103,502 103,502 103,911 59,632 59,632 55,512 56,542 56,485 60,	1,978 7,978 4,978 15,558 15,578 13,178 (91,478 (29,488 (120,662 (36,1862 (37,502 (37,5		21,539 21,539 21,539 21,539 21,539 21,539 (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	66.17% 66.0% 64.0% 66.2% 66.2% 117.5% 0.0.5% 75.7% 75.7% 76.7% 80.5% 80.5% 80.5% 90.1% 90.1%		3,290 3,785 3,782 3,782 3,693 5,998 6,298 6,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571) 8,571)	25
15 88 933 88 933 88 933 88 933 88 933 89 933 80 933	69.6% 75.9% 76.2% 76.2% 76.2% 68.9% 68.9% 69.1% 69.8% 72.4% 74.1% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	94, 228 94, 228 94, 228 103,502 103,502 105,275 105,275 59,867 59,867 59,757 55,512 60,465 (30,728) 49,746 49,746 53,438 52,364 52,364 52,364 52,364 52,364 52,364 41,881	7,286 13,592 13,592 13,103 130,002 (91,478 (91,478 (120,662 (120,662 (130,502 (130,5		21,539 21,539 21,539 21,539 21,539 (16,499) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	66.0% 66.2% 66.2% 66.2% 117.5% 175.7% 77.5% 77.5% 175.7% 78.6% 80.5% 80.5% 80.5% 80.1% 118.1%	211111 A B SEEGESTER	4.216 3,745 4,259 1,363 1,863 1,887 2,887 2,210 2,210 2,210 3,210	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
5	69.6% 75.2% 77.2% 76.2% 70.1% 68.9.7% 69.7% 69.0% 70.8% 72.4% 74.1% 74.1% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	94,911 103,252 105,275 103,911 59,867 58,787 58,787 55,512 60,485 60,485 60,485 60,729 49,746 49,947 53,348 52,334 52,431 41,981	4,978 15,359 15,340 (31,039 (31,039 (31,178 (34,421 (29,488 (120,682 (120,682 (31,569 (31,569 (31,569 (31,569 (31,569 (31,569		21,539 21,539 21,539 21,539 (15,166) (12,166) (1	64.0% 66.38% 66.28% 64.5% 14.53% 14.53% 175.7% 75.7% 75.7% 76.6% 80.5% 80.5% 80.5% 90.1% 90.1% 118.1%	11111.3 8 SEEGESSES	3,1785 3,142 4,289 5,598 5,298 5,287 1,287 1,287 1,253 3,915 3,915 3,915 3,159 3,159 3,159 3,159 3,159 3,159 3,159 3,159 3,159	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5 88.933 6 88.933 6 89.933 6 89.933 6 89.933 6 89.933 6 89.933 6 89.933 6 89.933 6 89.933 6 89.933	75.9% 76.2% 76.2% 68.9% 69.7% 69.8% 69.7% 72.4% 74.1% 74.1% 74.4% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	103,502 105,275 105,867 59,867 59,526 178,321 178,321 49,746 49,746 55,338 55,338 49,746 55,338 52,338 52,431 41,881	13.559 13.979 13.079 13.0706 (31.08) (91.478 (31.476 (34.476 (34.476 (39.986) (39.986) (37.505		21,539 21,539 21,539 21,536 (36,499) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819) (1	63.8% 64.2% 64.2% 117.5% 0.00% 72.2% 74.2% 74.2% 74.2% 80.5% 80.5% 80.5% 80.1% 90.1% 90.1%	777 . 3 8 8 8 8 8 8 8 8 8 8 8 8	3,142 4,259 5,998 5,998 5,2487 3,571 3,571 3,571 3,503	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6 6 89,933 15 6 89,933 16 89,933 17 7 89,933 18 9,933 18 9,933 18 9,933 19 9,933 18 9,933 19 9,933 10 9,93	77.2% 76.2% 70.1% 68.9% 69.7% 69.8% 65.0% 70.8% 72.4% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	105,275 103,911 59,867 58,826 178,521 178,521 55,512 60,465 (30,485 (30,485 49,746 49,947 53,438 52,384 52,384 41,981 41,981	15,342 (30,062 (31,176 (31,176 (34,421 (29,482 (120,682 (120,682 (130,682 (21,539 21,539 21,539 (36,499) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819)	68.2% 64.5% 49.3% 117.5% 172.8% 75.7% 75.7% 76.6% 80.5% 80.5% 80.5% 80.1% 90.1% 118.1%	111.2 9 ===================================	4,259 3,883 4,887 4,887 6,571 9,027 9,270 9,270 9,250 9,250 9,250 9,315	(12) 1 (1
6 6 69.933 19.933 19.933 19.933 19.933 10	76.2% 68.1% 68.1% 68.1% 68.6% 65.0% 70.5% 72.4% 74.1% 74.1% 74.4% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	59,867 59,867 59,867 59,522 178,321 55,512 60,465 60,465 60,729 49,746 53,438 52,334 52,431 41,881	(31,378 (31,098 (31,098 (31,408 (31,478 (31,478 (29,488 (29,488 (39,986 (38,98		21,539 (15,166) (12,166) (12,166) (12,166) (12,166) (12,166) (12,166) (10,819)	10.5% 117.5% 117.5% 10.0% 75.7% 76.7% 76.6% 80.5% 80.5% 80.5% 90.1% 90.1% 90.1% 118.1%		5,598 5,598 2,2,887) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210) 3,210)	(197) (197)
89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933 89,933	68.9% 69.7% 69.6% 69.6% 65.0% 70.8% 72.4% 74.4% 79.6% 76.1% 76.1% 76.1%	59,867 58,825 59,526 178,321 58,757 55,512 60,485 (30,729) 49,746 49,947 53,334 52,334 52,334 52,334 41,981	(30,066 (31,081 (31,476 (31,476 (34,421 (29,468 (10,682 (39,986 (36,498 (37,502 (37,50		(12.166) (12.166) (12.166) (12.166) (12.166) (12.166) (12.166) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819)	19.3% 117.5% 0.0% 72.5% 74.2% 74.2% 74.2% 80.5% 80.5% 80.1% 90.1% 90.1%		5.998 2.2887) 3.571) 4.6027) 4.027) 4.603 5.2265) 5.2265) 5.265) 5.2369) 5.2369) 5.2369) 5.2369) 5.2369)	(197.) (1
16 89,933 16 89,933	68 9% 69.1% 69.8% 65.0% 70.8% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0% 78.0%	58,525 178,321 58,525 55,512 50,465 60,465 60,465 49,746 49,947 49,947 52,348 52,348 52,348 52,431 44,487 44,487	(31,09) (31,09) (31,176) (34,42) (29,48) (120,662) (40,187 (30,98) (31,569) (31,569) (31,569) (31,569)		(36.499) (12.166) (12.166) (12.166) (12.166) (12.166) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819)	117.5% 0.0% 72.55% 76.7% 78.6% 80.5% 80.5% 91.1% 90.1% 118.1%		2,887) 2,210) 3,210) 3,210) 3,255) 3,915) 3,915) 3,148) 3,148) 3,135)	(25.5) (2
16 189 933 169 930 930 169 930 169 930 169 930 169 930 169 930 169 930 169 930 169 930 169 930 169 930 169 930	69.7% 69.6% 65.0% 70.8% 72.4% 74.1% 74.4% 78.0% 78.0% 78.0% 78.1% 59.0%	59,526 178,321 58,757 55,512 60,465 (30,729) 49,746 52,324 52,431 41,981	(30,407 (91,478 (31,176 (29,488 (120,662 (40,088 (38,9		(12.166) (12.166) (12.166) (12.166) (12.166) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819) (10.819)	75.7% 75.7% 74.2% 74.2% 80.5% 80.5% 80.5% 90.1% 90.1% 90.1%		8,571) 8,571) 8,027) 8,027) 8,033 8,033 8,035 8,035 8,148 8,148 8,175 8,135 8,135 8,135 8,135 8,135 8,135 8,135 8,135 8,135 8,135	(187) (187)
266,798 89,933 89,933 89,933 89,933 6 89,933 6 89,933 89,933 89,933 89,933 89,933 89,933 89,933	68.8% 65.0% 70.8% 72.4% 74.1% 74.4% 79.6% 78.0% 78.0% 78.0%	58,757 58,757 55,512 60,485 (30,728) 49,746 53,338 52,338 52,331 52,431 41,881	(91,476 (31,176 (34,421 (29,468 (120,662 (40,187 (39,986 (36,495 (37,502 (37,502 (37,502 (37,502		(12,166) (12,166) (12,166) (12,166) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	72.8% 74.2% 74.2% 78.6% 80.5% 80.5% 90.1% 118.1%	9 25565555	8,571) 9,027) 9,027) 9,027) 8,563) 8,968) 9,789) 9,789) 8,139) 8,139)	(2) (3) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
89,933 89,933 89,933 89,933 16 89,933 6 89,933 6 89,933 89,933 89,933 89,933	68.8% 65.0% 70.8% 72.4% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0%	58,757 55,512 60,465 (90,728) 49,746 49,947 52,384 52,384 52,384 41,487 41,881	(31,176 (34,217 (29,468 (120,662 (139,966 (39,966 (31,509 (37,509 (37,509		(12,166) (12,166) (12,166) (12,166) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	745.7% 745.7% 78.6% 80.5% 82.8% 91.1% 90.1% 118.1%		9,210) 9,210) 9,027) 2,255) 8,915) 9,959) 9,548) 9,748) 9,739) 8,135)	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
16 89.933 16 89.933 16 89.933 16 89.933 16 89.933 16 89.933 18 89.933 18 89.933 18 89.933 18 89.933	65.0% 65.0% 70.8% 72.4% 74.1% 74.1% 78.0% 78.0% 78.0% 78.0%	58,757 55,512 60,465 (30,729) 49,746 49,947 53,439 52,364 52,364 52,364 41,981	(31,178 (34,421 (29,488 (120,682 (40,187 (39,986 (31,569 (31,569 (31,569		(12,166) (12,166) (12,166) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	75.7% 78.2% 78.6% 80.5% 82.2% 87.1% 90.1% 118.1%		2,210) 9,027) 2,653) 2,255) 3,915) 3,915) 3,656) 3,748) 3,748) 3,748) 3,735)	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
6 6 89,933 89,933 89,933 16 89,933 6 89,933 6 89,933 89,933 89,933	70.8% 72.4% 72.4% 74.1% 78.6% 78.0% 78.1% 59.0%	55,512 60,465 (30,729) 49,947 49,947 53,438 52,364 52,431 41,981	(34,421) (29,488) (120,682) (40,187) (39,986) (36,495) (37,502) (37,502)		(12,166) (12,166) (2,814) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	74.2% 86.5% 80.5% 82.4% 80.2% 90.1% 118.1%		9,027) 1,523] 1,915] 1,915] 1,915] 1,148] 1,748] 1,748] 1,335]	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
6 89.933 89.933 89.933 8 89.933 8 89.933 89.933 89.933 89.933	70.8% 72.4% 74.1% 74.4% 79.6% 78.0% 78.1% 718.% 65.6%	60,465 (30,729) 49,746 49,947 53,438 52,364 52,364 52,431 41,991	(29,488 (10,682) (10,682) (10,886) (10,485) (17,502) (17,502) (17,502) (17,502) (17,502)		(12,166) (2,814) (10,819) (10,819) (10,819) (10,819) (10,819) (1,904)	78.6% 80.5% 82.4% 82.8% 91.1% 90.7% 118.1%		1,563) 2,265) 3,968) 1,669) 3,789) 3,789) 5,187)	6.55 (9.55)
6 6 69.933 6 6 69.933 6 6 69.933 6 6 69.933 89.933 89.933 89.933	72.4% 74.1% 79.5% 78.0% 76.1% 71.18%	(30,729) 49,746 49,847 53,438 52,364 52,431 34,497 41,981	(120,662 (40,187 (30,986 (31,569 (37,569 (37,569		(2,814) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819) (10,819)	80.5% 82.4% 82.8% 91.1% 90.1% 118.1%		2,265) 3,958) 3,958) 3,748) 3,748) 3,759) 3,735) 5,197)	25.0 (
6 89,933 6 89,933 6 89,933 6 89,933 89,933 89,933	74.1% 74.4% 79.6% 78.0% 78.1% 77.1% 77.5%	49,746 49,947 53,438 52,364 52,431 34,497 41,981	(40,187 (39,986 (36,986 (37,569 (37,502 (37,502		(10,819) (10,819) (10,819) (10,819) (10,819) (7,904)	82.4% 82.8% 91.1% 90.1% 118.1% 73.4%		8,915) 8,956) 8,756) 8,758) 8,735) 8,335)	19 19 19 19 19 19 19 19 19 19 19 19 19 1
16 89,933 6 89,933 6 89,933 8 89,933 89,933 89,833 89,933	74.4% 79.6% 78.0% 78.1% 59.0% 77.1%	49,947 53,438 52,364 52,431 34,497 41,981	(39,986 (36,495) (37,569) (37,569) (37,502)		(10,819) (10,819) (10,819) (10,819) (7,904)	90.1% 90.1% 90.2% 118.1% 78.4%		8,958) 9,858) 9,748) 9,759) 9,335) 6,833,	(35.00) (35.00
6 89,933 6 89,933 6 89,933 89,933 89,933	79.6% 78.0% 78.1% 79.0% 71.8%	53,438 52,364 52,431 34,497 41,981	(37.569 (37.569 (37.502) (55.436)		(10,819) (10,819) (10,819) (7,904)	91.1% 90.1% 90.1% 118.1% 78.4%		9,856) 9,748) 1,759) 1,335) 1,335 1,337	(35) (35) (34) (31) (31)
6 89,933 6 89,933 89,933 89,933 89,933 89,933	78.0% 78.0% 79.0% 71.8%	52,364 52,431 34,497 41,981	(37,569)		(10,819) (10,819) (7,904) (7,904)	90.1%	3 3 3 3 3	3,748) 3,748) 3,735) 5,335) 6,197)	38.8 3.1.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3
6 89,933 89,933 89,933 89,933 89,933	78.1% 59.0% 71.8%	52,384 52,431 34,497 41,981	(37.502)		(10,819) (10,819) (7,904) (7,904)	90.1% 90.2% 118.1% 78.4%	3 50 50 5	9,740) 9,759) 9,335) 5,197)	3.50 1.60 1.60 1.60 1.60 1.60 1.60 1.60 1.6
89,933 89,933 89,933	59.0% 71.8%	34,497	(55,436		(7,904)	118.1%	3 3 3	9,335) 9,335)	(3.1) (3.1) (3.1)
89,933 89,933 89,933	%0.EC	41,981	(55,450		(7,904)	78.4%	2 2	6,197)	2558
55.00 50.00 50.00 50.00	7 1.078 SR SR	41,501			(4,904)	40.47 70.47		0,197)	5.6
658.833	200	0.00	(305/4)		12 22 11		2 3	(Y) M >	(5)
	8000	38,350	//c'lc)		(7,904)	13.0%	.	10000	
68,933	72.0%	42,09B	(47,835		(7,904)	21.0%	2	(4,031)	(63)
89,933	64.7%	37,830	(52,103)	_	(7,904)	38.6%	3	(3,051)	(28,520
7 89,933	69.7%	41,650	(48,283)		(12,972)	47.9%	*	(6,214)	(31,683)
July 2017 89,933 58,659	71.0%	41,648	(48,285		(8,736)	68.0%	~	5913	(31,410)
August 2017 89,933 58,659	69.8%	40,944	(48,989)	25,469	(8,736)	67.2%	-	(5,871)	(3)
September 2017 89,933 58,659	63.7%	37,366	(52,567)		(8,736)	59.1%		(5,163)	(30)
89,933	64.6%	37,894	(52,039)		(8.736)	%6.09	3)	(5.320)	(30,789
17 89 933	66.7%	39.125	808 057		(8.736)	63.4%		5 539)	(31 008)
80.033	20 197	40.633	(40 AD)	25.460	/B 7361	AR 284		(6.784)	(636.16)
500,00					(0,130)	00.678			, (2)
Service sea sea on a service sea sea on a service sea sea on a service sea	K0.001 846.16	00,000	(85,059)		787	30.39	100.076	44,052	(13,230)
acidest									
68,833	3		_		167	60.00			(36,210
89,933	100				291	-15.4%			(62,288)
April 2018 89,933 57,035	100	98,937			291	66.9%	100.0% 21	21,520 (31,880)	(35,628)
May 2018 89,933 57,035	66.8% 100.0%	99,594	(92,069) (82,408)		291	67.1%	100.0% 21	21,588 (31,880)	(35,760)
89,933	100				(19.634)	70.9%		25.946 (58.246)	(55,769
P 0 0 1	100				(307)	57.7%			F2 A CA)
60000	5				(2 073)	AC 08			(240.14.7
00000	2 6				(2,0,0)	20.00			1000
00.000	80.00 M	00,000	(DCU,00) (C00,00)		(3,0/2)	W7.70		(BBG'CS) 7/4/07	(40,966)
69,933	000		-		(3,072)	E0.00			(42,814
89,933	100				(3,072)	63.7%			(40,476
89,933	00		_	25,469	(3,072)	62.1%			(41,015)
69,933	100		_		(15,290)	86.0%			(50,821)
89,933	100		(128,034) (122,244)		(15,290)	68.8%			(49,993)
89.933	100		_		(15,290)	77.3%			(47.466
89 933	100				(15.290)	65.5%			(50 963)
80,933	66.1% 100.0%	92,198	The latest and the la	THE REAL PROPERTY.	(15,486)	66.0%	Manager 1	100	(50.947)
9,671,756		10,100,847	(1,255,014)	2,976,243			1,314	,314,553	(2,317,624)

(1,277,402)

↑ Total regulatory asset (kabikty) for Pensions ↑ Total regulatory asset (kabikty) for OPEBs

35

Union Electric Company Pension & OPEB Regulatory Asset Calculation Gas JV GL646

254TRO/254NTO Difference Actual O&M NS Exp Actual O&M Serv Exp Actual NS O&M % Actual Serv O&M % Cost built into Actual Rates (B) FAS 106 costs **UEC direct portion** Actual Serv Actual NS Actual O&M Actual O&M 254TRP/254NTP O&M% Serv Exp NS Exp Ofference FAS 87 costs Actual Cost built into Rates (A)

Note: Below info is updated only when rate case is finalized. Info is received from Mike Roesch.

(A) From rate case work papers. It is calculated monthly as follows:

2,650,167

Non-Qualified Plan costs

Non-Qualified Plan cost Footnotes:

Gas Portion 89933 (B) From rate case work papers. It is calculated monthly as follows: 4.10% 76.96% 2,850,167 O&M % in rates O&M amount in rates

25469 4.10% 78.96% 807,167 FAS 106, after Part D O&M % in rates O&M amount in rates Basis for regulatory asset: Per 25, 2007, order #13, "The parties agree that AmerenUE may establish and use a Pension and OPEBs tracker. The specifics of this tracker are attached as Schedule 4 to this agreement."

Per the electric order (ER-2007-0002) dated April 11, 2007 (Tier 1) the pension and OPEB issue was settled. The order stated "Persion and OPEB tracking method requested by the Company and described in the Supplemental Direct testimony of C. Kenneth Vogl on Septlember 29, 2008, including the supplemental clarification attached hereto as Attachment C shall be adopted."

Jan 2018 adjustment:

Actual O&M % Cost built into Actual (96,194) (96,194) Difference (6,261) Actual O&M Expense Cost built into Actual Actual Actual Rates (A) FAS 87 costs O&M % 89,833 57,035 89,933 57,036 **UEC** direct portion Pensions January 2017 January 2017 (adjust)

(13,296)

Difference

Expense 12,173 12,173

Actual O&M

Total OPEB 254TRO 254NTO		(17,832)	(15,736)	(17,961)	117,762)	(14,688)	(13,029)	(13,477)	(14,114)	(13,610)	(14,127)	(20,304)	(50,030)	(424.578)	11,922	(41,953)	(41,565)	(41,402)	(34,677)	141 187	(42.050)	(42,148)	(42,024)	(42,844)	(505,567)	(36,437)	(35,365)	(36,414)	(30,130)	(37,295)	(37,431)	(37,715)	(37,769)	407	(44,906)	(75,325)	(44,599)	(64,372)	(51,137)	(53,013)	(49,600)	(49.327)	(49,612)	(61,419)	(60,158)	(58,005)	(62,423)		(2,679,266)	
Total Pension 254TRP 7254NTP		18,111	16,304	20,288	21,461	2.972	14,561	12,048	20,030	21,831	13,532	(37,615)	(202,72)	(110,878)	12	(36,950)	(40,120)	(41,514)	(126,111)	(45,970)	(42,607)	(43,231)	(43,594)	(64,357)	(58.829)	(54,298)	(58,833)	(55,090)	(024,820)	(59,336)	(58,875)	(57,389)	(56,694)	120	(93,476)	(106,472)	(98,386)	(90,664)	(105,370)	(116,527)	(103,228)	(99.987)	(98,339)	(151,208)	(145,527)	(135,373)	160,624		(1,277,402)	
T 254TRO Z	99	(3,592)	(2,448)	(2,369)	(2,422)	(2.509)	(1,776)	(1,793)	(2,388)	(2,400)	(166,2)	(833)	(10,162)	(4,187)	(2000)	(7,275)	(7,068)	(6,370)	(6,943)	(8,760)	(6.724)	(6,931)	(8,796)	(8,040)	(6,637)	(6.936)	(6,845)	(4,731)	(6,632)	(6,683)	(6,641)	(6,707)	(8,517)	408	(8,895)	(13,036)	(8,770)	(8,603)	(8,684)	(8,728)	(8,814)	(8.851)	(8,598)	(10,597)	(10,165)	(10,540)	(11,476)		(496,233)	
Actual Gas 2		282	1,739	1,818	1,765	1,678	2,411	2,394	1,799	1,787	0.00.0	143 006	(088'01)	(18.037)	10000	(3,088)	(2,881)	(2,183)	(2,750)	(5,154)	(2.537)	(2,744)	(2.609)	(3,853)	(2,430)	(2,749)	(2,658)	(544)	(2.445)	(2,478)	(2,454)	(2,520)	(2,330)	408	(4,508)	(8,849)	(4,583)	(4,416)	(4,497)	(4,541)	(4,027)	(4.664)	(4,411)	(6,410)	(5,978)	(6,333)	(7,289)		26,708	
Actual O&M																																	1000 6777	244.979	(194,034)	(200,236)	(196,249)	(156,600)	(191,296)	(192,577)	(190,993)	(192,150)	(195,566)	(219,925)	(213,275)	(218,025)	(218,025)			
ctual O&M		14,512	42,135	44,335	43,048	40,921	58,811	58,391	43,889	43,585	39,810	61,795	(540,140)	(220.414)	day a constant	(75,305)	(70,271)	(53,254)	(67,218)	(62 744)	(61.888)	(66,935)	(63,635)	(93,978)	(55,544)	(67,056)	(64,835)	(13,265)	(59 62R)	(93,025)	(59.859)	(61,467)	(56,819)	(235,038)	84,087	(15,589)	84,478	46,885	81,621	81,815	70,656	78.389	67,991	63,578	67,460	69,079	40,238			
OPEB Actual NS A																																	400.00%		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
Actual Serv	O&M %		64.7%								١	407.1%	\$1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	69.0%	2000	71,7%	66.6%	66.2%	4. 14. C	60.1%	58.58	64.4%	63.2%	89.8%	80.00 80 80 80 80 80 80 80 80 80 80 80 80 8	66.1%	64.2%	64.0%	68.1%	68.2%	67.9%	69.1%	67.5%	1000	62.5%	-11.2%	62.1%	46.2%	62.0%	61,7%	50.0%	26.2%	65.3%	57.7%	63.1%	87.7%	46,8%			
Te a	FAS 106 costs	43,000	111,000	111,000	111,000	154,000	154,000	154,000	154,000	154,000	134,000	242,000	242,000	726.0003	(paping)	(242,000)	(242,000)	(182,000)	(232,000)	(232,000)	(232,000)	(232,000)	(232,000)	(229,000)	(229,000)	(229,000)	(229,000)	(47,000)	(199,000)	(199,000)	(199,000)	(199,000)	(199,000)	(papiner)	(136,000)	(136,000)	(136,000)	(113,000)	(133,000)	(133,000)	(133,000)	(133,000)	(133,000)	(237,000)	(237,000)	(237,000)	(287,816)			
Cost built into Ac		4,187	4,187	4,187	4,187	4,167	4,187	4,187	4,187	4,187	4.107	4,18/	4,107	12.581	200	4,187	4,187	4.187	4.187	4 187	4.167	4 187	4,187	4,187	4.187	4,187	4,187	4,187	4 187	4,187	4,187	4,187	4,187	5	4,187	4,187	4,187	4,187	4,187	4,187	4,187	4.187	4,187	4,187	4,187	4,18/	191		522,939	
31 '		8,042	7,738	6,337	5,903	994	7,264	0.0070	6,461	6,489	[447]	5,749) 6,442)	B,4 12)	(19,400)	1000	5.774)	5,699)	(12,046)	0,448)	5 893)	6,112)	5,662)	6,092)	(8,921)	7 2523	6,464)	8,730)	5,806)	8,881)	5,769)	5,835)	5,581)	(7,295)	120	5,398)	5,263)	(15,321)	(14,662)	(15,087)	(15,167)	(15,198)	(16.017)	(14,048)	(25,026)	(23,283)	(25,017)	(24,855)		(111,378)	
		52 5	346	947	513	604	874	089	071	660				27.430 (1	L			3,564 (1															9,315														(9,245) (2			
Actual Gas	Aßoca	23	i Si	21	23,	1,0	22,	22,	22	22,		no c	ກັດ	27.		ch ch	ත [්]	ന്	ġ ţ	2 0	ர் ஏர்	on on	6	9	o a	i oi	æ	œ c	n œ	ຳດົ	9	6			_	_			_	_				_				1	1,611,067	
Actual O&M														the state of the s																			74 084 DOG			(489,968	(480,212	(331,650)	(459,200	(462,275	(470,475)	(481 250	(469,450	(625,513)	(606,599)	(620, 109	(820,109)			
Actual O&M	Serv Exp	576,874	569,470	535,282	524,699	404,966	557,908	553,179	538,320	539,002	308,029	216,119	224,330	669,035	Destant	239,902	241,736	86,933	247,830	277,074	231.660	242,635	232,139	163,136	203,655	223,082	216,580	214 727	212 895	215,640	214,022	220,208	202,812	(596 522)	479,963	498,422	487,261	354,770	471,946	473,080	460,523	451.317	507,541	395,852	419,458	390,676	384,619		48,356,983	
Pensions Actual NS			į																														400.00	80.00	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			
Actual Serv A		9.8%	72.5%	67.2%	66.6%	62.9%	85.9%	86.3%	85.3%	85.6%	40.8C	2000 2000 2000 2000 2000 2000 2000 200	81.2%	80.7%	2	66.2%	66.4%	66.0%	73.0%	70.6%	68.1%	72.6%	71.7%	48.7%	6.1.0 6.1.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	68.7%	67.0%	66.7%	66 1%	66.2%	66.0%	67.3%	65.5%	200	62.4%	62.8%	62.7%	52.6%	81.6%	61,3%	47.10	58.6%	64.8%	58.1%	63.5%	50.0% Sp. 089	58.4%			
UEC A	%	35 3	45.1%	45.7%	45.2%	45.5%	45.9%	45.3%	44.6%	44.5%	44.378	43.5%	43.078	44.0%		43.4%	43.6%	44.2%	45.2%	45.0%	45.6%	44.8%	43.4%	45.7%	44.0%	44.3%	44.1%	44.1%	44 0%	44.5%	44.3%	44.7%	42.3%	7	43.8%	45.2%	44.3%	45.0%	44.8%	45.1%	45.8%	45.0%	45.8%	46.3%	44.9%	45.9%	46.9%			
	7 costs	0	1,743,000	1,743,000	743,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	0.415,000	835,000	935,000	2.505.000	Annionnia	835,000	835,000	298,000	745,000	746,000	746,000	746,000	746,000	733,000	733,000	733,000	733,000	730,000	732,000	732,000	732,000	732,000	732,000	000	671,000	671,000	671,000	756,000	000'989	686,000	000'000	686.000	686,000	121,000	121,000	121,000	120,551			
Cost built into Actual		15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	13,010	018,61	13,010	46.830	2000	15,610	15,610	15,610	019,61	15,610	15.610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15,610	20,010	15,610	15,610	15,610	15,610	15,610	15,610	15,610	15.610	15,610	15,610	15,610	019,61	15,610		1,722,445	
			n					015		15		_ =	D							316		16	16							117		-13	17	(adeust)	9					,	916	19	9	_	os.		THE REAL PROPERTY.			
		January 2015	March 2015	April 2015	May 2015	July 2015	August 2015	September 20	October 2015	November 2015	December 20	January 2016	Many 2016	012016		April 2016	May 2016	June 2016	July 2016	Sentember 2016	October 2016	November 20	December 2016	January 2017	March 2017	April 2017	May 2017	June 2017	August 2017	September 2017	October 2017	November 2017	December 20	January 2018 (advist)	February 2018	March 2018	April 2018	June 2018	July 2018	August 2018	September 2018	November 2018	December 2018	January 2019	February 2019	March 2019	May 2019		LMM-S1	

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	al OPEB	254TRO 7254NTO					Total OPEB 254TRO	(18,220) (17,813) 407	
	nsion	ZSATRP ZS ZSANTP ZS					Total Pension Total OPEB 254TRP 254TRO	(112,021) (111,901) 120	
	- (254TRO 72 Difference				(⊢ ñ	Difference (4,924) (4,516) 408	
								Actual Gas Expense Di (737) (329) 408	
		Actual O&M / NS Exp							
		Actual NS Actual O&M Actual Gas O&M % Serv Exp Rypense						Actual O&M Expense (17,976) (8,035) 9,941	
	OPEB	Actual NS A O&M % S						¥ ŵ	
		Actual Serv O&M %						Actual O&M %	
		Actual FAS 106 costs						Actual FAS 106 costs (136,000) (136,000)	
VEC		Cost built into A Rates (D) F	5 for OPEBS).					Cost built into A Rates (D) F; 4,187 4,187	
AMS allocated to UEC		254TRP Oxference	ons & 926-TR(Gas Portion 15610	4187			Oifference (15,827) (15,707) 120	
V		Actual Gas Allocation	is). 26-TRP for pensi					Altocation (217) (97) (97)	
		Actual O&M NS Exp	TRO for OPEE bit expense (9						
		Actual O&M Serv Exp	ensions & 926-					Actual O&M Expense (5,298) (2,368) 2,930	
	Pensions	Actual Serv Actual NS O&M % O&M %	1926-TRP for p pr 254-TRO for		*				
		- 1	edit axpense for pensions c	4.10%	Ows: 4.10%			Actual O&M %	
		UEC s portion %	(182-) and cr lity (254-TRP	monthly as foll 83 83 83 83 83 83 83 83 83 83 83 83 83	nonthly as for 17 1.5 15 23 23			b bortion %	
		t built into Actual Rales (C) FAS 87 costs	gulatory asset regulatory kabi	Is calculated more is 1,194,583 is 1,194,583 is 44,01% is 72,42% is 380,738	is calculated mon 320,417 8 44,01% C 141,015 8 72,42%	id to UEC		6 Actual FAS 87 costs 671,000	
		Cost built into Actual Rates (C) FAS 87	sstion, debit re vosition, credit	I rate case work papers. It is AMS Qualified Plan costs Non-Qualified Plan cost Testa costs AMS Labor to UEC in rates. AMS Pension costs at UEC O&M % in rates.	rate case work papers. It is FAS 106, after Part D AMS Labor to UEC In rates AMS OPEB costs at UEC O&M % in rates O&M amount in rates	AMS affocated to UEC	Pensions	Cost built into Actual Rates (C) FAS 81 15,610 (if, 15,610 (
			Adjustments required If regulatory asset position, debit regulatory & and tredit expense (926-TRP for Densions & 926-TRO for OPEBs). If regulatory kability position, credit regulatory & ability (254-TRP for pensions or 254-TRO for OPEB) and debit expense (926-TRP for pensions & 926-TRO for OPEBs).	(C) From rate case work papers. It is calculated monthly as follows: AAS Guadified Plan costs Non-Qualified Plan costs AAS Labor to UEC in rates AAS Labor to UEC in rates AAS Pension costs at UEC O&M % in rates 72.42% O&M Amount in rates 380,738	(D) From rate case work papers. It is calculated monthly as follows: FAS 106, after Part D 320,417 AMS Labor to UEC in rates 44,01% AMS OPER costs at UEC 741,015 O&M & in rates 72,42% O&M amount in rates 102,123			January 2017 January 2017 (adjust)	

AMS allocated to UEC

AMEREN MISSOURI ACCUMULATED DEFERRED INCOME TAXES 06/30/2018

<u></u>	_							
					ALLO	OWED IN RATES		
	E	BALANCE AT		BALANCE AT		BALANCE AT	PI	RO FORMA
		06/30/18		06/30/18	05	/31/19 TRUE-UP	AD	JUSTMENT
ACCOUNT 190:		-						7771112111
MINORS 611 & 612 120-INJURIES & DAMAGES RESERVE (1)	S	757,070	S	2	\$			
MINORS 611 & 612 140-UNCOLLECTIBLE ACCOUNTS (1)	•	165,374	•		9			
MINORS 611 & 612 186-CHARITABLE CONTRIBUTION-GAS (1)		368,175		ā				
, ,		•		*				-
MINORS 611 & 612 387A-EMPLOYEE BONUS ACCRUAL & PYMT (1)		159,838		*				*
MINORS 611 & 612 420-FASB 106 LIABILITY (1)		1,094,756		*				
MINORS 611 & 612 420B-FASB 106 MEDICARE PART D (1)		(43,013)						+
MINORS 611 & 612 500-GAS STORAGE FIELDS		756,972		756,972		810.872		53,900
MINORS 611 & 612 641 OVER/UNDER ACCRUAL OF GROSS RCPTS TAX		8,397		*				F.
MINORS 611 & 612 643 OVER/UNDER ACCRUAL OF FRANCHISE TAX (1)		37						6
MINORS 611 & 612 643 OVER/UNDER ACCRUAL OF PROPERTY TAX (1)		129.853		2				8
MINORS 611 & 612 680-PENSION EXPENSE (1)		506.531		9				3
MINORS 611 & 612 681-PENSION/OPEB TRACKER		2,501,791		2 504 704		025 170		/4 CCC C401
MINORS 611 & 612 900-VACATION PAY ADJUSTMENT (1)				2,501,791		935,178		(1,566,613)
		377,212		•				
MINORS 611 & 612 TXR DEF ASSET REG (1)		(758,178)				-		8
MINORS 611 & 612 - TAX REFORM		566,780		566,780		614,318		47,538
MINOR 100 FAS 109 (1)		86,900						
				22 ///	_			
TOTAL ACCOUNT 190	\$	6,678,495	\$	3,825,543	\$	2,360,368	\$	(1,465,175)
4.0001117.000								
ACCOUNT 282:	_		_					
MINOR 111 PROPERTY RELATED - FEDERAL	\$	(69,983.121)	\$	(69,983,121)	\$	(70,844.891)	\$	(861,770)
MINOR 112 PROPERTY RELATED - STATE		(10.298,974)		(10,298,974)		(8,653,850)		1,645,124
MINORS 115 & 116 AUTOMATED METER -CELLNET		404,924		404,924		398,921		(6,003)
MINORS 125 & 126 MIXED SERVICE COSTS				€				(/
MINOR 147 TAX REFORM - FEDERAL		6,565,771		6,565,771		394.641		(6,171,130)
MINOR 147 PROPERTY RELATED CWIP - FEDERAL		12,823		12,823		(20,537)		
MINOR 147 PROPERTY RELATED CWIP - FEDERAL (1)				12,023		(20 337)		(33,360)
MINOR 148 TAX REFORM - STATE		(15,629)						-
		(195,839)		(195,839)		(11.387)		184,452
MINOR 148 PROPERTY RELATED CWIP - STATE		3,958		3,958		(3.408)		(7,366)
MINOR 148 PROPERTY RELATED CWIP - STATE (1)		(4,224)						**
MINORS 149 & 150 ADIT NON POWERTAX		735,730		735,730		379 341		(356,389)
MINOR 352 TEMPORARY DIFFERENCES (1)		27,455,346		4				*
MINOR 353 ADJ TO FAS 109 REGULATORY ASSET - FED (1)		(79,658)						2
MINOR 356 REGULATORY ASSET GROSS UP (1)		9,401,801						
MINOR 753 AFUDC EQUITY CWIP - FEDERAL (1)		(5,278)						71
MINOR 754 AFUDC EQUITY CWIP - STATE (1)								
MINOR TXR ADIT CWIP REG ASSET		(1,427)						
MINOR TAR ADIT CAME REG ASSET	_	(8,521,015)	_		-		-	
TOTAL ACCOUNT 282	\$	(44,524,812)	\$	(72,754,728)	\$	(78,361,170)	\$	(5,606,442)
ACCOUNT 283:								
MINORS 651 & 652 TAX REFORM	\$	(146,172)	\$	(146,172)		(140.081)		6.091
MINORS 651 & 652 383-ENERGY EFFICIENCY REG ASSET	•	(230,962)						•
MINORS 651 & 652 383-ENCESS TRACKER		(230,302)		(230,962)		(9,137)		221,825
				≅:		3 940		3,940
MINORS 651 & 652 590-MANUFACTURED GAS CLEAN-UP (BOOK) (1)		422,048				:0		*
MINORS 651 & 652 708-PREPAYMENTS - 12 MONTH RULE		(109,421)		(109,421)		(116,205)		(6,784)
MINORS 651 & 652 710-PURCHASED GAS ADJUSTMENT (1)		-		*				
MINOR TXR - ADIT DEF LIAB REG ASSET (1)	=	195.534	_		-	<u> </u>	_	
TOTAL ACCOUNT 283	S	131,027	\$	(486,555)	9	(261,483)	9	225.072
TOTAL ROOM IT AND	-	131,027	9	(400,355)	9	(201,483)	9	225.072
TOTAL ACCUMULATED DEFERRED INCOME TAXES	\$	(37,715.290)	\$	(69,415,740)	\$	(76,262,285)	S	(6,846,545)

⁽¹⁾ Excluded from Rate Base Calculations

For the 12 Months Ending June 30, 2018 Updated through True-Up May 31, 2019 Software Rental Revenue And Expenses Gas Rate Review Filing GR-2019-0077 Ameren Missouri

		217,068 \$ 217,068 Increase Revenue	670,575 \$ 638,640 \$ (31,935) Decrease Expense
а	ljustment	217,068	(31,935)
E	Αc	⋄	₩
Pro Forma	Amount Adjustment	217,068	638,640
		₩.	\$
	Acct Test Year	•	670,575
	Ì	₩.	
	Acct	454	931 \$
		Software Rentals Revenue	Software Rental Expense

			2018 Data	ata						2017 Data	m		
							CALL THE SECOND SECOND	2000					
Corporation	全 5	Corporation Utility Business Division Major-Minor Activity	Major-Minor	Activity	Resource Type Amount	Amount	Comoration	Limited	Companion Utitity Business Division Major-Minor Activity Resource Type Amount	Moior-Minor	Activity	Resource Type	Amount
-	-		40000	-	41.0	1 1 1 1 1 1 1		1					
UEC	CI.	22	931AIC	2	NS	280,084.08	UEC	2	23	931	RSFT	SNS	299 340 00
	L												
UEC	P4	88	931AIC	ACOS	NS	37,935.76	UEC	2	200	931	ACOS	SZ	46 519 68
1			-	1									
UEC	7	83	931ITC	ACOS	NS	6,694,80	Grand Total						345,859,68
Grand Total	_					324.714.64							

46,519.68 345,859.68

299,340.00

> and Period Key is between 201801 and 201806 and ACCTCD is equal to 931fTC, 931AIC Year Number is equal to 2018 and CRP is equal to UEC and Util is equal to 2

and Amount Type Code is equal to / is in 1

and Period Key is between 201707 and 201712 and Amount Type Code is equal to / is in 1 Year Number is equal to 2017 and ACCTCD is equal to 931 and CRP is equal to UEC and RT is equal to NS and Util is equal to 2

Ameren Missouri Building Rental Revenue Gas Rate Review Filing GR-2019-0077 For the 12 Months Ending June 30, 2018 True-Up through May 31, 2019

Corporation	UEC
Utility	2
Major	(AII)

Sum of Amount	Column Labels		
Row Labels	AIC	AMS	Grand Total
201707	(1,204.00)	(52,908.00)	(54,112.00)
201708	(1,204.00)	(52,908.00)	(54,112.00)
201709	(1,204.00)	(52,908.00)	(54,112.00)
201710	(1,204.00)	(52,908.00)	(54,112.00)
201711	(1,204.00)	(52,908.00)	(54,112.00)
201712	(1,204.00)	(52,908.00)	(54,112.00)
201801	(1,204.00)	(52,908.00)	(54,112.00)
201802	(1,204.00)	(52,908.00)	(54,112.00)
201803	(586.00)	(31,032.00)	(31,618.00)
201804	(998.00)	(45,616.00)	(46,614.00)
201805	(998.00)	(45,616.00)	(46,614.00)
201806	(998.00)	(45,616.00)	(46,614.00)
201807	(998.00)	(45,616.00)	(46,614.00)
201808	(998.00)	(45,616.00)	(46,614.00)
201809	(998.00)	(45,616.00)	(46,614.00)
201810	(998.00)	(45,616.00)	(46,614.00)
201811	(998.00)	(45,616.00)	(46,614.00)
201812	(998.00)	(45,616.00)	(46,614.00)
201901	(998.00)	(45,616.00)	(46,614.00)
201902	(998.00)	(45,616.00)	(46,614.00)
201903	424.00	(103,261.00)	(102,837.00)
201904	(524.00)	(64,831.00)	(65,355.00)
201905	(524.00)	(64,831.00)	(65,355.00)
Grand Total	(21,820.00)	(1,188,995.00)	(1,210,815.00)
Total Test Year	(13,212.00)	(591,144.00)	(604,356.00)
Annualized May 2019	(6,288.00)	(777,972.00)	(784,260.00)
Pro Forma Adj	(6,924.00)	186,828.00	179,904.00
	(Decrease Payanua)	Ingrance Davis	

(Decrease Revenue) Increase Revenue

AMEREN MISBOURI TOTAL ANNUALIZED LABOR ADJUSTIVENT - SUMMARY TWELVE MONTHS ENDED JUNE 30, 2018

TOTAL PRO FORMA ANNUALIZED LABOR (e+1)	\$ 472,473 3,665 6,873,560 1,277,016 619,745 64,770 3,892,454 13,208,683	TOTAL PRO FORMA AMMUALZED LABOR (e+1)	2.918 4.214.394 663,605 778,002 615,602 615,602 6264.608	j TOTAL PRO FORMA AWNUALZED LABOR (**)	\$ 472,473 747 2,656,166 623,411 41,743 64,770 3,091,782
TOTAL PRO FORMA <u>PACREASE</u> ((+h)	\$ 20,002 93 219,417 42,194 20,740 2,654 144,530 449,630	j Total Pro Forma NCREASE ((*1)	\$ 71 102 789 15,942 16,976 15,072 150.7785	1 TOTAL PRO FORMA WCREASE (1*1)	\$ 20,002 22 116,028 26,252 1,764 2,654 129,513
PRO FORMA WAGE INCR. EFFECTIVE 0702119 (g* h-2 [m/e])	40	PRO FORMA WAGE WCR. OF EFFECTIVE 07/01/19 (g* h-2 [rate])		h-2 PRO FORMA WAGE INCR. EFFECTIVE 0701119 (g* h-2 [nio])	
PRO FORMA WAGE INCR. EFFECTIVE 01/21/19 (g* h-1 [rate])	\$ (1,850 22 77,053 16,275 1,224 1,899 1,899 203,584	PRO FORMA WAGE INCR. EFFECTIVE 01/01/119 (g' h-1 [mic])		h-1 PRO FORMA WAGE INCR. OF 3.02% EFFECTIVE DIVILLIB (gr.h-1 [rate])	\$ 13,850 22 77,953 18,275 1,224 1,609
ANNUALIZED LABOR (c+f)	\$ 458,623 3,643 8,795,507 1,258,741 818,521 2,071 3,007,133 13,005,119	AMMUALIZED LABOR (e+f)	2,918 4,214,394 653,605 778,002 615,687 6,264,608	G ANNUALIZED LABOR (0+1)	\$ 456,623 725 2,581,213 605,136 40,519 62,871 2,981,429
PRO FORMA WAGE INCR. EFFECTIVE 97751119	102,769 102,769 15,942 10,978 15,017	AMEREN MISSOURI TWELVE MONTHS ENDED JUNE 30, 2018 F.1 F.2 F.3 F.4 F.4 F.4 F.5 F.5 F.5 F.5 F.5	2.847 171 111.505 102.789 507,663 15.942 159,026 189,76 111,811 150.7 AMEREN MISSOURI	TWELVE MONTHS ENDED JUINE 30, 2018 1-1 1-1 1-2 PRO FORMA WAGE WCR. OF 2.705 2.705 EFFECTIVE EFFECTIVE M. DATOLIS 1.00118	
PRO FORMA WAGE INCR. EFFECTIVE BINGILIS	\$ 0,152 - 3,017 7,917 540 540 251 99,122 93,271	AMEREN MISSOURI ZED LADOR ADJUSTILEN ELVE MONTHS ENDED JUN F1 F1 PRO FORMA PRO F WAGE WCR. WAGES EFFECTIVE EFFECT DEVOLUTE 0770	S S S S S S S S S S S S S S S S S S S	ILVE MONTHS ENI 1-1 FRO FORMA WAGE INCR. OF 2.78% EFFECTIVE INDITIS	\$ 6,152 - 38,675 7,977 540 540 7,55
EXPENSE EXCLUDING INCENTIVE COMPENSATIV (a-b-c)	\$ 452,471 3,572 8,854,143 1,234,822 799,005 02,116 3,552,824 12,759,063	AWHUAL TWE LABOR LABOR EXPENSE EXCLUDING NUCENTIVE (6+0-c)	\$ 2.847 4,111.605 637.663 759.026 500.679 8,111.811	o LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATIV	\$ 452,471 1726 2.542,538 597,159 62,116 62,116
LONG TERM MCENTYE COMPENSATN 12mon 06/2011	\$ 53,647 31,242 16,423 9,350 454,864 565,548	LONG TERM MCEMTIVE COMPENSATIVE 12mos 06/39/18	**	COND TERM NCENTIVE COMPENSATN 12mos 0620/18	\$ 53,047 - 31,242 16,423 9,350
NCENTYE COMPENSATN (DISTRIBUTION 12mos, 6(20/18	\$ 102,754 51 454,109 99,637 27,447 10,387 699,640 1,394,019	PICENTIVE COMPENSATIV DISTRIBUTION 12mos 672018	24 116.005 20,150 19,540 171,409	b INCENTIVE COMPENSATN DISTRIBUTION 12mos (139/18	\$ 102,754 27 338,054 79,481 7,907 10,397 684,000
LABOR EXPENSE 12 MOS. ENDED 06/20/10	\$ 606,672 3,023 7,139,484 1,350,687 6,35,602 72,503 4,075,448 14,718,618	LABOR EXPENSE 12 MOS. ENDEO	2.2.1 660 657.813 778.568 6.283.220	LABOR EXPENSE 12 MOS. ENDED 0470/11	\$ 608.872 752 2.911.834 893.063 57.236 72.500 4.091,138
	GAS PRODUCTION THANSAMSSION DISTRIBUTION CUST ACCOUNTS CUST SERV & INFO SALES ADMEN. & GENERAL TOTAL ELECTRIC		PRODUCTION TRANSMESSON DISTRIBUTION CUST ACCOUNTS CUST SERV & INFO SALES ADMIN & GENERAL TOTAL GAS		GAS PRODUCTION ITANSMISSION OISTREUTION CUST ACCOUNTS CUST SERV & INFO SALES ADMRN. & GENERAL

Page 1 of 3

AMEREN MISSOURI TOTAL ANNUALIZED LABOR ADJUSTMENT - SUMMARY TWELVE MONTHS ENDED JUNE 30, 2018

i PRO FORMA TOTAL 12 MOS ENDED INCREASE 9/30/11 LABOR (1+h) (e+1)	en I (20,002 472,473	20,002 472,473		93 \$ 3,665		93 3,665	, 		4	93 3.665
PRO FORMA WAGE INCR. TOTAL EFFECTIVE PRO FORMA O707119 INCRESSE (G h>2 (G h)	••		•	9		-		•••	, ,	٠	,
h-1 PRO FORMA PR WAGE INCR. WA EFFECTIVE EF 01/01/19 0	•	13,850	13,850		22 \$		22	•	. ,	•	22
9 P ANNUALIZED E LABOR (e-t) (e-t)		458,623	458,623		3,643 \$	E •	3,643		, ,		3.643
1-2 PRO FORMA WAGE INCR. EFFECTIVE Q7/01/18	,	. , .	1		71 \$		71	,		•	1.2
f-1 PRO FORMA WAGE INCR. EFFECTIVE	,	6,152	6,152		1	8 T	*	•	, 1	1	,
e LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATIN (a-b-c)	,	452,471	452,471		3,572 \$		3,572	•		•	3.572
CLONG TERM INCENTIVE COMPENSATN 12mgs 08/30/18		53,647	53,647		,		•	,	, (,
b INCENTIVE COMPENSATN DISTRIBUTION (12mos 6/39/18		102,754	102,754		51 \$	ÿ .	51		, ,		ī.
LABOR EXPENSE C 12 MOS. ENDED D 05/30/18		608,872	608,872		3,623 \$	ş ·	3,623	kr) 1	4 4	,	3 623
12	GAS PRODUCTION: OPERATIONS ACCOUNTS B04 -NAT GAS CITY GATE PURCH \$	805 - GAS PURCHASED AND ALJ 807 - PURCHASED GAS EXPENSE 813 - OTMED GAS SLIDBLY EXPENSE	TOTAL PRODUCTION OPERATIONS	GAS TRANSMISSION: OPERATIONS ACCOUNTS:	856 - MAINS *	859 - OTHER EXPENSES 860 - RENTS	TOTAL TRANSMISSION OPER	MAINTENANCE ACCOUNTS: 863 - SUPV & ENG	864 - MAINT STRUCT	TOTAL TRANSMISSION MAINT	DYN NOISENSHIP

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File America Magouni - FRUE UP SUMMARY 05-31-2010 - FINAL Tab: Londo-ProdulTrans by soci

AMEREN MISSOURI	ANNUALIZED LABOR ADJUSTMENT - CONTRACT	TAKE OF BOUTUR FUNCTO HINE SO SOLD
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				TWEEVE MON	INSERT MONTHS ENDED JONE 30, 2018	30, 2018						
	a LABOR EXPENSE	b INCENTIVE COMPENSATN	C LONG TERM INCENTIVE	LABOR EXPENSE EXCLUBING	f-1 PRO FORMA WAGE INCR.	FRO FORMA WAGE INCR. OF 2.56%	5	h-1 PRD FORMA WAGE INCR.	h-2 PRO FORMA WAGE INCR. OF 0.00%	TOTAL	} PRO FORMA	
	12 MOS. ENDED 06/30/18		COMPENSATN 12mos 06/30/18	COMPENSATA	EFFECTIVE 01/01/18	6FFECTIVE 07/01/18	ANNUALIZED LABOR	O1/01/19	EFFECTIVE 07/01/19	PRO FORMA INCREASE	12 MOS ENDED 9/30/11 LABOR	
GAS PRODUCTION: OPERATIONS ACCOUNTS 604 -NAT GAS CITY GATE PURCH	w					67		Total I	(Investigation of the Control of the	,		
805 - GAS PURCHASED AND ADJ 807 - PURCHASED GAS EXPENSE 813 - OTHER GAS SUPPLY EXPENSE			, , ,			and the b				22.		
TOTAL PRODUCTION OPERATIONS				4	•						4	
GAS TRANSMISSION: OPERATIONS ACCOUNTS:				9						,		
850 - OTHER EXPENSES 860 - OTHER EXPENSES			*	2,047		*	2,918				2,918	
CONTRACT TRANS OPER	2,871	11 24		2,847		71	2.918	10		11	2,918	35
MAINTENANCE ACCOUNTS: 863 - SUPV & ENG	•		67			un.				M9		
865 - MAINT TRANS PLANT												
CONTRACT TRANS MAINT	U .	33								4	м	
TRANSMISSION - CONTRACT	2,871	1 24		2,847	*	7.1	2,918	4	•	11	2,918	

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AMEREN MISSOUR!
ANNUALIZED LABOR ADJUSTMENT - MANAGEMENT
TWELVE MONTHS ENDED JUNE 39, 2018

				ď	3	53		7	9		
a LABOR EXPENSE	b INCENTIVE COMPENSATN	TVE	C LONG TERM INCENTIVE	LABOR EXPENSE EXCLUDING	PRO FORMA WAGE INCR. OF 2.76%	PRO FORMA WAGE INCR.	6	PRO FORMA WAGE INCR. OF	PRO FORMA WAGE INCR.	L	j PRO FORMA
12 MOS. ENDED 06/30/18			COMPENSATN 12mos 06/30/18	INCENTIVE COMPENSATN (a-b-c)	EFFECTIVE 01/01/18	EFFECTIVE 07/01/18	ANNUALIZED !ABOR (e+f)	01/01/19 01/01/19 (9* h-1 lcate))	EFFECTIVE 07/01/19 (q* h-2 [rate])	PRO FORMA INCREASE ((+h)	12 MOS ENDED 9/30/11 LABOR (e+i)
\$	S	,	•	•			•	•	•	,	•
			• :	•	•		•			•	•
608,872		102,754	53,647	452,471	6,152		458,623	13,850		20,002	472,473
608,872		102,754	53,647	452,471	6,152	1	458,623	13,850	•	20,002	472,473
2	752 \$	27 \$	٠	\$ 725	**		\$ 725	\$ 22		5 22	5 747
			•	*	•					•	
1	752	27	,	725		•	725	22		22	747
		ď								9	
19	89 .										
			,		٠						
					6		**				•
*	752	22		725			725	22	•	22	747

Source - O&M Labor data query from Milennium GL

Page Ld 1

AMEREN MISSOUR!
TOTAL ANNUALIZED LABOR ADJUSTMENT - SUMMARY
TWELVE MONTHS ENDED JUNE 30, 2018

# P	d BATANIAN		oud Tono	LABOR	F.1	f.2	6	h-1	h-2	•	-
EXPENSE 12 MOS. ENDED 06/30/18	φ <u>a</u> +l		LONG TEKM INCENTIVE COMPENSATN 12mos 06/30/16	EXCLUDING INCENTIVE COMPENSATN (8-b-c)	PHO FORMA WAGE INCR. EFFECTIVE QUOUND	PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	ANNUALIZED <u>LABOR</u> (e+t)	PROFORMA WAGEINCR. EFFECTIVE Q1/01/19 (q*h-1 lrate)	WAGE INCR. EFFECTIVE 07/01/19 (q*h-2 (rate))	TOTAL PRO FORMA INCREASE ((+h)	FRO FORMA FORMA 12 MOS ENDED 9/30/11 LABOR (e+1)
\$ 425,002	67	48.621 \$	4,731 \$	371,450 \$	8,510 \$	17	\$ 379,977	\$ 11,454	· ·	19,981	\$ 391,431
1,417,707		48.391	,	1.369.316	1 848	20.273	1 401 437	4 B79		050 91	1 406 276
293.628		10,590	•	283,038	373	6,431	289.842	062		7.594	•
		,		•		•	1	•	•		
	4	ŀ				•	•	•	•	•	
857,638		31,494	1,629	624,515	304	15,090	639,909	641	•	16.035	640.550
783,741		26,450	•	757,291	1,062	16,985	775,338	2,385	•	20,432	
914,931		105.251	24,882	784,798	8,478	4,459	797,735	16,571	•	31,508	
							1	-	•	,	
4,492,647		270,957	31,242	4,190,408	20,575	73,256	4,284,238	38,680	,	132,510	4,322,918
\$ 137,185	us.	10,328 \$	**	126,857 \$	1,560 \$	1,188 \$	129,605	\$ 2,443		5,191	\$ 132,048
				•	•		1		•	•	
623,601		26,463		597,138	1,466	12,413	611,017	3,083		16,962	614,100
55,645		2,891		52,754	202	1,074	54,035	305	•	1,583	54,337
193,681		5,479	ŀ	168,402	•	4,710	193,112		•	4,710	193,112
						•	•	•	1	•	
269,343		9,986		259.357	377	5,570	265,304	1,115	•	7,062	266,419
1,367,192		127,965	ı	1,239,227	14,490	4,579	1,258,296	32,330	•	51,399	1,290,626
2,646,847		183,112		2,463,735	18,100	29,534	2,511,369	39.273		106,907	2,560,642
7,139,494		454,109	31,242	6.654,143	38,675	102,789	6,795,607	77,953	1	219,417	6,873,560
\$ 505,092	w	51,131 \$	8,939 \$	445,022 \$	5,986 \$	*	451,008	13,620	9	\$ 19,606	\$ 464,628
		•		•		9			,		,
842.842		48,131	7,409	787,302	1.962	15,942	805.206	4,579		22,483	809,785
	1	,	5	•		•	•	•		1	•
2.942		369	75	2,496	62	,	2,527	76	73	105	2,603
1,350,876		99,631	16,423	1,234,822	7,977	15,942	1,258,741	18,275	4	42,194	1,277,016

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File Annum Masoun - TRUE UP SUMMARY 05-31-2019 - FINAL Tab Living-Dail-CoatAct by accigss

AMEREN MISSOURI ANNUALIZED LABOR ADJUSTMENT - CONTRACT TWELVE MONTHS ENDED JUNE 39, 2018

					a	Ξ	F2		Ŧ	h-2			
	i	LABOR	INCENTIVE	LONG TERM	EXPENSE	PRO FORMA WAGE INCR.	WAGE INCR. OF	6	PRO FORMA WAGE INCR.	PRO FORMA WAGE INCR. OF	-	PRO FORMA	RMA
	# 21 B	12 MOS. ENDED 06/30/18	DISTRIBUTION 12mos 6/30/18	COMPENSATN 12mos 06/30/18	EXCLUDING INCENTIVE COMPENSATN (a-b-c)	EFFECTIVE 0101/18	2.50% EFFECTIVE 07/03/18	ANNUALIZED <u>LABOR</u> (8+1)	EFFECTIVE 01/01/19 (9' h-1 [rate])	0.00% EFFECTIVE 07/01/19 (g* h-2 [rate])	PRO FORMA INCREASE (1+1)	12 MOS ENDED 9/30/11 LABOR (e**)	NDED ABOR
GAS DISTRIBUTION OPERATIONS ACCOUNTS:	,			•	P			P		•			,
870 - SUPV & ENG (4) 871 - LOAD DISP (4)	n	- To		n	189		,	404		, ,			MOZ .
874 - MAINS & SRVCS (4)		1,242,410	31,490		1,210,920		30,273	1,241,193		•	30.273		,241,193
875 - MEAS ® STA EXP-GEN(4)		264.024	6,772		257,252		6,431	263,683		•	6,431		263,683
876 - MEAS ® STA EXP-IND(4)								Fig					• 1
877 - MEAS BREGISTA EXP-CITGLE(4) 878 - METERS & HOUSE REGIS		COA 601	21 DDM		- GRO GRO		15.090	618 693			15,090		618 693
879 - CUST INSTALLS (4)		698.046	18,664		679,382		16,985	696,367			16,965		696,367
880 - MISC (4)		183.623	5,271	S.	178,352		4,459	182,811		9.0	4,459		162,811
881 - RENTS (4)				,		8				*			
CONTRACT DIST OPER		3,013,414	80,218	1	2,930,196	•	73.255	3,003,451		•	73,255		3,003,451
MAINTENANCE ACCOUNTS:	v	40,693	9		A7 536		9	49 777		5	-	٠	46 723
886 - STRUCT & IMPRV (4)	7			, ,	CCC, 14		901			•	9	•	40,163
887 - MAINS (4)		866'605	13,485	•	496,513		12,413	508,926		1	12,413		508,926
889 - MEAS ® STA EXP-GEN(4)		44 356	1,390		42,966		1,074	44,040		•	1,074		44,040
890 - MEAS ® STA EXP-IND(4)		193.881	5,479	*	188,402		4,710	193,112			4,710		193,112
891 - MEAS AREG STA EXP-CTYGTE(4)		* ***	* 6	•	* #					,			4 10 00
AGG - METERS A HOUSE REG (4)		188 653	5.040		183 176		4 579	187.756			4 579		187 755
894 - MISC (4)			1	•	1	7							
CONTRACT DIST MAINT		1,214,246	32,837		1,181,409	*	29,534	1,210,943			29.534		1,210,943
DISTRIBUTION - CONTRACT		4,227,660	116,055	•	4,111,605	9	102,789	4,214,394	8	·	102,789		4.214,394
GAS (1)													
901 - SUPV	vo	1						,				**	i.
902 - METER READING		120000			•		•	•		•			1000
903 - CUST RECACOLL EXP 904 - UNCOLLECT ACCTS		657,813	20,150		637,663		15,942	663,605			15,942		653,605
905 - MISC CUST ACCT EXP									200000 100	A			ì
CONTRACT CUST ACCOUNTS		657,813	20,150	1	637,663	1	15,942	653,605			15,942		653,605

AMEREM MISSOUR! ANNUALIZED LABOR ADJUSTMENT - MANAGEMENT TWELVE MONTHS ENDED JUNE 30, 2018

PRO FORMA PRO															
1,000 0.00		A LABOR EXPENSE		b NCENTIVE	d LONG TERM	LABOR EXPENSE FXCLIDING	FRO FORMA WAGE INCR. OF 2 76%	F.2 PRO FORMA WAGE INCR.		6	PRO FORMA WAGE INCR. OF	h-2 PRO FORMA WAGE INCR.	- 61	PRO FOR	ş
172,204 1,600 1,		12 MOS. END 06/30/18		STRIBUTION mos 6/30/18	COMPENSATN 12mos 06/30/18	INCENTIVE COMPENSATN (a-b-c)	EFFECTIVE 01/01/10	EFFECTIVE 07/01/18	ANA JI	JALIZED BOR	EFFECTIVE 01/01/19 (9° h-1 (rate))	EFFECTIVE 07/01/19 (9* h-2 (rate))	PRO FORMA INCREASE (I+th)	12 MOS EN 9/30/11 LA! (e+1)	G &
17.527 16.001 1.002 1.															
175.297 16.901 1.92.306 1.94.96 1.94					4,731	370,763	8,510		5		11,454			ø,	0,727
15.237 15.030 1		•		* 1	1		•				•				٠
1,000 1,00		175	5.297	16,901		158,396	1,848			160,244	4,839		99'9		5,083
1,479, 23, 34, 47, 57, 56, 56, 56, 56, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 57, 57, 57, 57, 57, 57, 57, 57		29	109	3,616	***	25,786	373			26,159	790		1,16		6,949
1,172,233 10,490 16,593 20,912 3,044 21,1216 641 2,245 3,447 2,447 2,445 3,447 2,447 2,445 3,447 2,447 2,445							•			,					
1,479										•	•				•
1,12,603 1,7,766 1,602,46 1,602 1,502 1,503 1,50		R	10031	10,490	1,629	20,912	304			21,216	641		X		1,857
1479.233 1977.79 31,242 1,260,212 20,575 1,280,787 38,680 94,590 1,360 1,3		88	5695	7,786	3	606'11	1,062			78,971	2,385		3,447		1,356
1479 233 1877 9 31,242 1,260,212 204,515 1,280,787 346,690 69,255 1,311,515 1,280,787 1,280,787 346,690 69,255 1,311,515 1,312,23 1,500,212 1,425 1,260,212 1,425 1,260,212 1,425 1,425 1,260,212 1,425 1,425 1,300,426 39,273 1,312,42 1,222,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,4222,326 1,4222,326 1,4222,326 1,4222,326 1,4222,326 1,4222,326 1,4222,326 1,4222,3		731	308	086'66	24,882	606,446	8,478			614,924	18,571		27,049		3,495
1479.233 1877.9 31242 1,260.212 240.55 5 80.882 5 2,443 5 4003 5 1,3 188.492			r			4					•				4
113.003 12.976 1.00.625 1.660 1.02.091 3.083 1.569 1.00.625 1.466 1.02.091 3.083 1.465 1.00.625 1.466 1.02.091 3.083 3.083 1.482 1.482 1.283 1.2848 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.23.26 18.100 1.070.541 1.23.300 1.116.229 1.22.488 1.22.488 1.22.23.26 18.100 1.300.426 39.273 1.22.291 1.22.23.2 1.22		1,479	.233	187,779	31,242	1,260,212	20,575	,		1,280,787	38,680				9,467
113.603 12.976 100.625 1466 102.091 3.063 4.549 5.995 3.02 5.995 5.99					74		1,560		109	80,882 \$	2,443			w	3,325
11,269 12,978 100,625 1,466 112,091 3,083 4,549 509 11,269 1,501 1,501 1,502 1,501 1,462 1,462 1,466 1,502				4	,										٠
1,1269 1,501 9,768 207 9,995 302 509 509 4,136 1,432 1,135 1,135 1,135 1,432 1,135 1,1		113	:603	12,978		100,625	1,466			102,091	3,083		4,54		5,174
40,678 4,138 - 36,540 377 36,917 1,115 1,482 1,482 1,178,539 1,282,326 1,1482 1,300,426 39,273 1,482 1,185,539 1,242 2,542,538 38,675 2,581,213 77,953 1,16,628 2,19,608 1,300,426 39,273 1,16,628 2,19,608 1,300,426 39,273 1,16,628 2,19,608 1,18,629 2,18,136,20 2,19,18,18,18,18,18,18,18,18,18,18,18,18,18,		11	,289	1501	ý	9,788	202			9,995	302		906		0.297
40,678 4,138 - 36,540 377 36,917 1,115 1,1482 1,000,0541 1,000,0541 1,115 1,1482 1,000,0541 1,000,0541 1,115 1,116,230 1,116,628 1,116,6			,		66	•				*					1
41.78.539 122.488 - 36.540 377 36.917 1,115 1,1482 1,1482 1,178.539 122.488 - 1,066.051 14,480 1,070.541 32,330 46,820 1,178.539 1,178.5					*										٠
1,178,539 122,489 1,005,051 14,490 1,070,541 32,330 46,820 1,118,639 1,118,639 1,130,426 39,273 5,1373 1,137 1,432,601 1,502,756 18,100 5 1,300,426 39,273 5,1373 1,137 1,138,430 1,242 2,542,538 38,675 2,561,213 77,953 116,628 2,68 2,68 2,68 2,68 2,68 2,68 2,68		40	.678	4,138	•	36,540	377			36,917	1,115		1,480		3,032
1,432.601 150.275 - 1,282,326 18,100 - 1,300,426 39.273 - 57,373 1,33 2,911,834 338,054 31,242 2,542,538 38,675 2,581,213 77,953 - 116,628 2.68 5,131 \$ 8,939 \$ 446,022 \$ 5,986 \$ 451,008 \$ 13,620 \$ 19,606 \$ 46 1,000 \$ 13,620 \$ 19,606 \$ 46 1,000 \$ 10,000 \$		1,178	539	122,488	•	1,056,051	14,490			.070,541	32,330		46.820		2,871
2.911,834 338,054 31,242 2.542,538 38,675 2,661,213 77,953 116,628 2,66 \$61,334 \$ 6,986 \$ 451,008 \$ 13,620 \$ 19,606 \$ 19,606 \$ 46 \$62,23 \$ 7,981 7,409 149,639 \$ 1962 \$ 151,601 4,679 \$ 65,41 \$ 1962 \$63,002 \$ 7,981 \$ 7,409 149,639 \$ 1962 \$ 2,527 \$ 76 \$ 105 \$63,003 \$ 7,7981 \$ 7,409 \$ 1,503 \$ 2,527 \$ 76 \$ 7,503<		1,432	99	150,275		1,282,326	18,100			1,300,426	39,273				669
185,022 \$ 51,131 \$ 8,939 \$ 446,022 \$ 5,996 \$ 451,008 \$ 13,620 \$ 19,606 \$ 46 185,029 27,981 7,409 149,639 1,962 151,601 4,579 6,541 11 2,942 369 75 2,489 29 2,627 76 105 105 105 105 105 105 105 105 105 105		2,911,	.834	338,054	31,242	2,542,538	38,675		lý.	2,581,213	77,953	5	116,628		9,166
185.072 \$ 51,131 \$ 8,939 \$ 445,022 \$ 5,986 \$ \$ 451,008 \$ 13,620 \$ 19,606 \$ 46 185.029 27,981 7,409 149,639 1,962 151,601 4,579 6,541 14 2,942 369 75 2,489 29 2,527 76 105 6,541 14															
27,961 7,409 148,639 1,962 151,601 4,579 6,541 1						445,022 \$	5,986		s		13,620			•	1,628
27,981 7,409 149,639 1962 151,601 4,519 6,541 14 369 75 2,498 29 2,627 76 105 70.481 16,473 6,0716 7077			٠	•	•	•	6			5	- 2		•		
369 75 2,430 29 2,627 76 105 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 704 705 705 705 705 705 705 705 705 705 705		185	623	27,981	7,409	149,639	1,962			151,601	4,579		6,541	-	3,180
27 COL 01 12C0 201000		c	010	• 090	1 14	, 007 C	, 6			1 600 6	1 9				' 8
/WW/ /WW/ /W/ /W/ /W/ /W/ /W/ /W/ /W/ /	'	203	DE3	70 401	10,423	6,430	220 1			200 303	40 735		201	12	30.7

Source - O&M Labor data query from Millenntum GL

878 - METERS & HOUSE REG. Contract Management Other

Allocation of LO:

AMEREN MISSOUR! TOTAL ANNUALIZED LABOR ADJUSTMENT - SUMMARY TWELVE MONTHS ENDED JUNE 30, 2018

PRO FORMA FORMA 12 MOS ENDED 9/30/11 LABOR (0+1)	9	18,753	'	819.745		64.770	C	,	64,770		3,590,036	•	, 000 8	0000	7,260	•	•	•	•	•	34,489	•	3,638,765	58,689	58,689	3,697,454
TOTAL PRO FORMA 12 INCREASE 91/(1+h)	•	770	• 1	19.970	•	2.654	50	•	2,654		141,295 \$,	264	101	314	•	•			•	1,007	1	142,880	1,650 \$	1,650	144,530 \$
h-2 PRO FORMA WAGE INCR. EFFECTIVE PR 07/01/19 II (g* h-2 [rate])		,	•	8 . 2		,	•	٠	*		55	1	•	. ,	,	•	•	•	•	,	,	,	4	1		,
PRO FORMA PAGE INCR. VAGE INCR. VEFECTIVE DISOLITE (g* h-1 [rate]) (•	250		1.224	•	1.899		ŕ	1,899		89,287 \$	•	, 48	,	213	•	ŀ	F	•	•	278	•	89,963	378 \$	378	90,341 \$
g ANNUALIZED LABOR (e+f)	1	18,203		818,521		62.871	•	Ŷ	62,871		3,500,749 \$	ı	, A 705	20 1	7,047	•	•	•	•	•	34,211		3,548,802	58,311 \$	58,311	3,607,113 \$
1-2 PRO FORMA WAGE INCR. EFFECTIVE A	10		1 00	18,976					•		13,274 \$,	, 6	2 '	•	•	•	•	•		610	•	13,900	1,117 \$	1,117	15,017 \$
1-1 PRO FORMA PR WAGE INCR. W EFFECTIVE E 01/01/18		220	1 60	540		755			755		38,734 \$	1	' E	3 '	101						119	,	39,017	155 \$	155	39,172 \$
LABOR EXPENSE PRESCLUDING WINCENTIVE E COMPENSATIN (a-b-c)	5	17,983	1 00	799,005		62,116			62,116	.51	3,448,741 \$	•	. A 716	· ·	6,946	•	•		,	,	33,482		3,495,885	57,039 \$	57,039	3,552,924 \$
COMG TERM INCENTIVE E COMPENSATN II	5	9,350		9,350	,			•			452,555 \$	•	, V	F '	1,834	,	•	•	,	•	451	•	454,884	•••		454,884 \$
b INCENTIVE LC COMPENSATN IN DISTRIBUTION COI	55	5,354		27,447		10,387		٠	10,387		692,533 \$	•	287	i '	2,089	•		•	•	•	2,484		697,393	2,247 \$	2,247	699,640 \$
LABOR IN EXPENSE CON 12 MOS. ENDED DIST 06/30/18 12m	\$	32,687	1 10	835,802		72,503	•	•	72,503		4,593,829 \$	•	7 047	,	10,869	4	•		•	•	36,417	•	4,648,162	59,286 \$	59,286	4 707 448 \$
12 MAC (1)	s				U	•					S													49		so.
GAS CUSTOMER SERV & INFO:	907 - SUPV	908 - CUST ASST EXP	909 - INFO & INSTRADVTSG	TOTAL CUST SERV & INFO	GAS SALES: 041, SIIDV	912 - DEMO & SELLNG EXP	913 - ADVERTISING	916 - MISC SALES EXP	TOTAL SALES	GAS A&G OPERATIONS ACCOUNTS:	920 - A&G SALARIES	921 - OFC SUPPLIES & EXP	922 - Agg EAP (NSTEACH	924 - PROP INSURANCE	925 - INJ & DAMAGES	926 - EMPL PENS & BENFT	927 - FRANCH REOMTS	928 - REG COMM EXP	929 - DUPLIC CHRGS-CR	930.1 - GENERAL EXP GEN.	930.2 - GENERAL EXP MISC	931 - RENTS	TOTAL A&G OPERATIONS	MAINTENANCE ACCOUNTS 935 - MAINT OF GEN PLT	TOTAL A&G MAINT	TOTAL A&G

AMEREN MISSOUR! ANNUALIZED LABOR ADJUSTMENT - CONTRACT TWELVE MONTHS ENDED JUNE 30, 2018

j PRO FORMA FORMA 12 MOS ENDED 9/30/11 LABOR (0+1)	20		٠	778,002				č	ă				544,216	•	•	674	÷	ř		•	,	,	,	25,002	•	569,892		45,795	45,795	615,687
PR(TOTAL F PRO FORMA 12 M INCREASE 9/30/	7		5	18,976				13	÷	×			13,274 \$,		16	,	4	•	1	•	•	•	610		13,900		1,117 \$	1,117	15,017 \$
	ं	6300	*					F):	٠,	×			67	•		4	• [·		•		,		,	•	•			,	.
h-2 (R. WAGE INCR. OF 0.00% (F. EFFECTIVE 0.7/01/19 (G' h-2 [rate])	v	•				•			,				s)												•	,		s .		6 5
PRO FORMA WAGE INCR. EFFECTIVE 01/01/19 (g* h-1 [rate])	,			2 2			i.						10	į.		_								81		2		\$ 5		5
g ANNUALIZED <u>LABOR</u> (e+f)	•	•		778,002					6				\$ 544,216			674								25,002		569,892		\$ 45,795	45,795	\$ 615,687
F.2 PRO FORMA WAGE INCR. OF 2.50% EFFECTIVE 07/01/18			•	18,976				100	1	8			13,274	•	•	16				•	•	•	٠	610	B	13,900		1,117	1,117	15,017
FIO FORMA WAGE INCR. W EFFECTIVE 01/01/18	•	•				un			i A	X 2			E)												٠	•		\$.	•	
LABOR PI EXPENSE W EXCLUDING INCENTIVE E COMPENSATN	,	1		759,026		,	٠						530,942	,	,	658	٠	•	•	•	•	•	•	24,392	•	555,992		44,678 \$	44,678	\$ 029,009
C LONG TERM INCENTIVE COMPENSATM	•	ë	e			67 }-	5k)			,			67	•	•	•	•	•	•	•		•	•	•	•	•		,	•	•
INCENTIVE L COMPENSATN I DISTRIBUTION CC	•	*	• 4	19,540		67	ŧ		,	•			14,001 \$			24	•		•	,	,	•	ŀ	671	1	14,696		944 \$	944	15,640 \$
a LABOR IN EXPENSE CO 12 MOS. ENDED DIS 06/30/18 121	•	1	,	778,566			,	ŧ	1	•			544 943 \$			682	*			1		1	•	25,063	1	570,688		45.622 \$	45,622	616,310 \$
1	v					v2							us.														,	S		w
GAS	CUSTOMER SERV & INFO: 907 - SUPV	908 - CUST ASST EXP	909 - INFO & INSTR ADVTSG	CONTRCT CUST SERV & INFO	GAS	911 - SUPV	912 - DEMO & SELLNG EXP	913 - ADVERTISING	916 - MISC SALES EXP	CONTRACT SALES	GAS A&G	OPERATIONS ACCOUNTS:	920 - A&G SALARIES	921 - OFC SUPPLIES & EXP	922 - A&G EXP TRSFD-CR	923 - OUTSIDE SRV EMPLD	924 - PROP INSURANCE	925 - INJ & DAMAGES	926 - EMPL PENS & BENFT	927 - FRANCH REGMTS	928 - REG COMM EXP	929 - DUPLIC CHRGS-CR	930.1 - GENERAL EXP GEN,	930.2 - GENERAL EXP MISC	931 - RENTS	CONTRACT A&G OPERATNS	MAINTENANCE ACCOUNTS:	935 - MAINT OF GEN PLT	CONTRACT A&G MAINT	CONTRACT DIRECT A&G

AMEREN MISSOURI
ANNUALIZED LABOR ADJUSTMENT - MANAGEMENT
TWELVE MONTHS ENDED JUNE 30, 2018

	a LABOR EXPENSE 12 MOS. ENDED	b INCENTIVE COMPENSATN DISTRIBUTION	LONG TERM INCENTIVE COMPENSATN	LABOR EXPENSE EXCLUDING	F-1 PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE	F1 PRO FORMA PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE	9 ANNUALIZED	h-1 PRO FORMA PRO FORMA WAGE INCR. OF WAGE INCR. OF 3.02% EFFECTIVE EFFECTIVE	h-2 PRO FORMA WAGE INCR. OF EFFECTIVE	i TOTAL PRO FORMA	j PRO FORMA FORMA 12 MOS ENDED
GAS	06/30/18	12mos 6/30/18	12mos 06/30/18	COMPENSATN (a-b-c)	01/01/18	07/01/18	LABOR (e+f)	01/01/19 (g* h-1 [rate])	07/01/19 (g* h-2 [rate])	INCREASE (f+h)	9/30/11 LABOR (e+i)
CUSTOMER SERV & INFO: 907 - SUPV		v,	, so	· ·		•	, V2	65	•	50) t
908 - CUST ASST EXP	32,687	5,354	9,350	17,983	220		18,203	250		770	18,753
910 - MISCELLANEOUS	24.549	2,553	, 1	21.996	320		22.316	674		984	22 990
MGMT CUST SERV & INFO	57,236	7,907	9,350	39,979	540	P	40,519	1,224	**	1,764	41,743
GAS											
911 - SUPV	S	L/s	5/2	**		\$		49			s
912 - DEMO & SELLNG EXP	72,503	10,387	• 1	62,116	755		62,871	1,899		2,654	64,770
913 - ADVERTISING	•	•	a :	•	•		1			•	•
916 - MISC SALES EXP	1 2 2		4			4			*		
MGMT SALES	72,503	10,387	•	62,116	755	•	62,871	1,899		2,654	64,770
GAS A&G OPERATIONS ACCOUNTS											
920 - A&G SALARIES	\$ 4,048,886	\$ 678.532	\$ 452,555	\$ 2,917,799	\$ 38,734	*	2,956,533	\$ 89 287	•	\$ 128,021	\$ 3,045,820
921 - OFC SUPPLIES & EXP		•	1		•		•	•		*	•
922 - A&G EXP TRSFD-CR	• 6	, ,	,	1 6	• 6		1	• •		1	,
923 - OUTSIDE SKV EMPLD 924 - PROP INSURANCE	5,365	263	44	6,058	63		6,121	185	22	248	6,306
925 - INJ & DAMAGES	10,869	2,089	1,834	6,946	101		7,047	213		314	7,260
926 - EMPL PENS & BENFT	F		*		•		•	•		•	•
927 - FRANCH REGMTS	•	•	•	1	•		•	•		•	•
928 - REG COMM EXP	•	•	•	•	1		•	•		•	•
929 - DUPLIC CHRGS-CR	•	•	•	•	1		•	•		•	•
930.1 - GENERAL EXP GEN.	- 11 36 4	, 640	, 46,	1 000	' 0		, 000 0	, 044		, 200	, 404.0
931 - RENTS	#00 ¹ 11	20.	7	050's		•	2,203 2,203	7	,	rec '	, , , , , , , , , , , , , , , , , , ,
MGMT A&G OPERATIONS	4,077,474	682,697	454,884	2,939,893	39,017	,	2,978,910	696'68	•	128,980	3,068,873
MAINTENANCE ACCOUNT: 935 - MAINT OF GEN PLT	\$ 13.664	\$ 1,303	•	\$ 12,361	\$ 155	\$ -	12,516	\$ 378	\$, \$	533	\$ 12,894
MGMT A&G MAINT	13,664	1,303	ı	12,361	155	•	12,516	378	4	533	12,894
TOTAL MANAGEMENT A&G	4,091,138	\$ 684,000	\$ 454,884	2,952,254	39,172	•	2,991,426	90,341	•	129,513	3,081,767
Source - O&M Labor data query from Millennium GL	Millennium GL			Allocation of LO:							
			_	A.W 15		1001.201					

	υ	
920 - A&G SALARIES	Confract File: America Measoun - TRUE UP SUMMARY 05-31-2019 - FINAL Tac. LEAGL-CaISty-Sta-A&G by acct-gas Mariagement	Other

544,943 Total

2,314 \$ Fage 3.2/36 (19,510)

542,629 **\$** 4,031,690 19,510

Altocation of Other A&G Labor (RT LQ)

Actual

AMEREN MISSOURI ANNUALIZED GAS LABOR ADJUSTMENT - CONTRACT TWELVE MONTHS ENDED JUNE 30, 2018

GAS PRODUCTION:	J	GAS ABOR EXP uly 2017 - ne 30 2018 a		INCENTIVE COMPENSATN July 2017 - June 30 2018 b	1	GAS LABOR EXP EXCL. INCENT.COMP. July 2017 - June 30 2018 a - b = c	E	d VAGE INCR 2.50% EFFECTIVE 07/01/18 ontract Only) c*d (rate)
OPERATIONS ACCOUNTS								
804 -NAT GAS CITY GATE PURCH 805 - GAS PURCHASED AND ADJ	5		5	-	\$	•	\$	34
807 - PURCHASED GAS EXPENSE						- 0		
813 - OTHER GAS SUPPLY EXPENSE								<u> </u>
TOTAL PRODUCTION OPERATIONS	\$		\$	্ৰ-	\$		\$	-
GAS TRANSMISSION								
OPERATIONS ACCOUNTS:								
856 - MAINS	\$	2,871	\$	24	\$	2,847	\$	71
859 - OTHER EXPENSES		-		-		•		-
860 - RENTS CONTRACT TRANS OPER	-	0.074	_	24	_			74
CONTRACT TRANS OFER		2,871		24		2,847		71
MAINTENANCE ACCOUNTS:								
863 - SUPV & ENG	5		\$	-	\$	-	\$	- 25
864 - MAINT STRUCT				-				
865 - MAINT TRANS PLANT CONTRACT TRANS MAINT	10.7			-	_		-	
CONTRACT TRAITS MAINT		-						15
TRANSMISSION - CONTRACT		2,871		24		2,847		71
GAS DISTRIBUTION								
870 - SUPV & ENG (4)	5	704	\$	17	\$	687	\$	17
871 - LOAD DISP (4)		59		•				
874 - MAINS & SRVCS (4) 875 - MEAS.®.STA.EXP-GEN(4)		1,242,410 264.024		31,490 6,772		1,210,920		30,273
876 - MEAS.®.STA.EXP-IND(4)		204,024		0.772		257,252		6,431
877 - MEAS.®.STA.EXP-CTYGTE(4)				_				
878 - METERS & HOUSE REG.(5)		624,607		21,004		603,603		15,090
879 - CUST INSTALLS (4)		698,046		18,664		679,382		16,985
880 - MISC (4)		183 623		5,271		178,352		4,459
881 - RENTS (4) CONTRACT DIST OPER		3,013,414		83,218		2,930,196		73,255
		0,070,777		00,210		2,000,100		.0,200
MAINTENANCE ACCOUNTS: 885 - SUPV & ENG (4)	s	40 607		1 450	e	47.525		4 +00
886 - STRUCT & IMPRV (4)	9	48,693	-J	1,158	\$	47,535	3	1,188
887 - MAINS (4)		509,998		13,485		496,513		12,413
889 - MEAS.®.STA.EXP-GEN(4)		44,356		1,390		42,966		1,074
890 - MEAS.®.STA.EXP-IND(4)		193,881		5,479		188,402		4,710
891 - MEAS.®.STA.EXP-CTYGTE(4)				•		-		-
892 - SERVICES(4)		228,665		5,848		222,817		5,570
893 - MÉTERS & HOUSE REG.(4) 894 - MISC (4)		188,653		5,477		183,176		4,579
CONTRACT DIST MAINT		1,214,246		32,837		1,181,409		29,534
DISTRIBUTION - CONTRACT		4,227,660		116,055		4,111,605		102,789
GAS								
CUSTOMER ACCOUNTS:	5500		_					
901 - SUPV	\$		\$	653	\$	-	\$	
902 - METER READING 903 - CUST REC&COLL EXP		657 043		20.450		227.000		45.045
904 - UNCOLLECT ACCTS		657,813		20,150		637,663		15,942
905 - MISC CUST ACCT EXP		2		9.7%				
CONTRACT CUST ACCOUNTS		657,813		20,150		637,663		15,942

AMEREN MISSOURI ANNUALIZED GAS LABOR ADJUSTMENT - CONTRACT TWELVE MONTHS ENDED JUNE 30, 2018

	J	GAS ABOR EXP uly 2017 - ine 30 2018 a		INCENTIVE COMPENSATN July 2017 - June 30 2018 b		GAS LABOR EXP EXCL. INCENT.COMP. July 2017 - June 30 2018 a - b = c	E	d VAGE INCR 2.50% EFFECTIVE 07/01/18 ontract Only) c*d (rate)
GAS								
CUSTOMER SERV & INFO:	2							
907 - SUPV 908 - CUST ASST EXP	S		\$	-	\$	-	\$	
909 - INFO & INSTR ADVTSG						A-50		*
910 - MISCELLANEOUS		778,566		19,540		759.026		18,976
CONTRACT CUST SERV & INFO		778,566		19,540		759,026		18,976
GAS								
SALES:								
911 - SUPV	\$		\$		\$	-	\$	*5
912 - DEMO & SELLING EXP						-		2.5
913 - ADVERTISING 916 - MISC SALES EXP		ē						
CONTRACT SALES		- :						-
GAS A&G (1)								
OPERATIONS ACCOUNTS: 920 - A&G SALARIES		544,943		14,001	e	520.042	•	40 074
921 - OFC SUPPLIES & EXP		344,544	- 3	14,001	ð	530,942	20	13,274
922 - A&G EXP TRSFD-CR								
923 - OUTSIDE SRV EMPLD		682		24		658		16
924 - PROP INSURANCE						•		
925 - INJ & DAMAGES								-
926 - EMPL PENS & BENFT 927 - FRANCH REQMTS								-
928 - REG COMM EXP		÷		-				
929 - DUPLIC CHRGS-CR		2		2				
930.1 - GENERAL EXP GEN. ADV.				-		-		-
930.2 - GENERAL EXP MISC		25,063		671		24,392		610
931 - RENTS CONTRACT A&G OPS	_	570,688		14,696		- -		42.000
CONTRACT AND DES		370,000		14,090		555,992		13,900
MAINTENANCE ACCOUNTS								
935 - MAINT OF GEN PLT CONTRACT A&G MAINT		45,622		944	_	44,678		1,117
CONTRACT AGG MAINT		45,622		944		44,678		1,117
TOTAL CONTRACT A&G (1)		616,310		15,640		600,670		15,017
TOTAL CONTRACT GAS	\$	6,283,220	\$	171,409	\$	6,111,811	\$	152,795
Source - O&M Labor data query from Millennium GL		No.						
		cation of LO onths ended	6/3					
	878 -	METERS & H	lOI.	Actual JSE REG.		Other		Total
	Co	intract	5	787,615	\$	(163,008)	\$	624,607
		enagement her		41,651 (171,628)		(8,620) 171,628		33,031
	920 -	A&G SALAR	IES	<u> </u>				
		Contract	\$	542,629	5	2,314	5	544,943
		Management Other		4,031,690 19,510		17,196 (19,510)		4,048,886

AMEREN MISSOURI ANNUALIZED LABOR ADJUSTMENT - MANAGEMENT TWELVE MONTHS ENDED JUNE 30, 2018

		TOTAL UEC GAS LABOR EXP July 2017 - Dec 31 2017 a	c	INCENTIVE COMPENSATN July 2017 - Dec 31 2017 b		LONG-TERM INCENTIVE COMPENSATN July 2017 - Dec 31 2017 c	ı	UEC GAS ABOR EXP EXCL. INCENT.COMP. July 2017 - Dec 31 2017 d =a-b-c	1	WAGE INCR. 2.76% EFFECTIVE 01/01/18 e d*e (rate)
GAS PRODUCTION: OPERATIONS ACCOUNTS 804 -NAT GAS CITY GATE PURCH 805 - GAS PURCHASED AND ADJ	\$	-	\$	-	S	ş	\$	-	\$	
807 - PURCHASED GAS EXPENSE 813 - OTHER GAS SUPPLY EXPEN		310,953		64,120		23,952		222,881		6,152
TOTAL PRODUCTION OPERATIONS	\$	310,953	\$	64,120	5	23,952	\$	222,881	\$	6,152
GAS TRANSMISSION OPERATIONS ACCOUNTS: 856 - MAINS 859 - OTHER EXPENSES 860 - RENTS MGMT TRANS OPER	\$	- - -	\$		97		\$		\$: :
MAINTENANCE ACCOUNTS:										
863 - SUPV & ENG 864 - MAINT STRUCT	S		\$		9	5	\$		\$	-
865 - MAINT TRANS PLANT MGMT TRANS MAINT	_	-						•		
		-		•		7		•		-
TRANSMISSION - MGMT				*		-		-		-
GAS DISTRIBUTION OPERATIONS ACCOUNTS:										
870 - SUPV & ENG (4) 871 - LOAD DISP (4)	\$	351,673		41,247		2,085	\$	308,341	\$	8,510
874 - MAINS & SRVCS (4)		75,056		8,091				66,965		1,848
875 - MEAS ®.STA.EXP-GEN(4) 876 - MEAS ®.STA.EXP-IND(4)		15,429		1,919		•		13,510		373
877 - MEAS.®.STA.EXP-CTYG* 878 - METERS & HOUSE REG.(5)		14,310		2 462		829		44.049		204
879 - CUST INSTALLS (4)		42,186		2,463 3,725		829		11,018 38,461		304 1,062
880 - MISC (4) 881 - RENTS (4)		374,603		55,357		12,066		307,180		8,478
DIST OPER - MANAGEMENT		873,257		112,802		14,980		745,475		20,575
MAINTENANCE ACCOUNTS:					_					
885 - SUPV & ENG (4) 886 - STRUCT & IMPRV (4)	\$	64,718	\$	8,184	9	-	\$	56,534	\$	1,560
887 - MAINS (4) 889 - MEAS ® STA EXP-GEN(4		59,887 8,808		6,762 1,297		-		53,125 7,511		1,466
890 - MEAS ®.STA.EXP-IND(4)		- 0,000		1,251		-		7,311		207
891 - MEAS ®.STA.EXP-CTYGT 892 - SERVICES(4)		15,583		1,928		-		13,655		377
893 - METERS & HOUSE REG.(4)		593,130		68,122		•		525,008		14,490
894 - MISC (4) DIST MAINT -MANAGEMENT		742,126	-	86,293		•		655,833		18,100
TOTAL MANAGEMENT DIST		1,615,383		199,095		14,980		1,401,308		38,675
GAS ACCOUNTS										
CUSTOMER ACCOUNTS: 901 - SUPV	\$	248,028	\$	27,132	97	4,018	\$	216,878	\$	5,986
902 - METER READING 903 - CUST REC&COLL EXP		86,954		12,396		3,464		71,094		1,962
904 - UNCOLLECT ACCTS 905 - MISC CUST ACCT EXP		1,228		173		22		1,033		
MGMT CUST ACCOUNTS		336,210		39,701		7,504		289,005		7,977

AMEREN MISSOURI ANNUALIZED LABOR ADJUSTMENT - MANAGEMENT TWELVE MONTHS ENDED JUNE 30, 2018

	L	OTAL UEC GAS ABOR EXP July 2017 - Jec 31 2017 a	(INCENTIVE COMPENSATN July 2017 - Dec 31 2017 b		LONG-TERM INCENTIVE COMPENSATN July 2017 - Dec 31 2017	ı	UEC GAS ABOR EXP EXCL. INCENT.COMP. July 2017 - Dec 31 2017 d =a-b-c		VAGE INCR. 2.76% EFFECTIVE 01/01/18 e d*e (rate)
GAS										
CUSTOMER SERV & INFO:							_		_	
907 - SUPV 908 - CUST ASST EXP	\$		\$		S		\$		\$	-
909 - INFO & INSTR ADVTSG		16,240		4,173		4,106		7,961		220
910 - MISCELLANEOUS		13,106		1,525		7.0		11,581		320
MGMT CUST SERV & INFO		29,346		5,698		4,106		19,542		540
GAS										
SALES:										
911 - SUPV	\$		\$		\$	5	\$	-	\$	-
912 - DEMO & SELLING EXP		30,942		3,582				27,360		755
913 - ADVERTISING 916 - MISC SALES EXP		*		-		-		-		-
MGMT SALES	_	30,942	-	3,582				27,360		755
		00,542		3,502		-		27,300		755
GAS A&G OPERATIONS ACCOUNTS:										
920 - A&G SALARIES	\$	1,951,195	S	344,101	\$	203,702	S	1,403,392	S	38,734
921 - OFC SUPPLIES & EXP	-		Ť	6-3/1/200	_	-	•			-
922 - A&G EXP TRSFD-CR				•				-		•
923 - OUTSIDE SRV EMPLD		2,609		320		-		2,289		63
924 - PROP INSURANCE 925 - INJ & DAMAGES		E 00E		4 222		077		0.000		-
926 - EMPL PENS & BENFT		5,865		1,232		977		3,656		101
927 - FRANCH REQMTS		-		-		_		-		-
928 - REG COMM EXP		-		-		-				-
929 - DUPLIC CHRGS-CR		-		-				-		-
930.1 - GENERAL EXP GEN. AD\	/			-				-		-
930.2 - GENERAL EXP MISC		5,325		790		234		4,301		119
931 - RENTS MGMT A&G OPERATIONS		1,964,994		346,443		204,913		1,413,638		20.047
WOM! AND OF EXAMINATE		1,504,554		340,443		204,913		1,413,030		39,017
MAINTENANCE ACCOUNT: 935 - MAINT OF GEN PLT		6 200		700				5.500		455
MGMT A&G MAINT	_			792 792				5,598 5,598		155 155
		0,000		702		_		3,330		133
TOTAL MANAGEMENT A&G		1,971,384		347,235		204,913		1,419,236		39,172
TOTAL MANAGEMENT GAS	\$	4,294,218	\$	659,431	\$	255,455	\$	3,379,332	\$	93,271
Source - O&M Labor data query from Mi	llenniu	ım GL								
	C			40						
	6 mc	onths ended 6	30	Actual		<u> </u>		Other		Total
	878 -	- METERS & H	OL					•		
		ontract	\$	392,625			\$	(80,393)	\$	312,232
		anagement		17,994				(3,684)		14,310
	U	her		(84,077)				84,077		-
		- A&G SALARI								
		ontract	\$				5	1,907	\$	279,467
		anagement her		1,937,879				13,316		1,951,195
	U	1161		15,223				(15,223)		•

TOTAL ANNUALIZED LABOR ADJUSTMENT TWELVE MONTHS ENDED JUNE 30, 2018 WAGE RATE ANALYSIS **AMEREN MISSOURI**

CONTRACT SALARIES	Effective	%	Effective	%
IUOE LOCAL Union 148	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 2	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 702 Physical	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 702 Clerical	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 1439	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 1439 South	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 1455 Region West	07/01/17	2.50%	07/01/18	2.50%
IBEW Local Union 1455	07/01/17	2.50%	07/01/18	2.50%
UGSOA Local 11 (Callaway Guards)	07/01/17	1.50%	07/01/18	2.75%
		9		

ADJUSTMENT FOR 2018	
Salaries as of 12/31/2017	413,919,465
Salaries as of 1/1/2018	425,337,513
Increase	11,418,048
Wage Increase at 1/1/2018	2.76%

Total

Non-ALT

ALT

MANAGEMENT SALARIES

ADJUSTMENT FOR 2019	
Salaries as of 12/31/2018	435,281,871
Salaries as of 1/2/2019	448,408,345
Increase	13,126,474
Wage increase to apply to 1/1/2019	3.02%

Salaries as 01 12/31/2010	1
balaries as of 1/2/2019	44
Increase	1
Vage increase to apply to 1/1/2019	

Ameren Missouri Employee Staff Annualization For the Test Year Ending June 30, 2018 True-Up Through May 31, 2019

	Regular Employees				
	Executive	Contract	Total		
Salary					
Ameren Missouri					
Average Salary	109,221	82,179			
Number of Employees	157	96_			
	17,147,728	7,889,165			
O&M Percent	67.63%	66.26%			
Gas Percent	4.14%	4.14%			
	480,116	216,413	696,529		
Ameren Services					
Average Salary	105,082	79,985			
Number of Employees	123	(10)			
	12,925,100	(799,854)			
O&M Percent	61.69%	57.66%			
Gas Percent	4.14%	4.14%			
Allocation to UEC	44.30%	44.30%			
	146,235	(8,458)	137,777		
Total Labor Adjustment	626,351	207,955	834,306		
Benefits		-			
Ameren Missouri					
Average Benefits	16,106	16,106			
Number of Employees	157	96			
	2,528,642	1,546,176			
O&M Percent	67.63%	66.26%			
Gas Percent	4.14%	4.14%			
	70,799	42,414	113,213		
Ameren Services					
Average Benefits	15,427	15,427			
Number of Employees	123	(10)			
	1,897,521	(154,270)			
O&M Percent	61.69%	57.66%			
Gas Percent	4.14%	4.14%			
Allocation to UEC	44.30%	44.30%			
	21,469	(1,631)	19,838		
Total Benefits Adjustment	92,268	40,783	133,051		
•					

Note: Average salary data is per HR, Ginger Davis. See also separate tab with information.

Note:

Benefits 103,921 401K 29,130 133,051

Ameren Missouri Number of Regular Employees July 2017 Through May 2019

Ameren Missouri

Month	Executive	Contract	Total
July 2017	1,371	2,285	3,656
August	1,369	2,245	3,614
September	1,366	2,226	3,592
October	1,373	2,246	3,619
November	1,380	2,250	3,630
December	1,381	2,251	3,632
Jan 2018	1,396	2,264	3,660
Feb	1,396	2,248	3,644
Mar	1,408	2,242	3,650
Apr	1,407	2,246	3,653
May	1,415	2,278	3,693
June	1,424	2,292	3,716
Average	1,391	2,256	3,647
July	1,431	2,305	3,736
August	1,446	2,294	3,740
September	1,444	2,289	3,733
October	1,449	2,321	3,770
November	1,467	2,318	3,785
December	1,472	2,309	3,781
Jan 2019	1,478	2,335	3,813
Feb	1,493	2,329	3,822
Mar	1,524	2,319	3,843
Apr	1,534	2,332	3,866
May	1,548	2,352	3,900
May over/(under) Average	157	96	253
Pro Forma Adjustment	157	96	253
Ameren Services			
Ameren Services Month	_Executive	Contract	Total
	Executive 1,246	Contract 256	Total
Month			
Month July 2017 August September	1,246 1,241 1,246	256	1,502
Month July 2017 August September October	1,246 1,241 1,246 1,253	256 255	1,502 1,496
Month July 2017 August September October November	1,246 1,241 1,246 1,253 1,258	256 255 255	1,502 1,496 1,501
Month July 2017 August September October November December	1,246 1,241 1,246 1,253 1,258 1,264	256 255 255 257 258 255	1,502 1,496 1,501 1,510
Month July 2017 August September October November December Jan 2018	1,246 1,241 1,246 1,253 1,258 1,264 1,261	256 255 255 257 258 255 250	1,502 1,496 1,501 1,510 1,516 1,519 1,511
Month July 2017 August September October November December Jan 2018 Feb	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269	256 255 255 257 258 258 255 250 249	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518
Month July 2017 August September October November December Jan 2018 Feb Mar	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253	256 255 255 257 258 255 250 249 249	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502
Month July 2017 August September October November December Jan 2018 Feb Mar Apr	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252	256 255 255 257 258 255 250 249 249 249	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252	256 255 255 257 258 255 250 249 249 250 246	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 1,500
Month July 2017 August September October November December Jan 2018 Feb Mar Apr	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252	256 255 255 257 258 255 250 249 249 249	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252	256 255 255 257 258 255 250 249 249 250 246	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 1,500
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260	256 255 255 257 258 255 250 249 249 250 246 246	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,255	256 255 255 257 258 255 250 249 249 250 246 246 246	1,502 1,496 1,501 1,510 1,510 1,519 1,511 1,518 1,502 1,500 1,506
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,255	256 255 255 257 258 255 250 249 249 250 246 246	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 1,500 1,506
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,255 1,271 1,280 1,275 1,281	256 255 255 257 258 255 250 249 249 250 246 246 246	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287	256 255 255 257 258 255 250 249 249 250 246 246 246 242 242	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294	256 255 255 257 258 255 250 249 249 250 246 246 246 242 245 247 242 245 248 247 247	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321	256 255 255 257 258 255 250 249 249 250 246 246 246 242 242 245 247 242 248 247 247	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb	1,246 1,241 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332	256 255 255 257 258 255 250 249 249 250 246 246 246 247 242 245 248 247 247 246 246	1,502 1,496 1,501 1,510 1,516 1,511 1,518 1,502 1,500 1,506 1,507 1,508 1,507
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331	256 255 255 257 258 255 250 249 249 250 246 246 246 247 247 242 245 248 247 247 246 246 246	1,502 1,496 1,501 1,510 1,516 1,511 1,518 1,502 1,500 1,506 1,507 1,518 1,522 1,520 1,520 1,520 1,529 1,534 1,541 1,541 1,578
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar Apr	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331 1,354	256 255 255 257 258 255 250 249 249 250 246 246 246 245 247 242 245 248 247 247 246 246 247 246 246 247	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,506 1,507 1,518 1,522 1,520 1,520 1,529 1,534 1,541 1,541 1,578 1,578 1,578
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331	256 255 255 257 258 255 250 249 249 250 246 246 246 247 247 242 245 248 247 247 246 246 246	1,502 1,496 1,501 1,510 1,516 1,511 1,518 1,502 1,500 1,506 1,507 1,518 1,522 1,520 1,520 1,520 1,529 1,534 1,541 1,541 1,578
Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar Apr	1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331 1,354	256 255 255 257 258 255 250 249 249 250 246 246 246 245 247 242 245 248 247 247 246 246 247 246 246 247	1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,506 1,507 1,518 1,522 1,520 1,520 1,529 1,534 1,541 1,541 1,578 1,578 1,578

Ameren Missouri Staffing Annualization Average Annual Salaries May 2019

AMS

Ameren Missouri

Contract

\$79,985.38

\$82,178.80

Management

\$105,082.11

\$109,221.20

Note: Average salary data is per HR, Ginger Davis

Ameren Missouri's
Response to Ameren Supplemental
Pre-Gas Rate Case

In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariff's to Increase Its Revenues for Natural Gas Service

No.: HR-1s1

Please provide the average salary information for AMS and Ameren Missouri as of 5/31/2019 (or as near as possible) separated for Union and Management for true-up.

RESPONSE: (Do not edit or delete this line or anything above this. Start typing

your response right BELOW Date.)

Prepared By: Ginger Davis

Title: Manager, Ameren Services Center

Date: 6/12/19

Regarding AMS and UEC companies as of 5/31/19:

Exe/Con	Co	Average of Hrly Rate	Average of Annual Rt
С	AMS	\$38.31	\$79,985.38
	UEC	\$39.36	\$82,178.80
C Total		\$39.26	\$81,975.22
E	AMS	\$50.35	\$105,082.11
	UEC	\$52.31	\$109,221.20
E Total		\$51.36	\$107,212.66
Grand Total		\$45.80	\$95,605.03

Ameren Missouri Staffing Annualization Average Benefits December 2018

Ameren Missouri	
Per Employee Labor Cost Analysis	
#15 Life & AD&D Insurance	1,539,865
#20 LTD	2,150,118
#21 401(k) Matching	13,424,916
#24 Medical Insurance	42,664,750
#25 Dental and Vision Insurance	4,193,699
Total Benefits	63,973,348
Headcount	3,972
Average Benefits	16,106
Ameren Services Per Employee Labor Cost Analysis	
#15 Life & AD&D Insurance	881,228
#20 LTD	270,641
#21 401(k) Matching	6,668,174
#24 Medical Insurance	15,424,427
#25 Dental and Vision Insurance	1,377,788
Total Benefits	24,622,258
Headcount	1,596
Average Benefits	15,427

FERC Major				924			925
Gas - Pro Forma Adjustments El		46		\$77.00			\$3,176.95
Annualized Premium - Gas at 05-2019 true-up				\$974.00			\$36,794.62
TEST YEAR		\$897.00		\$897.00	\$21,802.67	\$11,815.00	922.0.7.0
UEC PREMIUM	\$36,497.00 \$8,383.00	\$44,880.00 \$43,983.00 \$897.00	\$38,128.00	\$47,757.00 \$47,757.00 \$974.00	\$327,040.00 \$294,336.00 \$32,704.00	\$322,229.00 \$286,784.00 \$35,445.00	\$334,496.54 \$297,701.92 \$36,794.62
		98%	'	98% 2%	90%	89% 11%	89% 11%
ALLOCATION FACTOR - UEC	45.38% 53.21%	Electric Gas	42.16% 52.20%	Electric Gas	25.00% Electric Gas	25.00% Electric Gas	25.00% Electric Gas
TOTAL PREMIUM	\$80,425.00 \$15,755.00		\$90,425.00 \$20,312.00		C MAJ 925) \$1,308,160.00	\$1,288,915.00	\$1,337,986.15
TYPE OF COVERAGE & POLICY PERIOD	CRIME (FERC MAJ 924) 6/28/17-18 - AMS Allocation (19.59%)		6/28/18-19 - AMS Allocation (22.46%)		DIRECTORS & OFFICERS (FERC MAJ 925) 3/1/17-18 \$1,30	3/1/18-19	3/1/19-20

Annualized Premium - Gas at 05-2019 true-up Gas - Pro Forma Adjustments FERC Major (For Premiums in effect at 05/19 true-up)						
An <u>TEST YEAR</u> 12 mtd 06-2018	\$91,331.67	\$0.00	\$1,190.33	\$476,595.94	00 08	\$6.321.67 \$7.512.00
UEC PREMIUM	\$5,409,498.00 \$70,399.00 \$5,479,897.00 \$4,931,908.00 \$547,990.00	\$13,285.00 \$173.00 \$13,458.00 \$13,458.00 \$0.00	\$70,504.00 \$918.00 \$71,422.00 \$64,280.00 \$7,142.00	\$5,130,667.69 \$68,550.78 \$5,199,218.47 \$4,627,313.34 \$571,915.13	\$12,638.00 \$169.00 \$12,807.00 \$12,807.00 \$0.00	\$68,055.00 \$909.00 \$68,964.00 \$61,378.00 \$7,586.00
	90%	100%	90%	89% 11%	100%	89% 11%
ALLOCATION FACTOR - UEC	39.66% 53.21% Electric Gas	39.66% 53.21% Electric Gas	39.66% 53.21% Electric Gas	37.73% 51.97% Electric Gas	37.73% 51.97% Electric Gas	37.73% 51.97% Electric Gas
TOTAL PREMIUM	\$13,639,683.00 \$132,305.00	\$33,497.00 \$325.00	\$177,771.00 \$1,724.00	\$13,598,403.65 \$131,117.00	\$33,497.00 \$325.00	\$1,750.00
TYPE OF COVERAGE & POLICY PERIOD	EXCESS LIABILITY (FERC MAJ 925) 9/1/16-17 EXCESS LIABILITY - AMS Allocation (0.97%) Allocation based on how insurer calculates the premium	PROFESSIONAL LIABILITY - AMS Allocation (0.97%)	PUNITIVE - AMS Allocation (0.97%)	9/1/17-18 EXCESS LIABILITY - AMS Allocation (0.97%) Allocation based on how insurer calculates the premium	PROFESSIONAL - AMS Allocation (0.97%)	PUNITIVE - AMS Allocation (0.97%)

Annualized Premium - Gas - Pro Forma Adjustments FERC Major (For Premiums in effect at 05/19 true-up)		\$554,680.00 (\$13,247.61) 925		\$0.00		\$7,576.51 \$64.51 925				100% elec					100% elec	
Ann. <u>TEST YEAR</u> 6 12 mtd 06-2018									- C	\$5,721.33				\$23,155.83 \$26,877.16	\$0.00 \$0.00	
UEC PREMIUM	\$4,976,136.00 \$66,409.00 \$5,042,545.00	\$4,487,865.00 \$554,680.00	\$12,638.42 \$169.00	\$12,807.42 \$12,807.42 \$0.00	\$67,977.39 \$906.00	\$68,883.39 \$61,306.88 \$7,576.51		\$453,936.00 \$104,270.00	\$558,206.00 \$535,878.00	\$3,464.00		\$544,041.00 \$150,637.00	\$694,678.00 \$666,891.00	\$27,787.00	\$4,083.00	
z ()		89% 11%	·	100%	·	89% 11%			%96	elec		·	%96	4%	olec	
ALLOCATION FACTOR - UEC	37.73% 51.91%	Electric Gas	37.73% 51.91%	Electric Gas	37.73% 51.91%	Electric Gas		45.38% 53.21%	Electric	Gas 100.00%		42.16% 51.97%	Electric	Gas	100.00%	
TOTAL PREMIUM	\$13,188,804.75 \$127,931.42		\$33,497.00 \$324.92		\$180,168.00 \$1,747.63		IC MAJ 925)	\$1,000,300.00 \$195,959.00		\$3,464.00		\$1,290,300.00 \$289,855.00			\$4,083.00	
COVERAGE & PERIOD	9/1/18-19 EXCESS LIABILITY - AMS Allocation (0.97%)	Allocation based on how insurer calculates the premium	PROFESSIONAL - AMS Allocation (0.97%)		PUNITIVE - AMS Alfocation (0.97%)		WORKERS' COMPENSATION (FERC MAJ 925) 9/1/16-17 Exercet	- AMS Allocation (19.59%)	Altocation based on headcount	9/1/16-17 Everest - UEC	9/1/17-18	- AMS Allocation (22.46%)	Allocation based on headcount	9/1/17-18	Everest - UEC	M-Si

FERC Major		925	925			924	924
Gas Gas - Pro Forma Adjustments FE (For Premiums in effect at 05/19 true-un)		\$11,253.89	\$0.00			(\$16,826.87)	\$0.00
Annualized Premium - Gas at 05-2019 true-up		\$38,131,05	100% elec \$0.00			\$96,717.13	100% elec 100% elec \$0.00
Ar TEST YEAR 12 mtd 06-2018	gi sii			\$30,259.83	\$83,284.17		\$0.00 \$0.00 \$0.00
UEC PREMIUM	\$626,120.89 \$136,503.00	\$762,623.89 \$724,492.84 \$38,131.05	\$3,483.00	\$9,077,947.59 \$8,896,388.64 \$181,558.95	\$4,997,091.00 \$4,897,150.00 \$99,941.00	\$4,835,856.38 \$4,739,139.26 \$96,717.13	\$12,757.50 \$8,526.54 \$10,679.00
Ol	'	95%	o lec	98 2%%	98% 2%	98%	9 0
ALLOCATION FACTOR - UEC	43.99% 51.91%	Electric Gas	100.00%	86.71% Electric Gas	81.54% Electric Gas	81.26% Electric Gas	100.00% 100.00% 100.00%
TOTAL PREMIUM	\$1,423,300.00 \$262,960.92		\$3,483.00	<u>(4)</u> \$10,469,320.25	\$6,128,508.00	\$5,951,018.70	\$12,757.50 \$8,526.54 \$10,679.00
TYPE OF COVERAGE & POLICY PERIOD	9/1/18-19 Everest - AMS Allocation (18.48%)	Allocation based on headcount	9//18-19 Everest - UEC	EXCESS PROPERTY (FERC MAJ 924) 9/1/16-17 Allocation based on gas/electric sassets	9/1/17-18 Allocation based on gas/electric assets	9/1/18-19 Altocation based on gas/electric assets	SOLAR PROPERTY (FERC MAJ 924) 12/1/16-17 12/1/17-18 12/1/18-19

925

925

OWNERS & CONTRACTORS PROTECTIVE (FERC MAJ 925) - JANS Allocation (9.37%) - JANS Allocation (9.37%) - JANS Allocation (9.37%) - JANS Allocation (9.37%) - JANS Allocation based on how insurer - JANS Allocation (9.37%) - JANS Allocation based on how insurer - JANS Allocation (9.37%) - JANS Allocation based on how insurer - JANS Allocation based base	Annualized Premium - Gas - Pro Forma Adjustments FERC Major UEC PREMIUM TEST YEAR at 05-2019 true-up Gas - Pro Forma Adjustments FERC Major 12 mtd 06-2018 (For Premiums in effect at 05/19 true-up)
\$91,875.00 \$90% \$33,220.00 \$33,220.00 \$4891.00 \$1.97% \$3,891.00 \$1.97% \$3,891.00 \$1.97% \$3,964.00 \$1.97% \$3,964.00 \$1.97% \$3,964.00 \$1.07.34 \$1391.00% \$1,987.89 \$1,037.34 \$100.00% \$19% \$35,287.98 \$26,571.00 \$100.00% \$135,287.98 \$105,322.00 \$100.00% \$135,287.98 \$105,322.00 \$100.00% \$135,287.98 \$105,322.00 \$100.00% \$10	
\$91,875.00 \$1.37,73% \$334,664.00 \$463.00 \$1.37,73% \$106,942.50 \$37,73% \$106,942.50 \$37,73% \$40,349.41 \$41,037.34 \$1,037.34 \$1,037.34 \$100.00%	\$1,537.92
\$106,942.50 \$17.73% \$106,942.50 \$17.73% \$106,942.50 \$17.73% \$106,942.50 \$17.73% \$106,942.50 \$1391.00% \$10.39% \$10.39.41 \$10.37.34 \$10.39.41 \$10.30.44 \$10.00% \$10.00% \$10.00% \$10.00% \$10.00% \$10.30.00 \$10.00% \$10.30.00 \$10.00% \$10.30.00 \$10.00% \$10.30.00 \$10.30.00 \$10.00% \$10.30.00 \$10.30.00 \$10.00% \$10.30.00 \$10.30.00 \$10.00% \$10.30.00 \$10.00% \$10.30.00 \$10.00% \$10.30.00 \$10.00% \$10.30.00 \$10.00%	
\$106,942.50 37.73% \$40,349.41 \$1,037.34 51391.00% \$538.48 \$40,887.89 Electric 89% \$36,390.22 Gas 1100.00% \$36,390.22 \$44,497.67 Gas 100.00% \$36,002.44 \$67,322.00 \$81,955.00 \$10,00% \$67,322.00 \$81,955.00 \$10,00% \$67,322.00 \$10,00% \$67,322.00 \$10,00% \$67,322.00 \$10,00% \$65,640.00 \$78,098.00 \$78,098.00 \$10,00% \$78,098.00 \$78,098.00 \$10,00% \$78,098.00 \$78,098.00 \$10,00% \$78,098.00 \$78,098.00 \$10,00% \$78,098.00 \$78,098.00 \$10,00% \$78,098.00 \$78,098.00 \$10,00% \$78,098.00 \$10,00% \$78,098.00	\$2,254.00
\$35,287.98	
\$35,287.98	\$4,497.67
\$856,571.00	\$0.00 100% elec \$0.00 \$0.00 925
\$829,012.00 100.00% \$65,640.00 100.00% \$78,098.00 100.00% \$28,763.00 100.00% \$65,640.00 100.00% \$78,098.00 100.00% \$78,098.00 100.00% \$28,763.00 100.00%	\$0.00 100% elec \$0.00 100% elec \$0.00 100% elec \$0.00 100% elec \$0.00
\$839,344.00 100.00% \$65,640.00 100.00% \$78,098.00 100.00% \$28,763.00 100.00%	\$0.00 100% elec \$0.00 100% elec \$0.00 100% elec \$0.00 100% elec
	100% elec 100% elec 100% elec 100% elec \$0.00 \$25

Ameren Missouri - TRUE UP SUMMARY 05-31-2019 - FINAL

- Gas - Pro Forma Adjustments FERC Major For Demines in effect at 05/10 true unit																													\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	90.00	30 \$0.00 924					00 80.00 925		
ualized Premium - at 05- <u>2</u> 019 true-u <u>p</u>																														90.0¢	\$0.00					\$0.00		
Annualized Premium - Gas at 05-2019 true-up		100% elec	100% elec	100% elec	100% elec	100% elec	100% elec	100% elec		100% elec	1000	100% elec	100% elec	100% elec	100% elec	100% elec	100% elec	100% elec		100% elec			100% elec	100% elec	100% elec	100% elec	100% elec	100% elec	100% elec	100% alac				100% elec		100% elec		
Au TEST YEAR		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	20.00		\$0.00	6	90.00	\$0.00	\$0.00	20.00	20.00	\$0.00	\$0.00	20.00	\$0.00	\$0.00													00.08	•	\$0.00	\$0.00	
UEC PREMIUM		\$690.080.00	\$2,041,335.00	\$688,375.00	1,094,333.00	\$41,550.00	\$16,285.00	\$5.043.534.00		\$76,658.00	00 700 6	00.788,1004	\$1,902,047.00	9005,572.00	(3,844,961.00)	241,612.00	\$16,347.00	\$499,216.00	(\$38,380.00)	\$77,810.00			\$690,175.00	\$1,950,153.00	\$673,024.00	(2,517,520.00)	\$41,645.00	\$16,380.00	\$477,279.00	00.08T,T&8,T ¢	\$82,371.00			\$1,600,190.70		\$1,728,908.00 \$576.302.67		
ALLOCATION FACTOR - UEC		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		100.00%	700 000	200.00T	100.00%	100.00%	%00.00L	100.00%	100.00%	100.00%		100.00%			100.00%	100.00%	100.00%	100.00%	100.00%	%00.00r	100.00%		100.00%			93.70% Annual Premium elec		100.00% Annual Premium elec		100 CE
TOTAL PREMIUM	924}	\$690,080,00	\$2,041,335.00	\$688,375.00	1,094,333.00	\$41,550.00	\$16,285.00	\$471,576.00		\$76,658.00	1004	00.788,T00¢	\$1,902,047.00	\$665,572.00	(3,844,961.00)	\$41,612.00	\$16,347.00	\$499,216.00		\$77,810.00			\$690,175.00	\$1,950,153.00	\$673,024.00	(2,517,520.00)	\$41,645.00	\$16,380.00	\$477,279.00		\$82,371.00	•	s (FERC MAJ 925)	\$1,707,780.90 An		\$1,728,908.00 An		OC 15 30 VOINTAINS
TYPE OF COVERAGE 8. POLICY PERIOD	NUCLEAR PROPERTY (FERC MAJ 924)	Excess Property (NEIL)	Primary Property (NEIL)	Replacement Power (NEIL)	Distribution & Premium Credits (N	Excess Property (NSIC) \$750M La	Excess Property (NSIC) \$50M Lay	Excess Property (EMANI)	1/1/7-18	Call Protection (EMANI)	91-81/14	Excess Property (NEIL.)	Primary Property (NEIL)	Replacement Power (NEIL)	Distribution & Premium Credits (P	Excess Property (NSIC) \$750M La	Excess Property (NSIC) \$50M Lay	Excess Property (EMANI)	11118-127-1118	Call Protection (EMANI)		4/1/19-20	Excess Property (NEIL)	Primary Property (NEIL)	Replacement Power (NEIL)	Distribution & Premium Credits (1)	Excess Property (NSIC) \$750M La	Excess Property (NSIC) \$50M Lay	Excess Property (EMANI)	11110-12121110	Call Protection (EMANI)	•	Pollution Legal Liability - Ash Ponds (FERC MAJ 925)	X1214/14-17	Μ-	0Z-24142 -5 0	-67	ANIA - 010C-15-20 VGAMMILS OF BLIGHT FILES OF STATES

Ameren Missouri - TRUE UP SUMMARY 05-31-2019 - FINAL

	FERC Major	(d	
SB	Gas - Pro Forma Adjustments	or Premiums in effect at 05/19 true-up	
Annualized Premium - Gas	at 05-2019 true-up	F)	
Ā	TEST YEAR	12 mtd 06-2018	
	UEC PREMIUM		
ALLOCATION	FACTOR - UEC		
	TOTAL PREMIUM		
TYPE OF COVERAGE &	POLICY PERIOD		

<u>Test Year</u> \$843,379.12	Annualization \$894,999,52	<u>Adjustments</u> \$51,620.40	Acct
\$114,441.00	\$97,691.13	(\$16,749.87)	924
\$728,938.12	\$797,308,39	\$68,370.27	925

Ameren Missouri PRO FORMA EMPLOYEE BENEFITS (EXCLUDING PENSIONS AND OPEBS)

					ACTUAL				Ā	ACTUAL			
	ELECTRIC	12	12 MO ENDED 06/30/2018	SO	CONSTRUCTION	NET O & M	121	12 MO ENDED 05/31/2019	CONS	CONSTRUCTION	NET O & M	<u>. </u>	PRO FORMA INCREASE
20-926-014-WB-BDVM	DENTAL & OPTICAL - MANAGEMENT	s	0 202 203	s	0 \$	0 440 040	69	0 000 000	69	\$ 0	0000	<i>چ</i>	0
20-926-019-WB-B401	GROUP INS RETIRED		10,032,702		26/'610'0	10,412,910		10,410,536		5,747,954	10,662,384	4 0	249,674
20-926-019-WB-BLIA	GROUP INS RETIRED		0			0		0		•		0	0
20-926-020-WB-BLIA	GROUP INS. PREMIUM		929,109		325,672	603,437		962,127		336,995	625,132	2	21,695
20-926-022-WB-BMIC	MAJOR MEDICAL EXP.		162,011		56,788	105,223		86,704		30,369	56,335	rs S	(48,888)
20-926-023-WB-BLIA	ACC, DEATH & DISMEM.		0			0		0				0	0
20-926-024-WB-BDVC	DENTAL & OPTICAL 1455		836,448		293,192	543,256		833,440		291,921	541,519	6	(1,737)
20-926-025-WB-BDVC	DENTAL 1439, 649 & 309		0			0		0		•		0	0
20-926-026-WB-BMIM	GRP. MAJ. MED MGMT.		51,166,625		17,934,955	33,231,670		52,088,190	•	18,244,407	33,843,783	9	612,113
20-926-027-WB-BPAD	GRP, MAJ, MED, ADMN,		0		•	0		0		s .		0	0
20-926-030-(269)	MEDICAL SAL. & EXP.		0			0		0				0	0
20-926-062-WB-BDIA	LONG-TERM DISABILITY		2,166,216		759,303	1,406,913		2,170,302		760,170	1,410,132	21	3,219
TOTAL ELECTRIC EMPLOYEE BENEFITS	E BENEFITS	s,	71,293,111	€Đ.	24,989,702 \$	46,303,409	49	72,551,301	£9	25,411,816 \$	47,139,485	69	836,076
TOTAL COMPANY EMPLOYEE BENEFITS	E BENEFITS	ь	74,240,186	s	26.104.704 \$	48,135,482	S	75.820.795	S	26.670.155 \$	\$ 49,150,640	S CI	1.015.158
						64.948%					64.974%	%	

NOTE: AMOUNTS TRANSFERRED TO CONSTRUCTION IN ACCOUNT 20-926-081-AG-ACOS

LMM-S1-69

Ameren Missouri PRO FORMA EMPLOYEE BENEFITS (EXCLUDING PENSIONS AND OPEBS)

				ACTUAL	٩L				ACTUAL		
		12 MO	MO ENDED	·			12 MO	12 MO ENDED			PRO FORMA
	GAS	<u></u>	06/30/2018	CONSTRUCTION	CTION	NET O & M	05/31	05/31/2019 CO	CONSTRUCTION	NET O & M	INCREASE
81/89-926-014-WB-BDVM	DENTAL & OPTICAL - MANAGEMENT	49	0	ક્ક	0	0	₆ 9	9	9	0	0 \$
81/89-926-015-WB-B401	401-K MATCHING CONTRIBUTIONS		664,149	25	251,275	412,874		742,917	281,077	461,840	48,966
81/89-926-019-WB-BNQP	GROUP INS RETIRED		0		0	0		0	0	0	0
81/89-926-019-WB-BLIA	GROUP INS RETIRED		0		0	0		0	0	0	0
81/89-926-020-WB-BLIA	GROUP INS, PREMIUM		38,353	•	14,511	23,842		43,472	16,447	27,025	3,183
81/89-926-022-WB-BMIC	MAJOR MEDICAL EXP.		6,385		2,415	3,970		3,741	22,768	(19,027)	(22,997)
81/89-926-023-WB-BLIA	ACC. DEATH & DISMEM.		0		0	0		0	0	0	0
81/89-926-024-WB-BDVC	DENTAL & OPTICAL 1455		34,548		13,071	21,477		37,556	14,209	23,347	1,870
81/89-926-025-WB-BDVC	DENTAL 1439, 649 & 309		0		0	0		0	0	0	0
81/89-926-026-WB-BMIM	GRP, MAJ, MED, - MGMT.		2,114,198	75	799,890	1,314,308	2	2,344,142	886,887	1,457,255	142,947
81/89-926-027-WB-BPAD	GRP. MAJ. MED. ADMN.		0		0	0		0	0	0	0
81/89-926-030-(269)	MEDICAL SAL. & EXP.		0		0	0		0	0	0	0
81/89-926-062-WB-BDIA	LONG-TERM DISABILITY		89,442		33,840	55,602		999'26	36,951	60,715	5,113
TOTAL GAS EMPLOYEE BENEFITS	EFITS	49	2,947,075	\$ 1,11	1,115,002 \$	1,832,073	8	3,269,494 \$	1,258,339 \$	2,011,155	\$ 179,082
						62,166%				61.513%	

NOTE: AMOUNTS TRANSFERRED TO CONSTRUCTION IN ACCOUNT 82-926-081-AG-ACOS

LMM-S1-70

Ameren Missouri PRO FORMA EMPLOYEE BENEFITS (EXCLUDING PENSIONS AND OPEBS)

GAS	0 39,922 0	3,741 37,556 0	2,344,142	742,917	92,666	0	0	0	3,265,944	4.31%				
nded 5/31/2019 <u>ELECTRIC</u>	0 72,677 0	86,704 833,440 0	52,088,190 0	16,410,538	2,170,302	0	0	0	72.554.851 \$	95.69%				
ACTUAL 12 months ended 5/31/2019 12 Months Actual ELECTRIC	0 1,005,599 0	90,445 870,996 0	54,432,332 0	17,153,455	2,267,968	0	0	0	\$ 75.820.795 \$	100.00%				
2 Months Actual	1,005,599	961,441	54,432,332	17,153,455	2,267,968	0	0	0 '	\$ 75.820.795	100.00%	95.28% 4.72% 100.00%		95.69% 4.31% 100.00%	95.28% 4.72% 100.00%
Gas	0 38,353 0	6,385 34,548 0	2,114,198	664,149	89,442	0	0	0	2.947.075	3.97%				
ended 6/30/2018 Electric	0 929,109 0	162,011 836,448 0	51,166,625	16,032,702	2,166,216	0	Q	0	71.293.111 \$	96.03%				
ACTUAL 12 months ended 6/30/2018 12 Months Actual <u>Electric</u>	0 967,462 0	168,396 870,996 0	53,280,823	16,696,851	2,255,658	0	Đ	Q Q	\$ 74,240,186 \$	100.00%		έĠ		
iths Actual	\$ 967,462	1,039,392	53,280,823	16,696,851	2,255,658	0	0	0 '	\$ 74,240,186	100.00%	AMS Direct) 95,73% 4,27% 100.00%	OTHER EMP. BENEFIT	96.03% 3.97% 100.00%	95.86% 4.14% 100.00%
TOTAL COMPANY EMPLOYEE BENEFITS EXPENSE (EXCLUDING PENSIONS):	BLIA 926-019-WB-BLIA 926-023-WB-BLIA 926-023-WB-BLIA	BMIC & BDVC 926-022-WB-BMIC 926-024-WB-BDVC 926-025-WB-BDVC	BMIM & BDVM 926-026-WB-BMIM 926-014-WB-BDVM	B401 926-015-WB-B401	BDIA 926-062-WB-BDIA	N/A (269) 926-030-(269)	BNQP 926-019-WB-BNQP	BPAD 926-027-WB-BPAD	TOTAL BY ACTV		FUNCT. OF TRANSFER TO CONST. (BUDGET 089) (UE Missouri + AMS Direct) ELECTRIC GAS	ALLOCATION OF AMEREN SERVICES OTHER EMP. BENEFITS:	17 MUS ACI UAL ELECTRIC GAS	FUNCT. OF TRANSFER TO CONST. (BUDGET 089) (UE Missouri) ELECTRIC GAS

Ameren Missouri DIRECT CHARGES - EMPLOYEE BENEFITS (EXCLUDING PENSIONS AND OPEBS)

		12 MO	NTHS	12 MONTHS ENDED 6/30/2018	118		12 MOR	12 MONTHS ENDED 5/31/2019	919
		TOTAL ELECTRIC	5	TOTAL GAS	TOTAL	_,	TOTAL ELECTRIC	TOTAL GAS	TOTAL
THE MANAGEMENT & JOHN & SOUTH	6	c	e	c	c	6	c	6	c
			9	_	ָר רַ רַ	9			0
•		13,060,404		541,271	13,601,675		13,757,837	623,436	14,381,273
xx-926-019-WB-BNQP GROUP INS RETIRED		0		0	0		0	0	0
xx-926-019-WB-BLIA GROUP INS RETIRED		0		0	0		0	0	0
xx-926-020-WB-BLIA GROUP INS. PREMIUM		760,545		31,384	791,929		793,137	35,860	828,997
xx-926-022-WB-BMIC MAJOR MEDICAL EXP.		153,661		6,040	159,701		94,717	4,102	98,819
xx-926-023-WB-BLIA ACC. DEATH & DISMEM.		0		0	0		0	0	0
O		836,448		34,548	870,996		833,440	37,556	966'028
xx-926-025-WB-BDVC DENTAL 1439, 649 & 309		0		0	0		0	0	0
		43,212,835		1,785,378	44,998,213		43,992,866	1,979,518	45,972,384
xx-926-027-WB-BPAD GRP, MAJ, MED, ADMN.		0		0	0		0	0	0
xx-926-030-(269) MEDICAL SAL. & EXP.		0		0	0		0	0	0
xx-926-062-WB-BDIA LONG-TERM DISABILITY	,	2,032,250		83,904	2,116,154		1,997,021	89,861	2,086,882
DIRECT EMPLOYEE BENEFITS	69	60,056,143	6 9	2,482,525 \$	62,538,668	69	61,469,018	\$ 2,770,333 \$	64.239.351
		96.03%		3.97%			%69'96	4.31%	
TRANSFERRED TO CONSTRUCTION (xx-926-081-AC-ACOS)	₩	(20,710,842)	69	(894,759) \$	(21.605.601)	69	(20,336,142)	\$ (1,008,321) \$	(21.344.463)
NET OTHER EMPLOYEE BENEFITS	69	39,345,301	69	1,587,766 \$	40.933.067	69	41,132,876	\$ 1,762,012 \$	42.894.888
		96.12%		3.88%			95.89%	4.11%	

4.69%

95.31%

4.90%

95.10%

% TO CONSTRUCTION (% based on book AMS)

Ameren Missouri Allocation of AMS Employee Benefit Expenses (Actual)

31/2019	AmerenUE		95.69% 4.31%	0 0	2,652,701 119,481	0 0	0 0	168,990 7,612	(8,013) (361)	0	0 0	0	8,095,324 364,624	0 0	0 0	173,281 7,805	11,082,283 499,161	95.28% 4.72%	(5,075,674) 0 (250.018)	(5,075,674) (250,018)	6.006.609 249.143
12 MONTHS ENDED 5/31/2019	An	UEC Total	44.30%	0	2,772,182	0	0	176,602	(8,374)	0	0	0	8,459,948	0	0	181,086	11,581,444		(5,075,674) (250.018)	(5,325,692)	6 255 752
12		TOTAL AMS	Amount	0	6,257,747	0	0	398,650	(18,904)	0	0	0	19,096,949	0	0	408,772	26,143,214		(11,457,504) (564,374)	(12,021,878)	14 121 336
		Gas	3.97%	0	122,878	0	0	696'9	345	0	0	0	328,820	0	0	5,538	464,550	4.14%	0 (220.243)	(220,243)	244 307
/30/2018	AmerenUE	Electric	96.03%	0	2,972,298	0	0	168,564	8,350	0	0	0	7,953,790	0	0	133,966	11,236,968	95.86%	(4,278,860) 0	(4,278,860)	6 958 108
12 MONTHS ENDED 6/30/2018	A	UEC Total	44.30%	0	3,095,176	0	0	175,533	8,695	0	0	0	8,282,610	0	0	139,504	11,701,518		(4,278,860) (220,243)	(4,499,103)	7 202 415
12		TOTAL AMS	Amount	0	6,986,854	0	0	396,236	19,628	0	0	0	18,696,637	0	0	314,908	26,414,263	TRANSFERRED TO CONSTRUCTION (% based on direct)	(9,658,826)	(10,155,989)	16 258 274
		Í	ACTV	BDVM	B401	BNOP	BLIA	BLIA	BMIC	BLIA	BDVC	BDVC	BMIM	BPAD	(69	BDIA		RUCTION (%)	G ACOS	lion	. <u></u>
			MIN	014 WB	015 WB	019 WB	019 WB	020 WB	022 WB	023 WB	024 WB	025 WB	026 WB	027 WB	030 (269)	062 WB		ED TO CONSTI	081 AC & AG ACOS 081 AC & AG ACOS	Total Transferred to Construction	Net of transferred to Construction
		;	MAJ	926	956	926	926	956	926	926	926	926	926	926	926	926	Total	TRANSFERRE U-MAJ	1-926 2-926	Total Transferr	Not of transfer

Ameren Missouri Pension and OPEB Rebase Adjustment Based Upon 2019 Towers Watson Expense

	Pensi Without Non-		
	AMS	UEC	
Total Company - Qualified Service Costs	17,667,000	36,887,000	
% O&M	61.28%	66.87%	
Non-Service Costs	10,826,338 (16,217,000)	24,666,337 (33,858,000)	
	(5,390,662)	(9,191,663)	
% Gas	4.14%	4.14%	
Gas Expense	(223,173)	(380,535)	
% UEC	44.30%	100.00%	
Total	(98,866)	(380,535)	(479,401)
Test Year Expense	187,320	1,079,196	1,266,516
Rebase Adjustment	(286,186)	(1,459,731)	(1,745,917)
	OPEE	3s	
	AMS	UEC	
Total Company Service Costs	2,858,000	7,822,000	
%O&M	61.28%	66.87%	
Non-Service Costs	1,751,382	5,230,571	
Non-Service Costs	(5,705,000)	(11,866,000)	
	(3,953,618)	(6,635,429)	
% Gas	4.14%	4.14%	
Gas Expense	(163,680)	(274,707)	
% UEC	44.30%	100.00%	
Total	(72,510)	(274,707)	(347,217)
Test Year Expense	50,244	305,628	355,872
Rebase Adjustment	(122,754)	(580,335)	(703,089)
Total Rebase Adjustment		=	(2,449,006)

Ameren Corporation Pension Liability Allocations by Company Shown as Pretax (Increase)/Decrease to Liability (in \$ thousands) Revised as of January 25, 2019

	NEC	AMS
Qualified Plan		
Current Liability Noncurrent Liability Net Amount Recognized	(160,084)	(76,669)
Estimated 2019 Expense Estimated Monthly Expense	(3,029) (252)	(1,450) (121)
Estimated 2019 Service Cost Estimated Monthly Service Cost	(36,887) (3,074)	(17,667)
Nonqualified Plan		
Current Liability Noncurrent Liability Net Amount Recognized	(1,177) (13,307) (14,484)	(563) (6,373) (6,936)
Estimated 2019 Expense Estimated Monthly Expense	(1,311) (109)	(628)
Estimated 2019 Service Cost Estimated Monthly Service Cost	(421) (35)	(201)

Ameren Corporation OPEB Liability Allocations by Company Shown as Pretax (Increase)/Decrease to Liability (in \$ thousands) Revised as of January 25, 2019	ility	
	UEC	AMS
Before Reflecting Medicare Part D		
Noncurrent Asset Current Liability	(55,020)	(7,812)
Noncurrent Liability Net Amount Recognized	(55,020)	(7,812)
Estimated 2019 Expense Estimated Monthly Expense	5,210 434	3,261
Estimated 2019 Service Cost Estimated MonthlyService Cost	(7,822) (652)	(2,858) (238)
After Reflecting Medicare Part D		
Noncurrent Asset Current Liability	(54,237)	(7,521)
Noncurrent Liability Net Amount Recognized	(54,237)	(7,521)
Estimated 2019 Expense Estimated Monthly Expense	4,044	2,847 237
Estimated 2019 Service Cost Estimated MonthlyService Cost	(7,822) (652)	(2,858) (238)

Ameren Missouri Pension and OPEB Rebase Adjustment Test Year Expense

Pension:	AMS	UEC
July 2017	15,610	89,933
August 2017	15,610	89,933
September 2017	15,610	89,933
October 2017	15,610	89,933
November 2017	15,610	89,933
December 2017	15,610	89,933
January 2018	15,610	89,933
February 2018	15,610	89,933
March 2018	15,610	89,933
April 2018	15,610	89,933
May 2018	15,610	89,933
June 2018	15,610	89,933
TOTAL	187,320	1,079,196

OPE	B:	AMS	UEC
	July 2017	4,187	25,469
	August 2017	4,187	25,469
	September 2017	4,187	25,469
	October 2017	4,187	25,469
	November 2017	4,187	25,469
	December 2017	4,187	25,469
	January 2018	4,187	25,469
	February 2018	4,187	25,469
	March 2018	4,187	25,469
	April 2018	4,187	25,469
	May 2018	4,187	25,469
	June 2018	4,187	25,469
	TOTAL _	50,244	305,628
	_		

Authorized GR-2010-0363

Ameren Missouri Pension and OPEB Tracker Amortization For the Year Ended June 30, 2018 Updated through True-Up May 31, 2019

Account Description 254-TRP/NTP Pension Current Balance 254-TRO/NTO OPEB Current Balance	Total	Balance at 06/30/2018 06/30/2018 90,207 (1) (2,071,332) (1) Total (1,981,125)	Activity thru 05/31/2019 (1,367,609) (607,934)	Balance at 05/31/2019 (1,277,402) ⁽²⁾ (2,679,266) (3,956,668)	Total Amortization Life 5 years 5 years	Pro Forma Amortization Annualized (255,480) (535,853)	Test Year July 2017 - June 2018 Amortization Actual	Pro Forma Amortization Adjustment (255,480) (535,853)
								Decrease to O&M

⁽¹⁾ Per Pension and OPEB Regulatory Asset (Liability) per GLBI (2) Per Rate Base_Pension and OPEB Liability

Ameren Missouri Nonqualified Pension Adjustment Based Upon 2019 Towers Watson Expense

	Non-Qualified	Pension	
	AMS	UEC	
Total Company - Nonqualified	204.000	404 000	
Service Costs	201,000	421,000	
% O&M	61.28%	66.87%	
	123,173	281,523	
Non-Service Costs	427,000	890,000	
	550,173	1,171,523	
% Gas	4.14%	4.14%	
Gas Expense	22,777	48,501	
% UEC	44.30%	100.00%	
Total	10,090	48,501	58,591
Test Year Expense	9,173	44,121	53,294
Adjustment	917	4,380	5,297

Twelve Months Ended June 30, 2018 Non-Qualified Pension Plan Costs Ameren Missouri

		Actual	Expense	645	620	628	623	641	591		187	186	189	184	183	350		099	646	299	654	652	867	9,173	
	Plan		Gas %	4.1%	4.1%	4.1%	4.1%	4.1%	4.1%		4.1%	4.1%	4.1%	4.1%	4.1%	4.1%		4.1%	4.1%	4.1%	4.1%	4.1%	4.1%	I	
AMS allocated to UEC	ied Pension		0&M %	67.5%	66.1%	66.2%	%0.99	67.3%	65.5%	Service Cost Only	80.09	60.89%	29.99%	59.46%	59.34%	61.21%	e Cost Only	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
AMS alloca	Actual Non-Qualified Pension Plan		UEC%	44.8%	44.0%	44.5%	44.3%	44.7%	42.3%	Service (44.7%	43.8%	45.2%	44.3%	44.2%	45.0%	Non-Service Cost Only	44.7%	43.8%	45.2%	44.3%	44.2%	45.0%		
	∢			52,000	52,000	52,000	52,000	52,000	52,000		17,000	17,000	17,000	17,000	17,000	31,000		36,000	36,000	36,000	36,000	36,000	47,000		
	Plan		Actual Expense	3,231	3,177	2,899	2,940	3,036	3,145		972	940	949	926	226	1,711		3,034	3,034	3,034	3,034	3,034	4,018	44,121	
rect	d Pension Plan		Gas %	4.1%	4.1%	4.1%	4.1%	4.1%	4.1%		4.1%	4.1%	4.1%	4.1%	4.1%	4.1%		4.1%	4.1%	4.1%	4.1%	4.1%	4.1%	II	
UEC dire	Actual Non-Qualified		0&M %	71.0%	69.8%	63.7%	64.6%	%2'99	69.1%	st Only	67.76%	65.52%	66.12%	66.59%	68.05%	68.43%	Cost Only	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
	Actual N			111,000	111,000	111,000	111,000	111,000	111,000	Service Cost Only	35,000	35,000	35,000	35,000	35,000	61,000	Non-Service Cost Only	74,000	74,000	74,000	74,000	74,000	000'86		
				July 2017	August 2017	September 2017	October 2017	November 2017	December 2017		January 2018	February 2018	March 2018	April 2018	May 2018	June 2018		January 2018	February 2018	March 2018	April 2018	May 2018	June 2018		

0&M % Sources:

July 2017 - December 2017 from: Rate Base_Pension and OPEB Reg Liability January 2018 - June 2018;

Service Costs - Allocation Percent from: Allocation Percent - O&M Non-Service Costs - 100% O&M

From: Rate Base_Pension and OPEB Reg Liability

From: Rate Base_Pension and OPEB Reg Liability

Ameren Missouri - TRUE UP SUMMARY 05-31-2019 - FINAL

UEC%

LMM-S1-80

Ameren Corporation

Pension Liability Allocations by Company Shown as Pretax (Increase)/Decrease to Liability (in \$ thousands)

Revised as of January 25, 2019

	<u>UEC</u>	<u>AMS</u>
Qualified Plan		
Current Liability Noncurrent Liability Net Amount Recognized	(160,084) (160,084)	(76,669) (76,669)
Estimated 2019 Expense Estimated Monthly Expense	(3,029) (252)	(1,450) <i>(121)</i>
Estimated 2019 Service Cost Estimated Monthly Service Cost	(36,887) (3,074)	(17,667) (1,472)
Nonqualified Plan		
Current Liability Noncurrent Liability Net Amount Recognized	(1,177) (13,307) (14,484)	(563) (6,373) (6,936)
Estimated 2019 Expense Estimated Monthly Expense	(1,311) <i>(109)</i>	(628) (52)
Estimated 2019 Service Cost Estimated Monthly Service Cost	(421) <i>(35)</i>	(201) <i>(17)</i>

Ameren Missouri Estimated Rate Case Expenses 2018 - 2019 Gas Rate Case Filing

Voucher Number Ad	pot Consciption	Year-	Estimated	Actual
Number Ac	cct Description	Month	Cost	Cost
Out	side Legal			
Brydon, Swearengen & Engla	and P.C. (Dean Cooper & Russ Mitten)	\$ 500,000	
003491766	928	201810		\$ 968
003522873	928	201811		2,236
003546174	928	201812		14,405
003580543	928	201901		18,770
003617812	928	201903		22,489
003622707	928	201903		13,008
003658811	928	201904		16,598
00'3687765	928	201905		10,385
Total Outside Leg	al		500,000	98,857
Other C	Outside Experts			
ROE Expert (Robert Hevert, 5	ScottMadden Inc.)		100,000	
003546175	928	201812		17,589
003622706	928	201903		15,800
Depreciation Study (John We	idmayer - Gannett Flemming)		48,000	
003591701	928	201902		3,740
003634924	928	201903		795
003672507	928	201904		1,543
Rebuttal Witnesses			200,000	
Total Other Outsid	de Experts		348,000	39,466
E	xpenses			
Outside Clerical Support (e.g.	binders, copies, deliveries, etc.)		50,000	
Other Outside Support				
Concentric			-	
003582734		201901		3,950
PriceWaterhouseCoopers				
003651600	928	201904		40,000
Travel Expenses			50,000	
Tom Byrne				
003543537	928	201812		8
Jermaine Grubbs				
003593657	928	201902		33
003645446	928	201904		55
Laura Moore				
003557134	928	201812		60
003645532	928	201904		107
Panera Bread				
003505937	928	201810		211
Total Expenses			100,000	44,423
Total Rate Case Expenses			\$ 948,000	\$ 182,746

07/09/2019

AMEREN MISSOURI MISSOURI GAS OPERATIONS TAXES OTHER THAN INCOME TAXES 12 MONTHS ENDED 05/31/2019

PER BOOKS	\$ 1,551,115 (513,192) 8,114	1,046,037	GAS ACCRUAL GAS 7,748,784 GAS ENUE 6,677,883 EVENUE 49,473
DESCRIPTION:	FEDERAL: SOCIAL SECURITY ACCRUAL LESS: SOCIAL SECURITY CAPITALIZED FEDERAL UNEMPLOYMENT ACCRUAL LESS: FEDERAL UNEMPLOYMENT CAPITALIZED	TOTAL FEDERAL TAXES	MISSOURI: MISSOURI UNEMPLOYMENT ACCRUAL LESS: MISSOURI UNEMPLOYMENT CAPITALIZED LESS: OTHER UNEMPLOYMENT CAPITALIZED MISSOURI CORPORATE FRANCHISE ACCRUAL PLUS: GEN. FAC. CORP. FRAN. TAX ALLOC. TO MO. GAS MISSOURI REAL ESTATE AND PERSONAL PROPERTY ACCRUAL PLUS: GEN. FAC. REAL ESTATE TAX ALLOC. TO MO. GAS LESS: MISSOURI RE AND PP TAX CAPITALIZED OTHER STATES REAL ESTATE TAXES (STORED GAS) MISSOURI GROSS RECEIPTS ACCRUAL - BILLED REVENUE MISSOURI GROSS RECEIPTS ACCRUAL - UNBILLED REVENUE

Pico Data	Bin Data: 6117/40 1-11 DM														
File Name:															
Corp	UEC														
Product	MOG		:												
Category	[(All)			"urront V.	Current Vear Expense De	co Dotaile									
Function	(Al)		_	onielli i	פמו באףפון	se Details									
Tax Type	Description	Vintage	June	July	August	September	October	November	December	Sanuary	February	March	April	May	Year To Date
FICA	Soc Sec & Med (#408-010)	2019	00:00	00:0	00:0	00.0	00.00	00.00	0.00	136,574.36	136,443.99	154,389.28	110,267.17	127,012.53	664,687.33
		2018	110,393.67	109,348.89	124,279.91	144,147.21	117,286.87	142,991.06	137,979.84	00:00	00'0	00:0	00.0	00:00	886,427.45
		2019	00:0	00:0	00:0	00:00	00.0	00'0	00:0	(48,478.00)	(39,539.46)	(28.842.00)	(44.679.02)	(43.970.11)	(205,508.59)
	Soc Sec & Med Capitalized (#408-010	2018	(37,119.00)	(46,522.00)	(55.434.00)	(44,800.15)	(45,688.00)	(38,274.00)	(39,846,00)	00:00	00:0	00:00	00:0	00:0	(307,583.15)
FICA Total			73,274.67	62,826.89	68,845.91	99,347.06	71,598.87	104,717.06	98,133.84	88,096.36	96,904.53	125,547.28	65,588.15	83,042.42	1,037,923.04
FUTA	Federal Unemp (#408-010)	2019	00:0	00:0	0.00	00:00	00:00	00:00	00:00	6,604.14	522.57	232.86	96.26	70.93	7,526.76
		2018	144.83	108:00	80.51	54.79	41.67	95.90	59.21	00:00	00'0	00:00	00:00	00:00	16:985
FUTA Total			144.83	108.00	80.51	54.79	41.67	97.90	59.21	6,604.14	257.57	232.86	96.26	70.93	8,113.67
Gross Rec	Unbilled Variation (#408-012)	2019	00:0	00:00	00:0	00:00	0.00	0.00	0.00	222,687.00	(85,302.00)	(212,900.00)	(331,480.00)	(49,828.00)	(456.823.00)
		2018	(22,542.00)	(21.948.00)	(30,669 00)	(17,559.00)	121,251.00	451,959.00	25,804.00	00.00	00:0	00:00	0.00	0.00	506,296.00
Gross Rec Total	7		(22,542.00)	(21,948.06)	(30,669,00)	(17,559.00)	121,251.00	451,959.00	25,804.00	222,687.00	(85,302.00)	(212,900.00)	(331,480.00)	(49,828.00)	49,473.00
MUNI-MO	Muni-Mo Gas (#408-012)	2019	00:0	00:00	00:0	00:00	0.00	0.00	0.00	974,449.55	1,095,942.56	995,441.37	595,570.86	359,652.86	4,021,057.20
		2018	266,219.37	244,286.89	241,294.00	244,731.10	268,834.55	508,871.16	884,332.13	0.00	(1,055,78)	00.0	0.00	00:0	2,657,513.42
		2017	00:00	(687.93)	00:0	00:00	0.00	0.00	00:00	00'0	00'0	00'0	00:0	00:00	(687.93)
MUNI-MO Total			266,219.37	243,598.96	241,294.00	244,731.10	268,834.55	508,871.16	884,332.13	974,449.55	1,094,886.78	995,441.37	595,570.86	359,652.86	6 677,882.69
Pprop-KS	KS PP-Stored Gas (#408-011)	2019	0.00	00:00	00:0	00:00	0.00	0:00	00:00	24,583.00	24,583.00	24,583.00	24,583.00	24,583.00	122,915.00
		2018	18,667.00	18,667.00	18,667.00	18,666.00	18,666.00	18,666.00	34,285.56	00:00	00:00	00:00	00:00	00:00	146,284.56
Pprop-KS Total			18,667.00	18,667.00	18,667.00	18,666.00	18,666.00	18,666.00	34,285.56	24,583.00	24,583.00	24,583.00	24,583.00	24,583.00	269,199.56
PProp-OK	OK PP-Stored Gas (#408-011)	2019	0.00	00'0	0.00	00:0	00:0	00:0	00:00	833.00	833.00	833.00	833.00	833.00	4,165.00
		2018	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	(12,426.00)	0.00	00.0	00:00	00:00	00:00	0.00	(3.676.00)
PProp-OK Total			1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	(12,426.00)	00:00	833.00	833.00	833.00	833.00	833.00	489.00
Pprop-WV	WV PP-Stored Gas (#408-011)	2018	00:0	00'0	0.00	00:00	00.0	0.00	0.00	0.00	00'0	0.00	0.00	0.00	0.00
		2017	00.0	11.107.11	0.00	00.00	00'0	00:0	00.00	00.00	00:0	00.00	0.00	0.00	1, 107, 11
Pprop-WV Total			00:0	1,107.11	00:0	00.00	00:0	00:0	00.0	00.00	00'0	00.00	0.00	000	1,107,11
Rprop-MO	MO RE & PP Allocated (#408-011)	2018	00:00	00:00	0:00	00:00	0.00	0.00	122,660.00	00:00	00'0	0.00	0.00	0.00	122,660.00
	MO RE (#408-011)	2019	00:00	00:00	00:00	00:0	00:0	0.00	00.00	690,833.00	690,833.00	690,833.00	690,833.00	690,833.00	3,454,165.00
		2018	675,000.00	675,000.00	675,000.00	675,000.00	675,000.00	675,000.00	896,802.85	00:0	(149,193.58)	00:00	00:00	(309,781,23)	4,487,828.04
		2017	00:00	00:00	00:00	(193,208.67)	0.00	0.00	00.00	0.00	00'0	00:00	00:00	00:0	(193,208.67)
Rprop-MO Total			675,000.00	675,000.00	675,000.00	481,791.33	675,000.00	675,000.00	1,019,462.85	690,833.00	541,639.42	690,833.00	690,833.00	381,051.77	7,871,444.37
SCF-MO	MO Corp Fran (#408-013)	2019	00:00	00:0	00:0	0.00	0.00	0:00	00:00	2,605.00	2,605.00	2,605.00	2,605.00	2,605.00	13,025.00
		2018	00'0	00:00	00:0	0.00	0.00	00:0	00:00	00:0	00:00	(2,819.00)	00.00	00.0	(2,819.00)
MO Corp Franchise Total	hise Total		00.00	00:00	00:00	00:0	0:00	00:0	0000	2,605.00	2,605.00	(214.00)	2,605.00	2,605.00	10,206.00
Grand Total			1,012,513.87	981,109.96	974,968.42	828,781.28	1,157,142.09	1,746,885.12	2,062,077.59	2,010,691.05	1,676,672.30	1,624,356.51	1,048,629.27	802,010.98	15,925,838.44