

Exhibit No.: 004  
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**

**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 Missouri" or "Company"), One Ameren Plaza, 1901 Chouteau Avenue, St.  
4 Louis, Missouri 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 Counsel ("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 operations. 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.

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

7 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.

11 **Q. Is this solution appropriate?**

12 A. No. These are legitimate gas costs that should be included in the Company's  
13 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  
20 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  
22 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?**

2           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  
18 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  
20 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  
22 in Account 254 and the reduction in ADIT, which were recorded as a result of the tax rate  
23 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.

3 **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  
10 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  
15 requirement by approximately \$180,000 and \$69,000 for removal of the Company's costs  
16 for the Board of Directors.

17 **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  
20 discussed by Mr. Sagel, the adjustment amounts are incorrect. I will address the incorrect  
21 amounts proposed by Mr. Schallenberg.

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  
22 the electric business. Mr. Schallenberg applied an incorrect estimated allocation factor to  
23 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  
10 amounts included in the \$180,000. The \$180,000 should be adjusted to approximately  
11 \$104,000 to correct for the issues I explained above. Again, the Company does not believe  
12 any adjustment is needed for these expenses as discussed by Mr. Sagel.

13 **V. TRUE UP INFORMATION**

14 **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.

20 **Q. For which items did the Company previously provide updated data?**

21 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  
23 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.



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

at 5/31/2019:

<b>CAPITAL COMPONENT</b>	<b>AMOUNT</b>	<b>PERCENT OF TOTAL</b>	<b>COST</b>	<b>WEIGHTED COST</b>
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%
<b>TOTAL</b>	<b>\$8,073,055,592</b>	<b>100.000%</b>		<b>7.584%</b>

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

FERC ACCT	ORIGINAL COST AT 05/31/2019 (1)	REMOVE ARO ASSETS (2)	ADJUSTED TRUE-UP AT 05/31/2019 (3)=(1)+(2)	ALLOCATE TO GAS (4)	DISALLOW INC COMP (5)	TOTAL PRO FORMA ADJMTS (6)=(4)+(5)	PRO FORMA BALANCE (7)=(3)+(6)
<b><u>Intangible Plant</u></b>							
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	-	4,143,542	7,001,585	-	7,001,585	11,145,127
<b><u>Production Plant</u></b>							
304	-	-	-	-	-	-	-
305	-	-	-	-	-	-	-
311	-	-	-	-	-	-	-
<b><u>Transmission Plant</u></b>							
365	119,532	-	119,532	-	-	-	119,532
366	-	-	-	-	-	-	-
367	5,465,985	-	5,465,985	-	-	-	5,465,985
369	40,900	-	40,900	-	-	-	40,900
	5,626,417	-	5,626,417	-	-	-	5,626,417
<b><u>Distribution Plant</u></b>							
374	2,431,941	-	2,431,941	-	-	-	2,431,941
375	184,148	-	184,148	-	-	-	184,148
376	278,676,350	-	278,676,350	-	-	-	278,676,350
378	6,019,938	-	6,019,938	-	-	-	6,019,938
379	694,105	-	694,105	-	-	-	694,105
380	136,762,847	-	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	-	-	-	466,786,828
<b><u>General Plant</u></b>							
389	2,307,982	-	2,307,982	326,260	-	326,260	2,634,242
390	9,739,174	-	9,739,174	7,362,472	-	7,362,472	17,101,646
391	467,653	-	467,653	1,153,692	-	1,153,692	1,621,345
391-Fully Accrued	21,614	-	21,614	-	-	-	21,614
391-001	-	-	-	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	-	-	-	10,136	-	10,136	10,136
394	2,426,544	-	2,426,544	252,199	-	252,199	2,678,743
394-Fully Accrued	1,199,101	-	1,199,101	-	-	-	1,199,101
395	88,272	-	88,272	13,375	-	13,375	101,647
395-Fully Accrued	8,605	-	8,605	-	-	-	8,605
396	3,486,933	-	3,486,933	-	-	-	3,486,933
397	875,182	-	875,182	-	-	-	875,182
397-Fully Accrued	409,414	-	409,414	-	-	-	409,414
398	3,336	-	3,336	35,705	-	35,705	39,041
	30,561,356	-	30,561,356	10,780,433	-	10,780,433	41,341,789
<b><u>INCENTIVE COMPENSATION CAPITALIZED</u></b>							
ICC Adj.	-	-	-	-	(1,264,171)	(1,264,171)	(1,264,171)
<b><u>Total Gas Plant in Service</u></b>							
	507,118,142	-	507,118,142	17,782,018	(1,264,171)	16,517,847	523,835,989

**AMEREN MISSOURI  
GAS PLANT-IN-SERVICE**

FERC Acct	Balance as of June 30, 2018	Balance as of May 31, 2019
<b><u>Intangible Plant</u></b>		
303	-	4,143,542
303 - Alloc fm Elect Plant	-	-
	<u>-</u>	<u>4,143,542</u>
<b><u>Production Plant</u></b>		
304	-	-
305	-	-
311	-	-
	<u>-</u>	<u>-</u>
<b><u>Transmission Plant</u></b>		
365	119,532	119,532
366	-	-
367	5,411,148	5,465,985
369	40,900	40,900
	<u>5,571,580</u>	<u>5,626,417</u>
<b><u>Distribution Plant</u></b>		
374	2,381,056	2,431,941
375	184,148	184,148
376	264,868,251	278,676,350
378	5,541,411	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	-	-
	<u>446,690,771</u>	<u>466,786,828</u>
<b><u>General Plant</u></b>		
389	2,387,770	2,307,982
390	9,760,224	9,739,174
391	469,095	467,653
391-Fully Accrued	19,424	21,614
391-001	-	-
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	875,100	875,182
397-Fully Accrued	505,828	409,414
398	3,336	3,336
	<u>28,490,441</u>	<u>30,561,356</u>
<b><u>INCENTIVE COMPENSATION CAPITALIZED</u></b>		
ICC Adj.	-	-
<b><u>Total Gas Plant in Service</u></b>		
	<u>480,752,792</u>	<u>507,118,142</u>

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

FERC Acct	RESERVE BALANCE AT 05/31/2019 (1)	REMOVE ARO ASSETS (2)	ADJUSTED RESERVE BALANCE AT 05/31/2019 (3)=(1)+(2)	ALLOCATE TO GAS (4)	DISALLOW INC INCENTIVE COMP (5)	PRO FORMA BALANCE (6)=(3)+(4)+(5)
<b><u>Intangible Plant</u></b>						
303	406,494	-	406,494	-	-	406,494
303 - Alloc fm Elect Plant	-	-	-	3,070,723	-	3,070,723
	406,494	-	406,494	3,070,723	-	3,477,217
<b><u>Production Plant</u></b>						
304	-	-	-	-	-	-
305	(19,504)	-	(19,504)	-	-	(19,504)
311	(759,970)	-	(759,970)	-	-	(759,970)
	(779,474)	-	(779,474)	-	-	(779,474)
<b><u>Transmission Plant</u></b>						
365	-	-	-	-	-	-
366	3,497	-	3,497	-	-	3,497
367	2,902,332	-	2,902,332	-	-	2,902,332
369	35,461	-	35,461	-	-	35,461
	2,941,289	-	2,941,289	-	-	2,941,289
<b><u>Distribution Plant</u></b>						
374	2,143	-	2,143	-	-	2,143
375	28,012	-	28,012	-	-	28,012
378	95,879,463	-	95,879,463	-	-	95,879,463
378	2,171,458	-	2,171,458	-	-	2,171,458
379	207,389	-	207,389	-	-	207,389
380	73,367,950	-	73,367,950	-	-	73,367,950
381	2,734,090	-	2,734,090	-	-	2,734,090
383	5,059,505	-	5,059,505	-	-	5,059,505
385	586,480	-	586,480	-	-	586,480
387	(5,558)	-	(5,558)	-	-	(5,558)
	180,030,931	-	180,030,931	-	-	180,030,931
<b><u>General Plant</u></b>						
389	-	-	-	-	-	-
390	960,211	-	960,211	2,612,326	-	3,572,531
391	61,555	-	61,555	409,348	-	470,903
391-Fully Accrued	21,614	-	21,614	-	-	21,614
391-001	-	-	-	34,669	-	34,669
391-002	384,076	-	384,076	542,471	-	926,547
391-002-Fully Accrd	141,481	-	141,481	-	-	141,481
392	3,955,726	-	3,955,726	-	-	3,955,726
393	(1,579)	-	(1,579)	3,596	-	2,017
394	784,594	-	784,594	89,484	-	874,078
394-Fully Accrued	1,199,101	-	1,199,101	-	-	1,199,101
395	27,100	-	27,100	4,746	-	31,846
395-Fully Accrued	8,605	-	8,605	-	-	8,605
396	1,143,330	-	1,143,330	-	-	1,143,330
397	314,155	-	314,155	-	-	314,155
397-Fully Accrued	409,414	-	409,414	-	-	409,414
398	817	-	817	12,689	-	13,486
	9,410,199	-	9,410,199	3,709,303	-	13,119,502
<b><u>INCENTIVE COMPENSATION CAPITALIZED</u></b>						
ICC Adj.	-	-	-	-	(376,969)	(376,969)
<b><u>Total Gas Depreciation Reserve</u></b>						
	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
<b><u>Intangible Plant</u></b>		
303	-	406,494
303 - Alloc fm Elect Plant	-	-
	<u>-</u>	<u>406,494</u>
<b><u>Production Plant</u></b>		
304	-	-
305	511,012	(19,504)
311	(759,970)	(759,970)
	<u>(248,958)</u>	<u>(779,474)</u>
<b><u>Transmission Plant</u></b>		
365	-	-
366	3,497	3,497
367	2,835,976	2,902,332
369	34,628	35,461
	<u>2,874,101</u>	<u>2,941,289</u>
<b><u>Distribution Plant</u></b>		
374	2,143	2,143
375	(505,947)	28,012
376	90,811,580	95,879,463
378	2,049,325	2,171,458
379	193,264	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)
	<u>171,114,705</u>	<u>180,030,931</u>
<b><u>General Plant</u></b>		
389	-	-
390	837,942	960,211
391	42,416	61,555
391-Fully Accrued	19,424	21,614
391-001	-	-
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	505,828	409,414
398	817	817
	<u>8,314,269</u>	<u>9,410,199</u>
<b><u>INCENTIVE COMPENSATION CAPITALIZED</u></b>		
ICC Adj.	-	-
	<u>-</u>	<u>-</u>
<b><u>Total Gas Plant in Service</u></b>		
	<u>182,054,118</u>	<u>192,009,439</u>

asset_id	company	ldg_description	in_service	ye_sub	accnt	ldg_work	Allocation	Elect%	Gas%	gl_posting	mo_yr	int_life	remaining	current_value	ending_reserve	Elect Plant	Elect Rev	Gas Plant	Gas Rev	Gas Depr
33910624	UEC-Union OPPI Project	Justifcatio	01/01/2017	21-MOCCO	1300005-S	J05J0	#N/A	100.00%	0.00%	05/01/2019	00	60	23	8.59	5.40	8.59	5.40			
24650760	UEC-Union Software	24650760	02/01/2016	50-MERAA	1300005-S	16844	#N/A	100.00%	0.00%	05/01/2019	00	60	0	213,894.55	213,894.55	213,894.55	213,894.55			
24651434	UEC-Union Work Order	24651434	06/01/2007	53-SIOUX	1300005-S	16573	#N/A	100.00%	0.00%	05/01/2019	00	60	0	175,699.00	175,699.00	175,699.00	175,699.00			
24649304	UEC-Union Optimization Software	24649304	12/01/2011	58-LABAD	1300005-S	25532	#N/A	100.00%	0.00%	05/01/2019	00	60	0	866,718.95	866,718.95	866,718.95	866,718.95			
24648854	UEC-Union CTG Monitoring Software	24648854	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	6,692.15	6,692.15	6,692.15	6,692.15			
24648754	UEC-Union Work Order	24648754	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	2,507.67	2,507.67	2,507.67	2,507.67			
24648950	UEC-Union Work Order	24648950	02/01/2009	62-GENEF	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	2,926.86	2,926.86	2,926.86	2,926.86			
32582570	UEC-Union Work Order	32582570	04/01/2016	20-CORPK	1300010-S	J06LR	#N/A	91.47%	8.53%	05/01/2019	00	120	83	2,093,399.02	662,909.73	1,914,832.08	606,363.53	178,566.94	56,546.20	17,641.55
24649873	UEC-Union Work Order	24649873	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	2,926.86	2,926.86	2,926.86	2,926.86			
35875948	UEC-Union AOMS Enhancements 17	35875948	02/01/2019	21-MOCCO	1300005-S	J063H	U035	100.00%	0.00%	05/01/2019	00	60	53	64,213.00	6,561.75	64,213.00	6,561.75			
36021532	UEC-Union AOMS Enhancements 18	36021532	02/01/2019	21-MOCCO	1300005-S	J063Z	U043	90.34%	9.66%	05/01/2019	00	60	43	3,775.00	743.56	3,410.34	364.67	71.83	81.72	
35527259	UEC-Union Dynamics - UEC	35527259	01/01/2018	21-MOCCO	1300005-S	J063K	U081	95.85%	4.15%	05/01/2019	00	60	55	349,001.89	34,900.20	334,518.31	33,451.84	1,448.36	2,844.05	0.51
35747599	UEC-Union 2017 Customer Experi	35747599	01/01/2018	21-MOCCO	1300005-S	J063N	U031	90.34%	9.66%	05/01/2019	00	60	43	60,525.27	17,544.02	60,525.27	17,544.02			
34019024	UEC-Union Mobile Time Capture Enh	34019024	02/01/2018	21-MOCCO	1300005-S	J063P	U060	100.00%	0.00%	05/01/2019	00	60	55	1,375.16	515.10	1,375.16	515.10			
35876979	UEC-Union CSS Sys of Integration 21	35876979	03/01/2019	21-MOCCO	1300005-S	J063R	U075	90.34%	9.66%	05/01/2019	00	60	55	11,450.45	504.11	10,200.33	455.26	497.59	49.76	97.71
34479440	UEC-Union Customer Experience UE	34479440	12/01/2016	21-MOCCO	1300005-S	J063S	U025	90.36%	9.64%	05/01/2019	00	60	31	475,916.45	237,958.22	430,038.10	215,019.05	45,878.35	22,929.17	8,879.68
35274598	UEC-Union Enhanced Service Order	35274598	12/01/2018	21-MOCCO	1300005-S	J063R	U080	90.31%	9.69%	05/01/2019	00	60	55	573,640.05	57,364.02	518,054.33	51,805.45	55,568.72	5,568.57	10,915.01
35274598	UEC-Union Enhanced Service Order	35274598	12/01/2018	21-MOCCO	1300005-S	J063R	U080	96.22%	3.76%	05/01/2019	00	60	55	2,933.00	293.28	2,822.13	282.19	110.67	21.77	
36021752	UEC-Union CSS Sys of Record 2018	36021752	03/01/2019	21-MOCCO	1300005-S	J063R	U059	90.34%	9.66%	05/01/2019	00	60	55	2,170.00	217.00	1,960.38	196.05	209.62	20.96	41.16
32829954	UEC-Union Work Order	32829954	04/01/2019	21-MOCCO	1300005-S	J063R	U059	100.00%	0.00%	05/01/2019	00	60	0	213,510.80	213,510.80	213,510.80	213,510.80			
32829954	UEC-Union Work Order	32829954	04/01/2019	21-MOCCO	1300005-S	J063R	U059	96.28%	3.74%	05/01/2019	00	60	12	1,994,469.31	1,628,816.61	1,919,876.16	1,567,898.78	74,593.15	60,917.74	13,675.41
35527465	UEC-Union Safety 1 Source Enhance	35527465	12/01/2018	21-MOCCO	1300005-S	J063R	U053	96.22%	3.76%	05/01/2019	00	60	55	391,683.10	39,168.30	376,877.48	37,607.74	14,805.62	1,480.56	2,907.29
33632390	UEC-Union Cust Exp CSI UEC 2017	33632390	12/01/2017	21-MOCCO	1300005-S	J063K	J00DK	90.34%	9.65%	05/01/2019	00	60	43	471,236.02	141,025.80	425,714.62	127,402.71	45,521.40	13,623.09	8,901.85
32829958	UEC-Union Work Order	32829958	07/10/2012	21-MOCCO	1300010-S	J063K	27135	100.00%	0.00%	05/01/2019	00	120	38	(173,046.50)	(173,046.50)	(119,690.47)	(119,690.47)			
24649338	UEC-Union Work Order	24649338	02/01/2012	5A-GENEF	1300010-S	25945	#N/A	100.00%	0.00%	05/01/2019	00	60	0	429,081.28	429,081.28	429,081.28	429,081.28			
24649669	UEC-Union Work Order	24649669	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	1,517,637.57	1,517,637.57	1,517,637.57	1,517,637.57			
24650298	UEC-Union Remote Start System	24650298	01/01/2004	72-MERAA	1300005-S	14146	#N/A	100.00%	0.00%	05/01/2019	00	60	0	237,310.73	237,310.73	237,310.73	237,310.73			
36021748	UEC-Union Software Automation & R	36021748	03/01/2019	20-CORPK	1300005-S	J062Z	U065	90.31%	9.69%	05/01/2019	00	60	55	1,462.00	368.51	1,320.33	330.09	141.67	35.42	27.72
34475892	UEC-Union Work Order	34475892	12/01/2016	20-CORPK	1300005-S	J063K	U019	100.00%	0.00%	05/01/2019	00	60	32	1,494.11	149.41	1,461.25	143.63	57.75	56.48	113.51
32675724	UEC-Union Trade Floor & Mktg Ware	32675724	06/01/2017	20-CORPK	1300005-S	J063K	U019	100.00%	0.00%	05/01/2019	00	60	0	464,588.63	232,294.28	419,802.29	209,901.11	44,786.34	22,393.17	8,668.33
35757871	UEC-Union SB 564 MO Solar Releas	35757871	01/01/2019	20-CORPK	1300005-S	J063K	U019	100.00%	0.00%	05/01/2019	00	60	55	97,421.71	8,118.48	97,421.71	8,118.48			
35757871	UEC-Union SB 564 MO Solar Releas	35757871	01/01/2019	20-CORPK	1300005-S	J063K	U019	96.22%	3.76%	05/01/2019	00	60	55	37,364.62	3,736.45	35,952.24	3,595.21	1,412.38	141.24	277.34
35757871	UEC-Union SB 564 MO Solar Releas	35757871	01/01/2019	20-CORPK	1300005-S	J063K	U019	90.31%	9.69%	05/01/2019	00	60	55	14,122.80	2,118.42	13,561.29	2,034.19	84.23	110.14	
35527554	UEC-Union Digital Billing & Payment	35527554	01/01/2019	20-CORPK	1300005-S	J062W	U073	96.22%	3.76%	05/01/2019	00	60	55	253,326.26	25,332.26	228,757.63	22,875.76	24,545.02	4,819.75	
35529318	UEC-Union UEC Oracle Unifier ULA	35529318	12/01/2018	20-CORPK	1300005-S	J063L	U082	95.85%	4.15%	05/01/2019	00	60	53	403,308.49	53,774.48	386,571.19	51,542.84	16,737.30	2,231.64	3,284.30
36020685	UEC-Union Work Order	36020685	03/01/2019	20-CORPK	1300005-S	J062P	U058	96.22%	3.76%	05/01/2019	00	60	58	520,799.39	25,457.40	501,113.17	24,495.11	19,686.22	962.29	3,673.92
32579590	UEC-Union Work Order	32579590	04/01/2016	20-CORPK	1300005-S	J062Z	U058	100.00%	0.00%	05/01/2019	00	60	31	792,571.00	528,990.70	761,026.67	507,355.15	19,686.22	962.29	3,673.92
24642633	UEC-Union Work Order	24642633	12/01/2016	20-CORPK	1300005-S	J062Z	J09N5	100.00%	0.00%	05/01/2019	00	60	0	337,418.52	337,418.52	337,418.52	337,418.52			
24649147	UEC-Union Work Order	24649147	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	2,509.56	2,509.56	2,509.56	2,509.56			
24649147	UEC-Union Work Order	24649147	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	6,692.15	6,692.15	6,692.15	6,692.15			
24649147	UEC-Union Work Order	24649147	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	2,926.86	2,926.86	2,926.86	2,926.86			
24649147	UEC-Union Work Order	24649147	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	147,552.43	147,552.43	147,552.43	147,552.43			
24649147	UEC-Union Work Order	24649147	02/01/2009	72-MERAA	1300005-S	16566	#N/A	100.00%	0.00%	05/01/2019	00	60	0	180,362.68	180,362.68	180,362.68	180,362.68			
24650623	UEC-Union Work Order	24650623	07/01/2009	65-CALLA	1300005-S	25113	#N/A	100.00%	0.00%	05/01/2019	00	60	0	244,867.60	244,867.60	244,867.60	244,867.60			
24648544	UEC-Union BALANCE RECORD	24648544	01/01/2005	65-CALLA	1300005-S	01000	#N/A	100.00%	0.00%	05/01/2019	00	60	0	219,849.20	219,849.20	219,849.20	219,849.20			
35877283	UEC-Union Work Order	35877283	02/01/2019	65-CALLA	1300005-S	J062Z	#N/A	100.00%	0.00%	05/01/2019	00	60	55	93,680.07	9,367.99	93,680.07	9,367.99			
24649338	UEC-Union Software	24649338	01/01/2003	65-CALLA	1300005-S	11283	#N/A	100.00%	0.00%	05/01/2019	00	60	0	59,006.50	59,006.50	59,006.50	59,006.50			
36021310	UEC-Union Electronic Work Package	36021310	03/01/2019	65-CALLA	1300005-S	J062Z	#N/A	100.00%	0.00%	05/01/2019	00									



Asset ID	Company	Log Description	In Service	Yes	Sub	Account	Security	Acc'd	Log	Work	Allocation	Elect %	Gas %	gl_posting_mo_yr	int_life	remaining	current_value	ending_reserve	Elect Plant	Elect Rev	Gas Plant	Gas Rev	Gas Depr
35291645	UEC-Union	ADMIS Enhancements 17-	11/01/2018	21-MOCCO	1300005-S	J063X	U035	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	2,318,787.85	305,560.57	2,318,787.85	305,560.57	(1,766.56)	(176.66)	(346.89)
35076989	UEC-Union	Enhanced Service Order	02/01/2019	21-MOCCO	1300005-S	J063X	U060	0000	05/01/2019	0.00	9.65%	9.65%	4.50%	05/01/2019	0.00	60	1,823,100.00	(1,823.10)	1,823,100.00	(1,823.10)	(16,464.44)	(1,646.44)	8,470.42
32100000	UEC-Union	Work Order Addition	07/01/2014	21-MOCCO	1300005-S	J001G	U003	0000	05/01/2019	0.00	4.50%	4.50%	1.86%	05/01/2019	0.00	60	1,862,316.07	1,862,316.07	1,862,316.07	1,862,316.07	84,704.22	84,704.22	37,088.64
34016928	UEC-Union	Sr Full Scale Test Envr	02/01/2018	21-MOCCO	1300005-S	J001G	U037	0000	05/01/2019	0.00	9.66%	9.66%	30.34%	05/01/2019	0.00	60	523,380.57	523,380.57	523,380.57	523,380.57	472,822.01	472,822.01	50,568.56
29519007	UEC-Union	OPPM Project Justifcabo	05/01/2013	21-MOCCO	1300010-S	J09J0	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	120	62,063.06	62,063.06	62,063.06	62,063.06	189,640.96	189,640.96	37,088.64
32829976	UEC-Union	Work Order Addition	05/01/2013	21-MOCCO	1300010-S	J09J0	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	120	47,170,857.48	2,046,528.28	47,170,857.48	2,046,528.28	2,046,528.28	2,046,528.28	2,046,528.28
35743203	UEC-Union	OPPM Project Justificatio	01/01/2019	21-MOCCO	1300010-S	J09J0	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	120	1,133.88	1,133.88	1,133.88	1,133.88	1,133.88	1,133.88	1,133.88
32830280	UEC-Union	Work Order Addition	02/01/2012	5A-GENEF	1300005-S	J2047	U047	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	109,380.95	109,380.95	109,380.95	109,380.95	109,380.95	109,380.95	109,380.95
24648700	UEC-Union	Work Order Addition	02/01/2009	7P-Pickup	1300005-S	16566	U066	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86
35626574	UEC-Union	Identity Access Mgmt_Cy	12/01/2012	20-CORPC	1300005-S	J0C48	U054	0000	05/01/2019	0.00	3.78%	3.78%	0.00%	05/01/2019	0.00	60	187,950.61	187,950.61	187,950.61	187,950.61	187,950.61	187,950.61	187,950.61
36298690	UEC-Union	Systems of Integrations - L	08/01/2019	20-CORPC	1300005-S	J0K40	U052	0000	05/01/2019	0.00	9.65%	9.65%	0.00%	05/01/2019	0.00	60	6,045,611.39	604,561.13	5,017,067.28	581,706.72	228,524.11	22,852.41	44,873.83
32894212	UEC-Union	eCustomer & Mobile Inve	08/01/2019	20-CORPC	1300005-S	J0K40	U028	0000	05/01/2019	0.00	9.65%	9.65%	0.00%	05/01/2019	0.00	60	24,515.22	1,225.76	24,515.22	1,225.76	1,225.76	1,225.76	1,225.76
36022004	UEC-Union	Switching Manager Enha	03/01/2019	20-CORPC	1300005-S	J0H0L	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	393,255.62	158,894.75	357,073.93	143,545.52	38,181.69	15,349.23	7,405.12
35527444	UEC-Union	Software Automation & R	12/01/2018	20-CORPC	1300005-S	J0G45	U067	0000	05/01/2019	0.00	3.78%	3.78%	0.00%	05/01/2019	0.00	60	50,395.31	4,316.55	50,395.31	4,316.55	4,316.55	4,316.55	4,316.55
35714792	UEC-Union	Digital Usage Product R	01/01/2019	20-CORPC	1300005-S	J0F4X	U066	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	66,436.56	63,925.67	63,925.67	63,925.67	25,113.02	2,511.30	4,931.28
35747529	UEC-Union	Software Automation & R	01/01/2019	20-CORPC	1300005-S	J0G45	U067	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	96.00	22.40	96.00	22.40	22.40	2,511.30	4,931.28
32829922	UEC-Union	Work Order Addition	09/01/2014	20-CORPC	1300005-S	J049T	U047	0000	05/01/2019	0.00	9.67%	9.67%	0.00%	05/01/2019	0.00	60	9,993.77	999.36	9,993.77	999.36	377.76	37.76	74.18
36023390	UEC-Union	Work Order Addition	01/01/2019	20-CORPC	1300005-S	J0C4N	U019	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	625,007.44	625,007.44	625,007.44	625,007.44	564,569.22	564,569.22	60,438.22
36022045	UEC-Union	Analytics Data Lake Desk	06/01/2017	20-CORPC	1300005-S	J0H4J	U019	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	456,330.67	220,569.82	456,330.67	220,569.82	60,438.22	60,438.22	60,438.22
36021838	UEC-Union	Digital Billing & Payment	03/01/2019	20-CORPC	1300005-S	J0H2V	U073	0000	05/01/2019	0.00	4.15%	4.15%	0.00%	05/01/2019	0.00	60	11,905.00	(11,905.00)	(11,905.00)	(11,905.00)	(494.06)	4.75	(108.83)
33914323	UEC-Union	Digital Billing & Payment	01/01/2018	20-CORPC	1300005-S	J0H2V	U073	0000	05/01/2019	0.00	9.65%	9.65%	0.00%	05/01/2019	0.00	60	187,069.58	(78,069.58)	187,069.58	(78,069.58)	(843.70)	(1,656.73)	(1,656.73)
32434233	UEC-Union	Work Order Addition	04/01/2016	20-CORPC	1300005-S	J0K40	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	419,068.18	125,720.46	419,068.18	125,720.46	125,720.46	125,720.46	125,720.46
35775333	UEC-Union	Switching Manager Enha	01/01/2019	20-CORPC	1300005-S	J0H0L	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	597,501.59	418,251.12	575,155.03	402,608.53	402,608.53	402,608.53	402,608.53
35747522	UEC-Union	Subscriber Solar Softwa	01/01/2019	5A-RENE	1300005-S	J0C2D	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	186,705.86	18,670.57	186,705.86	18,670.57	18,670.57	18,670.57	18,670.57
24648403	UEC-Union	BALANCE RECORD	01/01/2005	65-CALLA	1300005-S	14314	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	205,386.74	30,808.00	205,386.74	30,808.00	30,808.00	30,808.00	30,808.00
32531696	UEC-Union	RM-11 Replacement	05/01/2017	65-CALLA	1300005-S	J061R	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	4,225.08	4,225.08	4,225.08	4,225.08	4,225.08	4,225.08	4,225.08
24648403	UEC-Union	BALANCE RECORD	01/01/2005	65-CALLA	1300005-S	14314	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	100,331.32	(14.60)	100,331.32	(14.60)	100,331.32	(14.60)	100,331.32
24648365	UEC-Union	Work Order Addition	11/01/2009	65-CALLA	1300005-S	26205	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	122,090.32	122,090.32	122,090.32	122,090.32	122,090.32	122,090.32	122,090.32
28768133	UEC-Union	Work Order Addition	02/01/2016	65-CALLA	1300005-S	J08HX	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	149,546.14	104,682.31	149,546.14	104,682.31	104,682.31	104,682.31	104,682.31
32830280	UEC-Union	Cyber Security Complian	01/01/2018	65-CALLA	1300005-S	J0H6K	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	138,290.44	16,133.88	138,290.44	16,133.88	16,133.88	16,133.88	16,133.88
32830280	UEC-Union	Cyber Security Complian	01/01/2018	65-CALLA	1300005-S	J0H6K	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	186,667.79	186,667.79	186,667.79	186,667.79	186,667.79	186,667.79	186,667.79
36022045	UEC-Union	System of Employment 5	03/01/2017	65-CALLA	1300005-S	14754	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	116,890.71	5,844.54	116,890.71	5,844.54	5,844.54	5,844.54	5,844.54
35775333	UEC-Union	Simulator Orchid Softwa	08/01/2007	52-OSAGE	1300005-S	19439	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	19,469.75	19,469.75	19,469.75	19,469.75	19,469.75	19,469.75	19,469.75
24650902	UEC-Union	Work Order Addition	08/01/2007	52-OSAGE	1300005-S	19439	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	83,434.88	83,434.88	83,434.88	83,434.88	83,434.88	83,434.88	83,434.88
32830156	UEC-Union	Work Order Addition	02/01/2006	53-SIOUX	1300005-S	16844	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	207,380.82	207,380.82	207,380.82	207,380.82	207,380.82	207,380.82	207,380.82
24643018	UEC-Union	BALANCE RECORD	12/01/2004	5A-TAUM	1300005-S	23512	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	2,494,441.65	2,376,616.07	2,494,441.65	2,376,616.07	2,494,441.65	2,376,616.07	2,494,441.65
24650567	UEC-Union	Work Order Addition	03/01/2006	58-LABAD	1300005-S	19153	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	48,075.82	48,075.82	48,075.82	48,075.82	48,075.82	48,075.82	48,075.82
24650612	UEC-Union	Work Order Addition	03/01/2006	63-RUSH	1300005-S	19153	U060	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	528,947.13	528,947.13	528,947.13	528,947.13	528,947.13	528,947.13	528,947.13
24649030	UEC-Union	CTG Monitoring Software	02/01/2009	72-MERKA	1300005-S	16566	U043	0000	05/01/2019	0.00	0.00%	0.00%	0.00%	05/01/2019	0.00	60	266,470.68	266,470.68	266,470.68	266,470.68	266,470.68	266,470.68	266,470.68
35976736	UEC-Union	System of Employment 5	02/01/2019	21-MOCCO																			

asset_id	company	ldg_description	in_service_yr	accy	accz	ldg_work	Allocation	Elect %	Gas %	gl_posting_mo	yr	int_life	remaining	current_value	ending_reserve	Elect Plant	(1,445,262.45)	(1,445,262.45)	Elect Resv	Gas Plant	Gas Resv	Gas Depr
24648574	UEC-Union SOFTWARE	01/01/2005 65-CALLA 1300005-S 14314	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	(1,445,262.45)	(1,445,262.45)	(1,445,262.45)	(1,445,262.45)					
24648581	UEC-Union BALANCE RECORD	01/01/2005 65-CALLA 1300005-S 01000	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	161,867.43	161,867.43	161,867.43	161,867.43					
35528333	UEC-Union Touanami VR Software	12/01/2018 65-CALLA 1300005-S J0K9V5	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	55	174,081.94	17,408.21	174,081.94	17,408.21					
24648259	UEC-Union SOFTWARE	01/01/2005 65-CALLA 1300005-S 11283	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	61.50	61.50	61.50	61.50					
24648448	UEC-Union BALANCE RECORD	01/01/2005 65-CALLA 1300005-S 14314	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	1,445,262.59	1,445,262.59	1,445,262.59	1,445,262.59					
32030953	UEC-Union Electronic Work Package	01/01/2017 65-CALLA 1300005-S J0BRZ2	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	31	70,553.20	33,350.87	70,553.20	33,350.87					
24648331	UEC-Union SOFTWARE	01/01/2003 65-CALLA 1300005-S 11283	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	371.88	371.88	371.88	371.88					
35060630	UEC-Union Electronic Work Package	09/01/2018 65-CALLA 1300005-S J0C7T7	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	52	1,634,105.38	244,971.40	1,634,105.38	244,971.40					
24648277	UEC-Union Software	03/01/2006 65-CALLA 1300005-S 11283	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	1,927.62	1,927.62	1,927.62	1,927.62					
24648944	UEC-Union Work Order Addition	01/01/2012 65-CALLA 1300005-S 19885	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	396,349.95	396,349.95	396,349.95	396,349.95					
24648313	UEC-Union SOFTWARE	01/01/2005 65-CALLA 1300005-S 11283	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	1,467.92	1,467.92	1,467.92	1,467.92					
24648313	UEC-Union SOFTWARE	01/01/2005 65-CALLA 1300005-S 14314	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	182,136.93	182,136.93	182,136.93	182,136.93					2,186.40
35757936	UEC-Union UEC Sharepoint Site Upd	01/01/2019 21-MOCCO 1300005-S J0K0V4	#N/A	#N/A	#N/A	#N/A	#N/A	95.85%	#N/A	05/01/2019	0.00	60	55	266,543.32	25,073.19	266,543.32	25,073.19					231.53
35022706	UEC-Union CRM KAE Phase 2 and C	09/01/2009 62-OSAGE 1300005-S J0J1F9	#N/A	#N/A	#N/A	#N/A	#N/A	90.31%	#N/A	05/01/2019	0.00	60	58	107,463.74	107,463.74	107,463.74	107,463.74					1,594.99
24648207	UEC-Union Work Order Addition	12/01/2008 52-OSAGE 1300005-S 16569	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	15,022.69	15,022.69	15,022.69	15,022.69					
24648300	UEC-Union Work Order Addition	01/01/2005 53-SHOUX 1300005-S 13643	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	102,586.42	102,586.42	102,586.42	102,586.42					
24648309	UEC-Union BALANCE RECORD	12/01/2004 53-SHOUX 1300005-S 15290	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	48,075.82	48,075.82	48,075.82	48,075.82					
24650523	UEC-Union Work Order Addition	06/01/2010 53-SHOUX 1300005-S 25110	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	41,280.31	41,280.31	41,280.31	41,280.31					
24650308	UEC-Union Work Order Addition	01/01/2005 54-TAUM 1300005-S 14119	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	61,527.75	61,527.75	61,527.75	61,527.75					
24650308	UEC-Union Work Order Addition	10/01/2010 54-TAUM 1300005-S 25112	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	88,853.98	88,853.98	88,853.98	88,853.98					
24650353	UEC-Union BALANCE RECORD	01/01/2005 58-LABAD 1300005-S 11290	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	281,235.90	281,235.90	281,235.90	281,235.90					
24648923	UEC-Union CTG Monitoring Software	02/01/2009 72-MERAN 1300005-S 16566	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	2,926.86	2,926.86	2,926.86	2,926.86					
24648923	UEC-Union Work Order Addition	02/01/2009 62-VENICE 1300005-S 16566	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	2,926.86	2,926.86	2,926.86	2,926.86					
24648919	UEC-Union Work Order Addition	02/01/2009 98-PEAO 1300005-S 16566	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	20,393.66	20,393.66	20,393.66	20,393.66					
24648183	UEC-Union Work Order Addition	02/01/2009 75-Goose 1300005-S 16566	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	2,926.86	2,926.86	2,926.86	2,926.86					
24648656	UEC-Union Work Order Addition	02/01/2009 7K-KINHAU 1300005-S 16566	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	2,926.86	2,926.86	2,926.86	2,926.86					
34018678	UEC-Union Damage Claims Mobile A	02/01/2018 21-MOCCO 1300005-S J0JFM	#N/A	#N/A	#N/A	#N/A	#N/A	100.00%	#N/A	05/01/2019	0.00	60	43	23,222.22	23,222.22	23,222.22	23,222.22					
35502566	UEC-Union Customer Experience U	12/01/2018 21-MOCCO 1300005-S J0C9F9	#N/A	#N/A	#N/A	#N/A	#N/A	90.31%	#N/A	05/01/2019	0.00	60	55	321,915.91	32,191.60	321,915.91	32,191.60					6,125.30
36021758	UEC-Union Primavera P6 Upgrade - I	03/01/2019 21-MOCCO 1300005-S J0C9F9	#N/A	#N/A	#N/A	#N/A	#N/A	1.90%	#N/A	05/01/2019	0.00	60	56	10,022.00	699.36	10,022.00	699.36					3,119.37
34624017	UEC-Union UEC - Data Analytics Vag	06/01/2018 21-MOCCO 1300005-S J0DGL	#N/A	#N/A	#N/A	#N/A	#N/A	100.00%	#N/A	05/01/2019	0.00	60	47	646,410.04	151,200.48	646,410.04	151,200.48					37.96
35632806	UEC-Union System of Integration_UE	12/01/2017 21-MOCCO 1300005-S J0F6Q	#N/A	#N/A	#N/A	#N/A	#N/A	90.34%	#N/A	05/01/2019	0.00	60	43	471,830.65	140,559.69	471,830.65	140,559.69					190.42
36021748	UEC-Union CSS Sys of Integration_UE	03/01/2019 21-MOCCO 1300005-S J0GK7	#N/A	#N/A	#N/A	#N/A	#N/A	90.34%	#N/A	05/01/2019	0.00	60	55	33,662.68	369.59	33,662.68	369.59					8,930.45
34311762	UEC-Union Work Order Addition	04/01/2018 63-RUSH 11300005-S J0J5HW	#N/A	#N/A	#N/A	#N/A	#N/A	90.36%	#N/A	05/01/2019	0.00	60	31	1,562,016.27	1,562,016.27	1,562,016.27	1,562,016.27					701.77
34311762	UEC-Union Work Order Addition	04/01/2018 63-RUSH 11300005-S J0J5HW	#N/A	#N/A	#N/A	#N/A	#N/A	90.36%	#N/A	05/01/2019	0.00	120	107	54,613.43	19,616.22	54,613.43	19,616.22					58,056.74
24651398	UEC-Union Work Order Addition	09/01/2007 5A-GENEF 1300005-S 16789	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	147,450.01	147,450.01	147,450.01	147,450.01					
32830298	UEC-Union Work Order Addition	06/01/2014 5A-GENEF 1300005-S 27048	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	29,436.84	29,436.84	29,436.84	29,436.84					
34018683	UEC-Union Digital Billing and Paym 201	02/01/2018 20-CORPK 1300005-S J0D56	#N/A	#N/A	#N/A	#N/A	#N/A	90.34%	#N/A	05/01/2019	0.00	60	43	15,036.92	3,246.61	15,036.92	3,246.61					313.62
35875963	UEC-Union CSS Investment Plan 201	02/01/2019 20-CORPK 1300005-S J0J6J3	#N/A	#N/A	#N/A	#N/A	#N/A	90.34%	#N/A	05/01/2019	0.00	60	55	174,442.99	17,444.29	174,442.99	17,444.29					3,308.96
34337317	UEC-Union Work Order Addition	01/01/2013 20-CORPK 1300005-S J0J9H7	#N/A	#N/A	#N/A	#N/A	#N/A	95.42%	#N/A	05/01/2019	0.00	60	31	602,560.11	330,039.09	602,560.11	330,039.09					5,347.55
32829885	UEC-Union Work Order Addition	01/01/2013 20-CORPK 1300005-S J0J9H7	#N/A	#N/A	#N/A	#N/A	#N/A	95.15%	#N/A	05/01/2019	0.00	60	0	489,808.11	489,808.11	489,808.11	489,808.11					
26446039	UEC-Union Work Order Addition	02/01/2015 20-CORPK 1300005-S J0J66Q	#N/A	#N/A	#N/A	#N/A	#N/A	91.50%	#N/A	05/01/2019	0.00	60	7	234,088.94	210,689.79	234,088.94	210,689.79					3,411.05
31910495	UEC-Union Mobile First Web Redesig	02/01/2017 20-CORPK 1300005-S J0G0H	#N/A	#N/A	#N/A	#N/A	#N/A	90.34%	#N/A	05/01/2019	0.00	60	43	28,519.00	7,049.75	28,519.00	7,049.75					584.16
33260616	UEC-Union Digital Usage Product - I	02/01/2017 20-CORPK 1300005-S J0JF15	#N/A	#N/A	#N/A	#N/A	#N/A	100.00%	#N/A	05/01/2019	0.00	60	41	2,901,133.13	823,429.20	2,901,133.13	823,429.20					798.29
35875963	UEC-Union GIS Portal with Configurat	03/01/2019 20-CORPK 1300005-S J0J9H8	#N/A	#N/A	#N/A	#N/A	#N/A	80.60%	#N/A	05/01/2019	0.00	60	55	(39,296.25)	(3,929.63)	(3,672.78)	(3,672.78)					(7,623.35)
36022038	UEC-Union RPA Foundation - UEC	03/01/2019 20-CORPK 1300005-S J0JHP	#N/A	#N/A	#N/A	#N/A	#N/A	4.15%	#N/A	05/01/2019	0.00	60	55	13,763.72	13,763.72	(77,860.90)	13,192.53					(1,496.97)
36022172	UEC-Union Software VPN - UEC	03/01/2019 20-CORPK 1300005-S J0J2X	#N/A	#N/A	#N/A	#N/A	#N/A	4.15%	#N/A	05/01/2019	0.00	60	55	(34,600.14)	(1,177.47)	(33,164.23)	(1,178.60)					(860.14)
24648322	UEC-Union SOFTWARE	01/01/2005 65-CALLA 1300005-S 11283	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	05/01/2019	0.00	60	0	97,741.06	9							

asset_id	company	ldg_desc	in_service	sub_acct	acc_id	ldg_work	Allocation	Elect%	Gas%	gl_posting	mo_yr	ent_life	remaining	current_value	ending_reserve	Effect Plant	Effect Reserve	Gas Plant	Gas Retv	Gas Depr
35773660	UEC-Union	AUST Enhancements 17-	01/01/2019	21-MOCCO	1300005-S-J063H	U035	100.00%	0.00%	60	53	68,938.99	9,191.85	68,938.99	9,191.85	9,191.85	9,191.85	9,191.85	9,191.85	9,191.85	9,191.85
36021096	UEC-Union	CTD Relation Mgmt Ph I	03/01/2019	21-MOCCO	1300005-S-J087L	U038	90.28%	9.72%	60	45	92,861.87	14,111.41	83,626.67	12,739.78	9,025.20	1,371.63	9,025.20	1,371.63	2,040.95	2,040.95
24642523	UEC-Union	Work Order Addition	07/01/2012	21-MOCCO	1300010-S-27135	27135	100.00%	0.00%	120	38	3,379,168.43	2,521,124.72	3,379,168.43	2,521,124.72	3,379,168.43	2,521,124.72	3,379,168.43	2,521,124.72	3,379,168.43	3,379,168.43
24642524	UEC-Union	Work Order Addition	07/01/2012	21-MOCCO	1300010-S-28153	28153	100.00%	4.50%	120	34	8,262,211.78	5,990,103.47	7,890,412.25	5,720,548.63	371,799.53	269,554.66	371,799.53	269,554.66	36,086.43	36,086.43
32830253	UEC-Union	Work Order Addition	07/01/2012	5A-GENEF	1300005-S-27047	#N/A	#N/A	#N/A	60	0	470,314.55	470,314.55	470,314.55	470,314.55	470,314.55	470,314.55	470,314.55	470,314.55	470,314.55	470,314.55
24649356	UEC-Union	Work Order Addition	07/01/2010	5A-GENEF	1300005-S-25897	#N/A	#N/A	#N/A	60	0	644,345.10	644,345.10	644,345.10	644,345.10	644,345.10	644,345.10	644,345.10	644,345.10	644,345.10	644,345.10
24651407	UEC-Union	Work Order Addition	12/01/2009	5A-GENEF	1300005-S-24398	#N/A	#N/A	#N/A	60	0	359,890.80	359,890.80	359,890.80	359,890.80	359,890.80	359,890.80	359,890.80	359,890.80	359,890.80	359,890.80
32830262	UEC-Union	Work Order Addition	02/01/2013	5A-GENEF	1300005-S-J000K	#N/A	#N/A	#N/A	60	0	352,576.07	352,576.07	352,576.07	352,576.07	352,576.07	352,576.07	352,576.07	352,576.07	352,576.07	352,576.07
34465008	UEC-Union	Work Order Addition	05/01/2016	5A-GENEF	1300005-S-J06JL	#N/A	#N/A	#N/A	60	14	297,012.27	232,659.60	297,012.27	232,659.60	297,012.27	232,659.60	297,012.27	232,659.60	297,012.27	232,659.60
24649374	UEC-Union	Work Order Addition	11/01/2009	5B-KEOKU	1300005-S-25112	#N/A	#N/A	#N/A	60	0	88,785.86	88,785.86	88,785.86	88,785.86	88,785.86	88,785.86	88,785.86	88,785.86	88,785.86	88,785.86
34479553	UEC-Union	Work Order Addition	05/01/2019	20-CORPK	1300005-S-24148	J0CXG	96.22%	3.78%	60	0	188,360.41	188,360.41	188,360.41	188,360.41	188,360.41	188,360.41	188,360.41	188,360.41	188,360.41	188,360.41
35977272	UEC-Union	Work Order Addition	02/01/2019	20-CORPK	1300005-S-J06KJ	J1X3Z	95.85%	4.15%	60	55	113,645.94	54,526.85	109,350.03	52,852.54	2,076.31	2,076.31	2,076.31	2,076.31	832.31	832.31
33633153	UEC-Union	Work Order Addition	12/01/2017	20-CORPK	1300005-S-J06KH	U046	90.34%	9.66%	60	32	685,977.73	205,951.57	619,172.28	186,056.65	271.49	271.49	271.49	271.49	53.31	53.31
33914389	UEC-Union	Work Order Addition	01/01/2018	20-CORPK	1300005-S-J06KA	U045	100.00%	0.00%	60	43	332,331.12	99,699.30	332,331.12	99,699.30	332,331.12	99,699.30	332,331.12	99,699.30	332,331.12	332,331.12
32829904	UEC-Union	Work Order Addition	02/01/2014	20-CORPK	1300005-S-J037C	J037C	96.15%	3.85%	60	7	577,796.66	577,796.66	577,796.66	577,796.66	577,796.66	577,796.66	577,796.66	577,796.66	577,796.66	577,796.66
26446023	UEC-Union	Work Order Addition	12/01/2014	20-CORPK	1300005-S-J067V	J067V	96.34%	3.66%	60	7	638,946.18	514,806.25	615,560.75	553,770.27	23,385.43	23,015.17	23,385.43	23,015.17	23,385.43	23,385.43
34018935	UEC-Union	Work Order Addition	12/01/2018	20-CORPK	1300005-S-J067V	J067V	100.00%	0.00%	60	43	67,432.26	67,432.26	67,432.26	67,432.26	67,432.26	67,432.26	67,432.26	67,432.26	67,432.26	67,432.26
35927974	UEC-Union	Work Order Addition	12/01/2018	20-CORPK	1300005-S-J067V	U076	95.85%	4.15%	60	55	601,163.60	60,116.35	576,215.31	57,621.52	24,948.29	2,494.83	24,948.29	2,494.83	4,898.94	4,898.94
35775153	UEC-Union	Work Order Addition	01/01/2019	20-CORPK	1300005-S-J067Z	U073	90.31%	9.69%	60	55	61,121.00	61,121.00	61,121.00	61,121.00	61,121.00	61,121.00	61,121.00	61,121.00	61,121.00	61,121.00
35877022	UEC-Union	Work Order Addition	02/01/2019	20-CORPK	1300005-S-J063Z	U071	100.00%	0.00%	60	55	19,989.00	19,989.00	19,989.00	19,989.00	19,989.00	19,989.00	19,989.00	19,989.00	19,989.00	19,989.00
36020758	UEC-Union	Work Order Addition	02/01/2019	20-CORPK	1300005-S-J06JZ	U073	90.31%	9.69%	60	55	11,802.10	11,802.10	11,802.10	11,802.10	11,802.10	11,802.10	11,802.10	11,802.10	11,802.10	11,802.10
31882225	UEC-Union	Work Order Addition	12/01/2019	20-CORPK	1300005-S-J06JZ	U055	90.34%	9.66%	60	31	171,510.81	15,330.23	154,942.87	13,849.33	1,480.90	1,480.90	1,480.90	1,480.90	3,291.72	3,291.72
33914263	UEC-Union	Work Order Addition	03/01/2018	20-CORPK	1300005-S-J095W	J095W	90.34%	9.66%	60	55	513,862.96	256,931.42	464,326.57	232,163.23	49,536.39	24,768.19	49,536.39	24,768.19	9,587.69	9,587.69
36021156	UEC-Union	Work Order Addition	03/01/2018	20-CORPK	1300005-S-J095B	U010	96.56%	1.44%	60	43	324.00	324.00	324.00	324.00	324.00	324.00	324.00	324.00	324.00	324.00
24649138	UEC-Union	Work Order Addition	02/01/2009	7A-Audair	1300005-S-16566	#N/A	#N/A	#N/A	60	0	1,676.81	1,676.81	1,676.81	1,676.81	1,676.81	1,676.81	1,676.81	1,676.81	1,676.81	1,676.81
24649139	UEC-Union	Work Order Addition	02/01/2009	7A-Audair	1300005-S-16566	#N/A	#N/A	#N/A	60	0	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86	2,926.86
24649141	UEC-Union	Work Order Addition	06/01/2001	7A-Audair	1300005-S-07000	#N/A	#N/A	#N/A	60	0	1,861.68	1,861.68	1,861.68	1,861.68	1,861.68	1,861.68	1,861.68	1,861.68	1,861.68	1,861.68
24649084	UEC-Union	Work Order Addition	06/01/2001	7A-Audair	1300005-S-07000	#N/A	#N/A	#N/A	60	0	46,692.07	46,692.07	46,692.07	46,692.07	46,692.07	46,692.07	46,692.07	46,692.07	46,692.07	46,692.07
34636809	UEC-Union	Work Order Addition	12/01/2016	65-CALLA	1300005-S-J063L	#N/A	#N/A	#N/A	60	31	105,303.20	52,651.58	105,303.20	52,651.58	105,303.20	52,651.58	105,303.20	52,651.58	105,303.20	105,303.20
24648295	UEC-Union	Work Order Addition	01/01/2003	65-CALLA	1300005-S-11283	#N/A	#N/A	#N/A	60	0	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14
32532400	UEC-Union	Work Order Addition	05/01/2017	65-CALLA	1300005-S-J063N	#N/A	#N/A	#N/A	60	31	306.55	306.55	306.55	306.55	306.55	306.55	306.55	306.55	306.55	306.55
24648286	UEC-Union	Work Order Addition	01/01/2003	65-CALLA	1300005-S-11283	#N/A	#N/A	#N/A	60	0	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14	10,877.14
24648529	UEC-Union	Work Order Addition	01/01/2003	65-CALLA	1300005-S-11283	#N/A	#N/A	#N/A	60	0	53,918.76	53,918.76	53,918.76	53,918.76	53,918.76	53,918.76	53,918.76	53,918.76	53,918.76	53,918.76
24648340	UEC-Union	Work Order Addition	01/01/2003	65-CALLA	1300005-S-07000	#N/A	#N/A	#N/A	60	0	3,718.89	3,718.89	3,718.89	3,718.89	3,718.89	3,718.89	3,718.89	3,718.89	3,718.89	3,718.89
24648349	UEC-Union	Work Order Addition	01/01/2003	65-CALLA	1300005-S-11283	#N/A	#N/A	#N/A	60	0	44,446.54	44,446.54	44,446.54	44,446.54	44,446.54	44,446.54	44,446.54	44,446.54	44,446.54	44,446.54
24648350	UEC-Union	Work Order Addition	01/01/2005	65-CALLA	1300005-S-14314	#N/A	#N/A	#N/A	60	0	25,117.70	25,117.70	25,117.70	25,117.70	25,117.70	25,117.70	25,117.70	25,117.70	25,117.70	25,117.70
34640300	UEC-Union	Work Order Addition	12/01/2016	65-CALLA	1300005-S-J07L2	#N/A	#N/A	#N/A	60	29	233,926.81	124,760.96	233,926.81	124,760.96	233,926.81	124,760.96	233,926.81	124,760.96	233,926.81	233,926.81
32532676	UEC-Union	Work Order Addition	05/01/2017	65-CALLA	1300005-S-J063N	#N/A	#N/A	#N/A	60	31	344.01	344.01	344.01	344.01	344.01	344.01	344.01	344.01	344.01	344.01
36297366	UEC-Union	Work Order Addition	05/01/2019	82-LITTLE	2300005-S-J06F9	#N/A	#N/A	#N/A	60	60	1,847,120.47	30,785.35	1,847,120.47	30,785.35	1,847,120.47	30,785.35	1,847,120.47	30,785.35	363,267.02	363,267.02
29519016	UEC-Union	Work Order Addition	05/01/2016	21-MOCCO	1300005-S-J06J0	J06J0	100.00%	0.00%	60	23	765.32	765.32	765.32	765.32	765.32	765.32	765.32	765.32	765.32	765.32
24642905	UEC-Union	Work Order Addition	01/01/2005	50-MERAA	1300005-S-11584	#N/A	#N/A	#N/A	60	0	119,101.33	119,101.33	119,101.33	119,101.33	119,101.33	119,101.33	119,101.33	119,101.33	119,101.33	119,101.33
32825109	UEC-Union	Work Order Addition	07/01/2011	50-MERAA	1300005-S-19454	#N/A	#N/A	#N/A	60	0	122,495.68	122,495.68	122,495.68	122,495.68	122,495.68	122,495.68	122,495.68	122,495.68	122,495.68	122,495.68
32825110	UEC-Union	Work Order Addition	07/01/2014	52-OSAGE	1300005-S-J0465	#N/A	#N/A	#N/A	60	0	218,080.12	218,080.12	218,080.12	218,080.12	218,080.12	218,080.12	218,080.12	218,080.12	218,080.12	218,080.12
24649495	UEC-Union	Work Order Addition	01/01/2002	63-SHOUX	1300005-S-13261	#N/A	#N/A	#N/A	60	0	31,553.16	31,553.16	31,5							

asset_id	company	ldg_description	in_service_yr	sub_accy	accy_ldg_wk	Abc	Allocation	Elect %	Gas %	gl_posting_mo_yr	int_life	remaining	current_value	ending_reserve	Elect Plant	Gas Plant	Gas Rev	Gas Depr
36562730	UEC-Union GIS Portal with Contactor	12/01/2018	20-CORP	13030005-S J068R	U029	60	19.40%	90.60%	05/01/2019 00.00	60	35	2,174,950.80	227,455.07	1,954,810.34	480,140.46	48,014.04	54,282.13	
36196597	UEC-Union Work Order Addition	01/01/2018	20-CORP	13030005-S J06L2	U028	60	9.66%	90.34%	05/01/2019 00.00	60	43	750,195.95	247,450.79	684,954.22	73,241.73	21,972.52	14,307.69	
35927120	UEC-Union Digital Outage Production R	02/01/2018	20-CORP	13030005-S J0H32	U071	60	100.00%	100.00%	05/01/2019 00.00	60	52	820,181.92	84,016.20	820,181.92	-	-	8,141.51	3,345.82
32291230	UEC-Union CSS Componentization - R	03/01/2018	20-CORP	13030005-S J0H56	U024	60	9.64%	90.36%	05/01/2019 00.00	60	50	177,009.42	84,016.20	150,945.71	-	-	1,759.85	1,881.44
35774313	UEC-Union UEC Oracle Unifier	01/01/2018	20-CORP	13030005-S J0H08	U010	60	4.41%	95.58%	05/01/2019 00.00	60	50	666,608.32	122,211.53	637,009.16	120,451.68	18,636.70	1,863.67	3,659.57
36022374	UEC-Union UEC Oracle Unifier Upgrn	03/01/2018	20-CORP	13030005-S J0K42	U062	60	4.41%	95.58%	05/01/2019 00.00	60	55	449,077.42	44,907.72	404,169.70	43,044.05	-	-	-
26491202	UEC-Union 2006 CTG Acquisition	06/01/2001	7A-Auditor	13030005-S 0T000	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	42,390.96	42,390.96	42,390.96	-	-	-	-
26494910	UEC-Union 2006 CTG Acquisition	06/01/2001	7A-Auditor	13030005-S 0T000	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	6,946.68	6,946.68	6,946.68	-	-	-	-
26484385	UEC-Union BALANCE RECORD	01/01/2005	65-CALLA	13030005-S 14314	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	509,089.51	509,089.51	509,089.51	-	-	-	-
31871152	UEC-Union RM-11 Replacement	12/01/2010	65-CALLA	13030005-S J061R	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	31	9,663.75	4,631.80	6,663.75	-	-	-	-
24684812	UEC-Union BALANCE RECORD	01/01/2005	65-CALLA	13030005-S 14314	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	5,104.70	5,104.70	5,104.70	-	-	-	-
34738715	UEC-Union RM-11 Replacement	07/01/2018	65-CALLA	13030005-S J061R	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	31	288.37	119.58	288.37	-	-	-	-
34737454	UEC-Union ASPIRE P1 CMT AMO	01/01/2018	65-CALLA	13030005-S J061R	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	51	(784,517.09)	(130,750.85)	(784,517.09)	(784,517.09)	(130,752.85)	(150,826.88)	
36021350	UEC-Union ASPIRE P1 CMT AMO	01/01/2018	65-CALLA	13030005-S J061R	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	51	399.19	399.19	399.19	18,425.18	399.19	4,241.41	-
24651425	UEC-Union Software	03/01/2019	62-LITTLE	13030005-S J0DHP	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	51	88,252.89	89,252.89	89,252.89	-	-	-	-
24645286	UEC-Union Software	01/01/2017	50-MERLA	13030005-S 16789	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	451,849.51	451,849.51	451,849.51	-	-	-	-
24645286	UEC-Union Software	01/01/2017	50-MERLA	13030005-S 10619	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	136,787.72	136,787.72	136,787.72	-	-	-	-
24650512	UEC-Union Work Order Addition	09/01/2009	52-OSAGE	13030005-S 24149	#N/A	60	9.72%	90.28%	05/01/2019 00.00	60	45	91,736.32	91,736.32	91,736.32	-	-	-	-
24650512	UEC-Union Work Order Addition	09/01/2009	52-OSAGE	13030005-S 25112	#N/A	60	9.72%	90.28%	05/01/2019 00.00	60	45	1,185,690.30	1,185,690.30	1,185,690.30	-	-	-	-
24651418	UEC-Union Work Order Addition	10/01/2007	53-SOUX	13030005-S 16789	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	55,782.43	55,782.43	55,782.43	-	-	-	-
24650769	UEC-Union Work Order Addition	01/01/2010	54-TAHUMI	13030005-S 23512	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	180,805.48	180,805.48	180,805.48	-	-	-	-
24648882	UEC-Union Work Order Addition	02/01/2009	96-PENO	13030005-S 16566	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	6,692.15	6,692.15	6,692.15	-	-	-	-
24648893	UEC-Union Work Order Addition	01/01/2019	96-PENO	13030005-S 16566	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	2,926.86	2,926.86	2,926.86	-	-	-	-
35774529	UEC-Union Subscriber Solar Softwar	01/01/2019	5R-RENEH	13030010-S J0C2Z	#N/A	120	112	41,432.14	05/01/2019 00.00	120	112	41,432.14	41,432.14	41,432.14	-	-	-	-
35775122	UEC-Union EMS Enhancements 2011	01/01/2019	72-MISSO	13030005-S J0K3X	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	55	396,108.85	39,810.90	396,108.85	-	-	-	-
24649210	UEC-Union Work Order Addition	02/01/2009	7G-Goosar	13030005-S 16566	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	1,676.81	1,676.81	1,676.81	-	-	-	-
34018362	UEC-Union Cust Relation Mgmt Ph I	02/01/2018	21-MOXCO	13030005-S J0K9Z	U038	60	9.66%	90.34%	05/01/2019 00.00	60	45	1,016,521.85	238,288.92	918,077.05	215,127.24	98,844.80	23,161.68	20,182.17
35775669	UEC-Union Dynatrace - UEC	01/01/2019	21-MOXCO	13030005-S J0K9Z	U081	60	4.15%	95.85%	05/01/2019 00.00	60	55	63,574.02	6,357.42	60,935.70	6,093.59	62,833.82	263.83	518.07
35721661	UEC-Union Work Order Addition	01/01/2015	21-MOXCO	13030005-S J0K6TW	J06TW	60	3.74%	96.26%	05/01/2019 00.00	60	17	729,360.63	53,464.45	702,062.54	514,860.62	20,003.93	5,134.70	17.89
36023092	UEC-Union Mobile Time Capture UET	03/01/2017	21-MOXCO	13030005-S J0K6TW	J06TW	60	9.69%	90.31%	05/01/2019 00.00	60	55	940.00	94.01	848.91	84.90	9.11	-	-
38155075	UEC-Union eV6 Upgrade	09/01/2013	21-MOXCO	13030005-S J0K6JN	J06JN	60	4.54%	95.46%	05/01/2019 00.00	60	31	93,678.64	46,867.53	93,678.64	46,867.53	-	-	-
32830050	UEC-Union Work Order Addition	04/01/2013	21-MOXCO	13030005-S J0K6JN	J06JN	60	3.85%	96.15%	05/01/2019 00.00	60	59	247,055.15	7,951.83	235,838.85	7,590.82	1,216.30	361.01	2,207.86
24649437	UEC-Union Work Order Addition	01/01/2019	21-MOXCO	13030005-S J0K6JN	J06JN	60	100.00%	100.00%	05/01/2019 00.00	60	0	1,457,288.78	1,457,288.78	1,401,183.16	56,105.62	56,105.62	-	-
36021790	UEC-Union CIDC - UEC	03/01/2019	21-MOXCO	13030005-S J0K6J2	F06J2	60	4.15%	95.85%	05/01/2019 00.00	60	55	92,657.21	1,228,537.51	1,228,537.51	1,228,537.51	-	-	-
34715859	UEC-Union Work Order Addition	12/01/2016	21-MOXCO	13030005-S J0K6J3	U013	60	9.66%	90.34%	05/01/2019 00.00	60	31	205,347.02	102,673.51	205,347.02	102,673.51	562.90	717.97	-
33912725	UEC-Union 2017 Customer Experien	01/01/2018	21-MOXCO	13030005-S J0K6JF	U033	60	9.66%	90.34%	05/01/2019 00.00	60	43	433,771.51	130,131.44	391,869.18	117,560.74	41,902.33	12,570.70	8,185.57
31873915	UEC-Union OPRM Software Innovate	07/01/2014	21-MOXCO	13030005-S J0K6JF	J06JF	60	9.64%	90.36%	05/01/2019 00.00	60	2	1,536,041.34	1,510,440.66	1,472,295.62	1,447,757.37	62,683.29	6,374.57	-
34019807	UEC-Union System of Integration_UE	02/01/2018	21-MOXCO	13030005-S J0K6G0	U041	60	9.66%	90.34%	05/01/2019 00.00	60	43	11,981.00	2,702.78	10,823.64	2,441.69	261.09	250.12	-
36323604	UEC-Union Damage Claims Mobile A	02/01/2017	21-MOXCO	13030005-S J0K6FM	J06FM	60	4.50%	95.50%	05/01/2019 00.00	60	43	478,679.93	142,387.28	478,679.93	142,387.28	-	-	-
32829940	UEC-Union Work Order Addition	07/01/2014	21-MOXCO	13030005-S J0K6J2	282J2	60	3.19%	96.81%	05/01/2019 00.00	60	62	27,400,968.49	13,952,395.36	26,014,742.91	12,950,597.07	602,698.29	120,605.28	-
24642825	UEC-Union Work Order Addition	12/01/2011	21-MOXCO	13030010-S 28178	28178	60	96.81%	96.81%	05/01/2019 00.00	60	31	9,375,129.83	7,031,347.27	9,076,063.19	6,807,047.29	299,066.64	224,299.98	28,941.93
32829567	UEC-Union Work Order Addition	12/01/2014	21-MOXCO	13030005-S J0K6J2	282J2	60	100.00%	100.00%	05/01/2019 00.00	60	67	4,957,559.68	2,230,901.85	3,479,012.79	2,605,259.59	114,637.44	85,978.08	11,093.95
24643031	UEC-Union SOFTWARE	01/01/2004	5A-GENEF	13030005-S 14837	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	0	235,785.98	235,785.98	235,785.98	-	-	-	-
32830244	UEC-Union Work Order Addition	02/01/2014	5A-GENEF	13030005-S J0K6J9	#N/A	60	#N/A	#N/A	05/01/2019 00.00	60	2	481,700.00	481,700.00	481,700.00	-	-	-	-
36021741	UEC-Union PowerPlan Finance New	03/01/2019	20-CORP	13030005-S J0K5X0	U083	60	4.15%	95.85%	05/01/2019 00.00	60	57	1,148,498.42	68,500.31	1,100,836.68	63,740.55	47,662.73	2,769.76	9,453.26
36021741	UEC-Union Digital Billing & Payment	03/01/2019	20-CORP	13030005-S J0K5X0	U085	60	4.15%	95.85%	05/01/2019 00.00	60	46	1,183,923.00	2,707.75	1,180,836.68	63,740.55	47,662.73	2,769.76	9,453.26
36021831	UEC-Union Mobile First Web Readex	03/01/2019	20-CORP	13030005-S J0K5X0	J0K5X	60	4.15%	95.85%	05/01/2019 00.00	60	56	1,183,923.00	96.60	1,183,923.00	2,466.14	1,058.44	207.09	9.64
32567875	UEC-Union Work Order Addition	03/01/2016	20-CORP	13030005-S J0K5V4	J0K5V	60	9.69%	96.26%	05/01/2019 00.00	60	57	1,803,496.43	120,763.67	1,628,732.63	109,079.73	174,758.80	11,703.94	34,327.34
35876508	UEC-Union Identity Access Mgmt_Cy	02/01/2019	20-CORP	13030005-S J0C0H	U054	60	96.22%	96.22%	05/01/2019 00.00	60	55	48,507.91	4,993.80	48,050.26	4,805.03	1,887.65	188.77	370.67
32829531	UEC-Union Work Order Addition	06/01/2014	20-CORP	13030005-S J0K3Q0	J0K3Q	60	9.67%	96.33%	05/01/2019 00.00	60	1	612,915.73	612,915.73	563,646.78	53,646.78	59,284.95	59,284.95	370.67

asset_id	company	ldp_description	in_service_yr	sub_accountability	acc_id	ldg_wk	Electricity	Gas%	gl_posting_mo_yr	int_life	remaining	current_value	ending_reserve	Elect Plant	Elect Resv	Gas Plant	Gas Rev	Gas Depr	
24650639	UEC-Union Work Order Addition	08/01/2009 98-PEN01 1300005-S 25111	60	#N/A	#N/A	05/01/2019 0.00	0	0	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68	36,424.68
24646846	UEC-Union Work Order Addition	02/01/2009 7K-KIN01 1300005-S 16566	60	#N/A	#N/A	05/01/2019 0.00	0	0	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15	6,692.15
24649329	UEC-Union Work Order Addition	02/01/2019 21-MOCCO 1300005-S 29205	60	0	Fully Amor	05/01/2019 0.00	60	0	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46	753,841.46
35977304	UEC-Union Work Order Addition	01/01/2019 21-MOCCO 1300005-S J0082	60	55	J0082	05/01/2019 0.00	60	55	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)	(23,283.00)
32031304	UEC-Union Work Order Addition	01/01/2019 21-MOCCO 1300005-S J0072	60	31	Fully Amor	05/01/2019 0.00	60	31	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52	97,143.52
32829598	UEC-Union Work Order Addition	01/01/2019 21-MOCCO 1300005-S J0082	60	0	Fully Amor	05/01/2019 0.00	60	0	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87	107,744.87
36000810	UEC-Union Work Order Addition	09/01/2019 21-MOCCO 1300005-S J0072	60	40	J0072	05/01/2019 0.00	60	40	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18	483,314.18
32830075	UEC-Union Work Order Addition	02/01/2019 21-MOCCO 1300005-S J0072	60	7	J0072	05/01/2019 0.00	60	7	416.93	416.93	416.93	416.93	416.93	416.93	416.93	416.93	416.93	416.93	416.93
24649320	UEC-Union Work Order Addition	02/01/2019 21-MOCCO 1300005-S 29214	60	55	Fully Amor	05/01/2019 0.00	60	55	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99	330,669.99
32830021	UEC-Union Work Order Addition	02/01/2019 21-MOCCO 1300005-S 28689	60	0	Fully Amor	05/01/2019 0.00	60	0	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92	1,518,607.92
32830084	UEC-Union Work Order Addition	12/01/2018 21-MOCCO 1300005-S J0048	60	5	J0048	05/01/2019 0.00	60	5	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66	624,719.66
35527489	UEC-Union Work Order Addition	02/01/2018 21-MOCCO 1300005-S J0052	60	55	J0052	05/01/2019 0.00	60	55	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33	593,800.33
34018873	UEC-Union Work Order Addition	02/01/2018 21-MOCCO 1300005-S J009K	60	43	J009K	05/01/2019 0.00	60	43	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66	6,393.66
35116037	UEC-Union Work Order Addition	01/01/2019 21-MOCCO 1300005-S J009K	60	29	J009K	05/01/2019 0.00	60	29	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97	148,882.97
36000048	UEC-Union Work Order Addition	12/01/2014 21-MOCCO 1300005-S J007F	60	55	J007F	05/01/2019 0.00	60	55	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30	204,002.30
35196764	UEC-Union Work Order Addition	10/01/2018 21-MOCCO 1300005-S J007F	60	53	J007F	05/01/2019 0.00	60	53	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21	1,866,601.21
35642811	UEC-Union Work Order Addition	10/01/2011 21-MOCCO 130010-S 28179	120	29	J0079	05/01/2019 0.00	120	29	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48	1,795,652.48
32050604	UEC-Union Work Order Addition	01/01/2018 21-MOCCO 130010-S J09J0	120	83	J09J0	05/01/2019 0.00	120	83	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41	159,055.41
34310091	UEC-Union Work Order Addition	04/01/2018 21-MOCCO 130010-S J09J0	120	83	J09J0	05/01/2019 0.00	120	83	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74	21,206.74
32830271	UEC-Union Work Order Addition	11/01/2018 5A-GENEF 1300005-S J01D1	60	#N/A	#N/A	05/01/2019 0.00	60	0	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14	177,039.14
24642851	UEC-Union Work Order Addition	02/01/2009 5A-GENEF 1300005-S 16566	60	0	Fully Amor	05/01/2019 0.00	60	0	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83	344,018.83
24649277	UEC-Union Work Order Addition	02/01/2012 5A-GENEF 1300005-S 28158	60	0	Fully Amor	05/01/2019 0.00	60	0	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79	898,016.79
24648709	UEC-Union Work Order Addition	02/01/2009 7P-Pickup 1300005-S 16566	60	0	Fully Amor	05/01/2019 0.00	60	0	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56	2,509.56
36155403	UEC-Union Work Order Addition	04/01/2018 20-CORPK 1300005-S J00VW	60	59	J00VW	05/01/2019 0.00	60	59	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26	509,798.26
34018715	UEC-Union Work Order Addition	02/01/2018 20-CORPK 1300005-S J0C7J	60	39	J0C7J	05/01/2019 0.00	60	39	326.00	326.00	326.00	326.00	326.00	326.00	326.00	326.00	326.00	326.00	326.00
35774468	UEC-Union Work Order Addition	01/01/2019 20-CORPK 1300005-S J0C0H	60	55	J0C0H	05/01/2019 0.00	60	55	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11	57,946.11
34018715	UEC-Union Work Order Addition	02/01/2018 20-CORPK 1300005-S J0C7J	60	55	J0C7J	05/01/2019 0.00	60	55	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58	694,757.58
36021317	UEC-Union Work Order Addition	03/01/2019 20-CORPK 1300005-S J0C7K	60	52	J0C7K	05/01/2019 0.00	60	52	759.64	759.64	759.64	759.64	759.64	759.64	759.64	759.64	759.64	759.64	759.64
34864314	UEC-Union Work Order Addition	04/01/2018 20-CORPK 1300005-S J0B2Z	60	42	J0B2Z	05/01/2019 0.00	60	42	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96	247,814.96
35775877	UEC-Union Work Order Addition	01/01/2019 20-CORPK 1300005-S J0J2Z	60	56	J0J2Z	05/01/2019 0.00	60	56	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03	359,200.03
32953312	UEC-Union Work Order Addition	11/01/2018 20-CORPK 1300005-S J0C3K	60	52	J0C3K	05/01/2019 0.00	60	52	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95	617,197.95
34859597	UEC-Union Work Order Addition	09/01/2016 20-CORPK 1300005-S J0J2V	60	48	J0J2V	05/01/2019 0.00	60	48	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32	313,798.32
35906624	UEC-Union Work Order Addition	01/01/2016 20-CORPK 1300005-S J0B8F	60	26	J0B8F	05/01/2019 0.00	60	26	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81	926,936.81
35774538	UEC-Union Work Order Addition	01/01/2019 20-CORPK 1300005-S J0J8R	60	55	J0J8R	05/01/2019 0.00	60	55	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00	28,037.00
35775550	UEC-Union Work Order Addition	01/01/2019 20-CORPK 1300005-S J0H8P	60	55	J0H8P	05/01/2019 0.00	60	55	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00	125,264.00
35773683	UEC-Union Work Order Addition	01/01/2019 20-CORPK 1300005-S J0J6L	60	55	J0J6L	05/01/2019 0.00	60	55	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20	50,297.20
35774307	UEC-Union Work Order Addition	01/01/2019 20-CORPK 1300005-S J0J6K	60	55	J0J6K	05/01/2019 0.00	60	55	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38	214,065.38
33146498	UEC-Union Work Order Addition	09/01/2019 20-CORPK 1300005-S J0C7J	60	39	J0C7J	05/01/2019 0.00	60	39	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65	116,357.65
24649129	UEC-Union Work Order Addition	06/01/2001 7A-Andrak 1300005-S 07000	60	0	Fully Amor	05/01/2019 0.00	60	0	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61	4,043.61
24646821	UEC-Union Work Order Addition	01/01/2005 65-CALLA 1300005-S 14314	60	0	Fully Amor	05/01/2019 0.00	60	0	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53	66,848.53
24648504	UEC-Union Work Order Addition	01/01/2003 65-CALLA 1300005-S 11283	60																

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

FERC Acct	PRO FORMA BALANCE (1)	Rate (2)	Annual Depreciation At Current Rates (3) = (1) * (2)
<b><u>Intangible Plant</u></b>			
303	4,143,542	20.00%	828,708
303 - Alloc fm Elect Plant	7,001,585		1,017,333
	<u>11,145,127</u>		<u>1,846,041</u>
<b><u>Production Plant</u></b>			
304	-		-
305	-	0.00%	-
311	-	0.00%	-
	<u>-</u>		<u>-</u>
<b><u>Transmission Plant</u></b>			
365	119,532	0.00%	-
366	-	0.00%	-
367	5,465,985	1.62%	88,549
369	40,600	0.88%	360
	<u>5,626,417</u>		<u>88,909</u>
<b><u>Distribution Plant</u></b>			
374	2,431,941	0.00%	-
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	18,348,450	3.63%	666,049
385	1,353,553	2.54%	34,380
387	-	0.00%	-
	<u>466,786,828</u>		<u>10,208,701</u>
<b><u>General Plant</u></b>			
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	2,678,743	5.00%	133,937
394-Fully Accrued	1,199,101	0.00%	-
395	101,647	5.00%	5,082
395-Fully Accrued	8,605	0.00%	-
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
	<u>41,341,789</u>		<u>2,088,052</u>
<b><u>Total General Plant Excluding 392 &amp; 395</u></b>			
	<u>29,588,143</u>		<u>1,310,301</u>
<b><u>Plant In Service</u></b>			
	<u>524,900,160</u>		<u>14,231,703</u>
<b>Composite Depreciation Rate</b>			
			2.71%
<b>ICC Depreciation</b>			
	(1,264,171)	2.71%	(34,276)
<b><u>Total Gas Plant In Service</u></b>			
	<u>523,635,989</u>		<u>14,197,427</u>

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

Accumulated Reserve Calculation

	Executive		Contract		Total	Accumulated Reserve Calculation									
	AMS	UEC	AMS	UEC		2010	2011	2012	2013	2014	2015	2016	2017	2018	Thru 5/2019
Total disallowed from previous case GR-2010-0363 through 12/31/2009					620,158	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	2,860,362											
% 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	16,253,328	21,716,047	624,493	5,481,627											
% 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	-	636	1,273	1,273	1,273	1,273	1,273	1,273	1,273	530
2012 Total Company Performance Incentive	13,577,573	16,497,655	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%	25.89%											
Total	10,697	25,949	-	-	36,646	-	-	497	993	993	993	993	993	993	414
2013 Total Company Performance Incentive	21,979,573	21,092,070	596,376	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	-	-	50,492	-	-	-	664	1,368	1,368	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%	28.08%	33.68%	25.89%											
Total	14,337	34,206	-	-	48,543	-	-	-	-	658	1,316	1,316	1,316	1,316	548
2015 Total Company Performance Incentive	16,849,705	19,542,561	402,968	4,382,939											
% 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	-	-	-	-	-	596	1,193	1,193	1,193	497
2016 Total Company Performance Incentive	19,346,115	16,289,781	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	-	-	40,832	-	-	-	-	-	-	553	1,107	1,107	461
2017 Total Company															

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

					Accumulated Reserve Calculation										Thru 5/2019
	Executive		Contract		Total	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	AMS	UEC	AMS	UEC											
Performance Incentive	25,255,989	20,753,245	732,459	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	-	-	52,540	-	-	-	-	-	-	-	712	1,424	593
2018 Total Company															
Performance Incentive	30,136,039	27,429,570	591,053	6,455,988											
% 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	-	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	108
Total Capitalized Incentive Compensation disallowed					<u>1,264,171</u>										
Total Accumulated Reserve disallowed from 1/2010 through 05/2019					262,456	<u>22,745</u>	<u>23,900</u>	<u>25,034</u>	<u>26,214</u>	<u>27,556</u>	<u>28,810</u>	<u>29,960</u>	<u>31,226</u>	<u>32,844</u>	<u>14,167</u>
Total Accumulated Reserve disallowed from previous case (GR-2010-0363 through 12/31/2009)					114,240										
					<u>376,696</u>										

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
% Disallowed	13.53%	0.00%



AMEREN MISSOURI  
ALLOCATION ANALYSIS OF INCENTIVE COMPENSATION

		EXECUTIVE				
		O & M	CAPITAL	OTHER	TOTAL	TEST
Payroll 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				TEST
	O & M	CAPITAL	OTHER	TOTAL	
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				TEST
	O & M	CAPITAL	OTHER	TOTAL	
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)

AMEREN MISSOURI  
INCENTIVE COMPENSATION  
True-Up Through 5/31/2019

MONTH AMEREN MISSOURI	Performance Incentive	
	EXECUTIVE	CONTRACT
JAN 2010	1,354,894	564,394
FEB	1,416,365	516,195
MAR	1,970,938	(1,185,994)
APR	1,341,754	636,184
MAY	1,284,916	(6,443)
JUN	1,393,796	595,946
JUL	1,348,397	587,475
AUG	1,218,513	202,458
SEP	1,239,118	204,101
OCT	1,286,172	558,516
NOV	1,142,473	94,978
DEC	1,160,304	92,572
<b>TOTAL 2010</b>	<b>16,157,640</b>	<b>2,860,382</b>
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	1,237,835	(198,685)
SEP	1,674,770	541,612
OCT	1,638,041	549,145
NOV	1,950,905	500,519
DEC	1,880,768	191,387
<b>TOTAL 2011</b>	<b>21,716,047</b>	<b>5,481,627</b>
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	988,501	132,180
SEP	1,418,088	396,111
OCT	1,415,450	434,255
NOV	1,559,132	2,132
DEC	1,442,800	391,556
<b>TOTAL 2012</b>	<b>16,497,655</b>	<b>4,753,381</b>
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	2,505,317	325,683
<b>TOTAL 2013</b>	<b>21,092,070</b>	<b>5,220,785</b>

AMEREN MISSOURI  
INCENTIVE COMPENSATION  
True-Up Through 5/31/2019

MONTH AMEREN MISSOURI	Performance Incentive	
	EXECUTIVE	CONTRACT
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
<b>TOTAL 2014</b>	<b>21,747,176</b>	<b>6,727,475</b>
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
<b>TOTAL 2015</b>	<b>19,542,561</b>	<b>4,362,939</b>
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
<b>TOTAL 2016</b>	<b>16,269,781</b>	<b>1,191,305</b>
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
JUN	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
<b>TOTAL 2017</b>	<b>20,753,245</b>	<b>7,523,469</b>

AMEREN MISSOURI  
INCENTIVE COMPENSATION  
True-Up Through 5/31/2019

MONTH AMEREN MISSOURI	Performance Incentive	
	EXECUTIVE	CONTRACT
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
<b>TOTAL 2018</b>	<b>27,429,570</b>	<b>6,455,986</b>
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
<b>TOTAL 2019</b>	<b>8,145,153</b>	<b>3,383,954</b>

AMEREN MISSOURI  
INCENTIVE COMPENSATION  
True-Up Through 5/31/2019

MONTH AMEREN SERVICES	Performance Incentive	
	EXECUTIVE	CONTRACT
JAN 2010	1,121,390	65,889
FEB	1,583,311	63,000
MAR	475,358	30,778
APR	1,146,192	66,973
MAY	1,262,620	56,068
JUN	1,128,977	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
<b>TOTAL 2010</b>	<b>16,354,432</b>	<b>739,081</b>
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	709,470	72,850
SEP	1,116,728	51,386
OCT	1,138,087	53,380
NOV	2,323,895	48,571
DEC	2,210,183	45,613
<b>TOTAL 2011</b>	<b>16,253,328</b>	<b>624,493</b>
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	1,525,189	46,758
SEP	1,235,357	46,641
OCT	1,265,625	54,499
NOV	1,093,620	15,260
DEC	1,377,735	47,635
<b>TOTAL 2012</b>	<b>13,577,573</b>	<b>572,458</b>
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	1,330,455	48,202
JUN	1,254,088	52,516
JUL	1,014,016	68,158
AUG	1,201,436	51,388
SEP	1,196,048	54,035
OCT	1,205,231	60,427
NOV	2,585,170	1,536
DEC	5,876,937	52,140
<b>TOTAL 2013</b>	<b>21,979,573</b>	<b>596,376</b>

AMEREN MISSOURI  
INCENTIVE COMPENSATION  
True-Up Through 5/31/2019

MONTH AMEREN SERVICES	Performance Incentive	
	EXECUTIVE	CONTRACT
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	1,652,008	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
<b>TOTAL 2014</b>	<b>18,197,190</b>	<b>671,908</b>
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
<b>TOTAL 2015</b>	<b>16,849,705</b>	<b>402,966</b>
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
MAY	1,512,728	51,435
JUN	1,505,523	51,435
JUL	1,502,304	54,697
AUG	1,509,758	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)
<b>TOTAL 2016</b>	<b>19,346,115</b>	<b>213,969</b>
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
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
<b>TOTAL 2017</b>	<b>25,255,969</b>	<b>732,459</b>

AMEREN MISSOURI  
INCENTIVE COMPENSATION  
True-Up Through 5/31/2019

MONTH AMEREN SERVICES	Performance Incentive	
	EXECUTIVE	CONTRACT
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
<b>TOTAL 2018</b>	<b>30,136,039</b>	<b>591,053</b>
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
<b>TOTAL 2019</b>	<b>7,601,720</b>	<b>250,072</b>



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

	<u>TOTAL COMPANY</u>	<u>ELECTRIC OPERATIONS</u>	<u>GAS 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:	<u>5,200,333</u>	<u>-</u>	<u>5,200,333</u>
TOTAL FUEL & GEN. M. & S.	<u>\$ 232,959,246</u>	<u>\$ 225,982,393</u>	<u>\$ 6,976,853</u>

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

	<b>STORED GAS (1)</b>	<b>MATERIALS &amp; SUPPLIES (2)</b>
MAY, 2018	\$ 3,110,592	\$ 220,583,523
JUNE	4,751,734	221,468,685
JULY	6,154,621	223,139,234
AUGUST	7,445,083	225,945,602
SEPTEMBER	9,145,221	227,198,683
OCTOBER	10,177,080	227,360,394
NOVEMBER	9,084,986	230,180,227
DECEMBER	6,801,222	229,751,749
JANUARY, 2019	3,968,679	229,915,621
FEBRUARY	1,612,943	232,132,293
MARCH	763,705	230,141,421
APRIL	1,510,623	230,785,973
MAY	3,077,838	232,262,462
<b>TOTAL</b>	<b>\$ 67,604,327</b>	<b>\$ 2,960,865,867</b>
<b>AVERAGE</b>	<b>\$ 5,200,333</b>	<b>\$ 227,758,913</b>

(1) Per HFM A-10.

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

Ameren Missouri  
MATERIALS AND SUPPLIES - ACCOUNT 154  
December 31, 2017

LINE	NAME	PER REPORT POSTED BT BALANCE	PURCHASES & REJECTS	UNPAID RCPTS ACCT 154-01	ROUNDING ADJUSTMENTS	ADJUSTED BALANCES	ALLOCATION FACTOR	PRODUCTION	ELECTRIC TRANSMISSION	DISTRIBUTION	GAZ MISCELL
1	DORSETT GENERAL	\$ 20,448,509	\$ -	\$ 615,878	(747,723)	\$ 22,716,762	See Sch	\$ 386,185	\$ 817,883	\$ 21,512,774	\$ -
2	GALLWAY PLANT	80,809,910	-	333,831	(1,252,745)	80,892,006	Direct	40,022,000	-	-	-
3	WENTZVILLE	1,000,000	-	719,481	(111,266)	1,108,215	Direct	-	-	9,785,843	-
4	MAU STAIRWAY TOOLS - DORSETT	729,207	-	-	-	729,207	See Sch	-	-	719,571	-
5	SPARE PARTS - SUBSTATIONS ONLY	-	-	-	-	-	Direct	-	-	-	-
6	GRATNOT GARAGE	-	-	-	-	-	Direct	-	-	-	-
7	GENCO PLANT	11,301,688	-	53,805	(175,000)	11,180,493	Direct	11,180,154	-	-	-
8	WENTZVILLE	1,000,000	-	1,000,000	-	2,000,000	Direct	1,000,000	-	-	-
9	LABADIE PLANT	27,774,257	-	232,541	(430,211)	27,576,587	Direct	27,576,587	-	-	-
10	RUSH ISLAND PLANT	10,682,902	-	155,029	(238,415)	10,600,516	Direct	10,600,516	-	-	-
11	ELLISVILLE HEADQUARTERS	(1,080)	-	-	17	(1,063)	Direct	-	-	(1,068)	-
12	CABLE - HELD FOR TEST	(27,130)	-	46,098	420	13,358	Direct	-	-	13,358	-
13	MACENZIE HEADQUARTERS	(3,287)	-	-	51	(3,236)	Direct	-	-	(3,236)	-
14	BERKELEY HEADQUARTERS	(303)	-	-	0	(303)	Direct	-	-	(303)	-
15	ST CHARLES HEADQUARTERS	15,083	-	-	(234)	14,849	Direct	-	-	14,849	-
16	WENTZVILLE	39,295	-	-	(809)	38,486	Direct	-	-	38,486	-
17	DORSETT HEADQUARTERS	(1,264)	-	-	20	(1,244)	Direct	-	-	(1,244)	-
18	FRANKLIN HEADQUARTERS	(8,283)	-	17,541	97	11,345	Direct	-	11,345	-	-
19	ST CHARLES HEADQUARTERS	2,815,284	-	8,283	(19,287)	2,804,280	Direct	-	2,804,280	-	-
20	WENTZVILLE	118,253	-	13,118	(25)	130,946	Direct	-	130,946	-	-
21	HOUSE SPRINGS	81,372	-	-	(1,415)	79,957	Direct	-	-	79,957	-
22	MAU STORIN CAPE	474,338	-	2,859	(7,347)	469,850	Direct	-	-	469,850	-
23	RIVERVIEW'S CONSTRUCTION	23,360	-	-	(350)	23,010	Direct	-	-	23,010	-
24	WENTZVILLE	184,033	-	-	-	184,033	Direct	-	-	184,033	-
25	STORES SHOP - DORSETT	611,133	-	349	(2,851)	611,729	Direct	-	-	611,729	-
26	TAMM SALUK	15,000	-	19,287	(10,000)	24,287	Direct	-	-	24,287	-
27	WENTZVILLE	831,408	-	-	(81)	831,327	Direct	-	643,318	9,348	-
28	LAKEOSHOE	(272,985)	-	301,885	4,237	32,937	Direct	-	32,937	-	-
29	WENTZVILLE	9,122	-	-	(54)	9,068	Direct	-	-	9,068	-
30	RONTONPOTOSI	1,797,170	-	-	(56)	1,797,114	Direct	-	-	1,797,114	-
31	CAPE GIRARDEAU	290,178	-	30,315	(27,834)	292,659	Direct	-	-	292,659	-
32	WENTZVILLE	524	-	-	(4,824)	(4,300)	Direct	-	-	(4,300)	-
33	COLUMBIA	524	-	-	(8)	516	Direct	-	-	516	-
34	VERMILION	67	-	28,243	(45,181)	2,925	Direct	-	-	2,925	-
35	JEFFERSON CITY	17,913	-	10,151	115	28,169	Direct	-	-	28,169	-
36	EXCELSIOR SPRINGS	(9,374)	-	9,824	145	3,695	Direct	-	-	3,695	-
37	BOONVILLE	748	-	-	(12)	736	Direct	-	-	736	-
38	MOBERLY	147,385	-	-	(2)	147,383	Direct	-	-	147,383	-
39	WENTZVILLE	426,500	-	4,210	(6,806)	423,904	Direct	-	-	423,904	-
40	GERALD	30,684	-	-	8	30,692	Direct	-	-	30,692	-
41	WENTZVILLE	80,218	-	1,450	(476)	81,192	Direct	-	-	81,192	-
42	WENTZVILLE	625,008	-	1,882	(9,862)	616,028	Direct	-	-	616,028	-
43	PEHO CREEK CTG	789,214	-	722	(12,224)	777,712	Direct	-	-	777,712	-
44	MEXICO CTG	43,478	-	-	(873)	42,605	Direct	-	-	42,605	-
45	MOBERLY CTG	5,103	-	170	-	5,273	Direct	-	-	5,273	-
46	WENTZVILLE	14,200	-	-	(223)	14,275	Direct	-	-	14,275	-
47	ONLINE TRANSMISSIONS	1,010,157	-	4,500	(24,941)	1,089,716	Direct	-	-	1,089,716	-
48	PHOENIXVILLE CTG	1,305	-	-	(20)	1,285	Direct	-	-	1,285	-
49	CONTRACTOR PSEUDO	828,478	-	-	(9,704)	818,774	Direct	-	-	818,774	-
50	ADOLPH CTG	3,414,684	-	200	(32,824)	3,382,060	Direct	-	-	3,382,060	-
51	WENTZVILLE	808,164	-	1,882	(9,429)	800,617	Direct	-	-	800,617	-
52	MARYLAND HEIGHTS CTG	22	-	-	(1)	21	Direct	-	-	21	-
53	WENTZVILLE	204,827,884	-	2,851,482	(3,174,297)	204,655,149	Direct	-	-	204,655,149	-
54	ACCOUNT 154-20 (TRUCK PARTS)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
55	ACCOUNT 154-20 (TRUCK STORES)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
56	ACCOUNT 154-20 (IPWR PLANT TRNSF)	985,833	-	-	-	985,833	Direct	-	-	985,833	-
57	ACCOUNT 154-085 LAMESTONE 3/4 INCH	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
58	ACCOUNT 154-089 ACTIVATED CARBON	-	-	-	-	-	Direct	-	-	-	-
59	WENTZVILLE	21,873,394	-	2,851,482	(3,174,297)	21,550,579	Direct	-	-	21,550,579	-
60	TOTAL ACCOUNT 154-20 & 22 EXCL TRUCK!	204,827,884	-	2,851,482	(3,174,297)	204,655,149	Direct	-	-	204,655,149	-
61	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
62	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
63	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
64	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
65	TOTAL MATERIALS AND SUPPLIES (F43 A11)	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
66	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
67	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
68	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
69	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
70	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
71	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
72	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
73	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
74	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
75	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED (of each)	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
76	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
77	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
78	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
79	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
80	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
81	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
82	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
83	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
84	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
85	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
86	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
87	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
88	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
89	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
90	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
91	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
92	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
93	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
94	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
95	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED	\$ 210,873,394	\$ -	\$ 2,851,482	\$(3,174,297)	\$ 210,550,579		\$ 170,606,658	\$ 4,046,775	\$ 37,644,000	\$ 1,653,333
96	ACCOUNT 154-20 (TRUCK STORES)	4,453,023	-	-	-	4,453,023	Direct	-	-	4,453,023	-
97	ACCOUNT 154-20 (IPWR PLANT TRNSF)	1,118,210	-	-	-	1,118,210	Direct	-	-	1,118,210	-
98	ACCOUNT 154-085 LAMESTONE 3/4 INCH	985,833	-	-	-	985,833	Direct	-	-	985,833	-
99	ACCOUNT 154-089 ACTIVATED CARBON	1,108,264	-	-	-	1,108,264	Direct	-	-	1,108,264	-
100	TOTAL MATERIALS AND SUPPLIES UNDISTRIBUTED	\$ 210,8									

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

	<u>TOTAL COMPANY</u>	<u>ELECTRIC</u>	<u>GAS</u>
AVERAGE PREPAYMENTS			
RENTS (1) (ELEC ONLY)	9,277	9,277	-
INSURANCE - DIRECT (2)	9,110,931	8,509,139	601,792
REG. COMMISSION ASSESSMENTS (1)	60,806	60,806	-
IMAGING SOFTWARE (ELEC ONLY)	26,243	25,739	504
FUELOWERK SOFTWARE (ELEC ONLY)	15,989	15,682	307
OPTIV GIGAMON MAINTENANCE (1)	-	-	-
SNOW ENTERPRISE SUBSCRIPTION (1)	-	-	-
CAROUSEL (AVAYA) MAINTENANCE (1)	55,181	54,122	1,059
M/A COM RADIO SYSTEM SERVICE AGRMNT (1)	4,320,421	4,237,469	82,952
MEDICAL & DENTAL VEBA-MANAGEMENT (1)	-	-	-
MEDICAL & DENTAL VEBA-CONTRACT (1)	-	-	-
SYBASE MAINTENANCE (ELECTRIC ONLY)	-	-	-
MICROSOFT ENTERPRISE APPLICATIONS (1)	(11)	(11)	-
SECUREWORKS APPLICATIONS (1)	102,157	-	102,157
ENERGY EFFICIENCY PROGRAM VENDORS (GAS ONLY)	786,716	786,716	-
NSR & OPACITY LITIGATION (ELEC ONLY)	-	-	-
ENTERPRISE SAFETY MANAGEMENT (1)	100,307	100,307	-
ABB POWER CARE CONTRACT (ELEC ONLY)	103,201	103,201	-
COAL CAR LEASE	-	-	-
<b>TOTAL AVERAGE PREPAYMENTS</b>	<b>\$ 14,691,218</b>	<b>\$ 13,902,447</b>	<b>\$ 788,771</b>

**OPERATING EXPENSES**  
**12 MONTHS ENDED 06/30/2018**

	<u>TOTAL COMPANY</u>	<u>ELECTRIC</u>	<u>GAS</u>
OPERATING EXPENSES			
MISSOURI (3)	\$ 1,847,941,593	\$ 1,760,011,806	\$ 87,929,787
ILLINOIS	-	-	-
LESS:			
PURCHASED POWER (3)	78,281,435	78,281,435	-
UNDER/OVER RECOVERED FUEL ADJ CLAUSE (FAC)	(39,321,575)	(39,321,575)	-
PURCHASED GAS (3)	54,150,970	-	54,150,970
RATE REFUND AMORTIZATION	-	-	-
TOTAL ADJUSTMENTS	<u>93,110,830</u>	<u>38,959,860</u>	<u>54,150,970</u>
<b>ADJUSTED OPERATING EXPENSES</b>	<b>\$ 1,754,830,763</b>	<b>\$ 1,721,051,946</b>	<b>\$ 33,778,817</b>
ALLOCATION FACTOR FOR PREPAYMENTS	100.00%	98.08%	1.92%

(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  
CASH WORKING CAPITAL  
12 MONTHS ENDED 06/30/2018**

	<u>REVENUE</u>	<u>EXPENSE</u>				<u>CASH WORKING</u>
	<u>LAG</u>	<u>LAG</u>	<u>NET LAG</u>	<u>FACTOR</u>	<u>EXPENSE</u>	<u>CAPITAL</u>
						<u>REQUIREMENT</u>
<b>OPERATION AND MAINTENANCE</b>						
PAYROLL & WITHHOLDINGS	38.65	(10.29)	28.360	0.077699	\$ 14,307,624	\$ 1,111,688
PENSIONS AND BENEFITS	38.65	(16.89)	21.760	0.059616	1,376,179	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	-	370,823	-
OTHER OPERATING EXPENSES	38.65	(37.84)	0.810	0.002219	<u>14,965,528</u>	<u>33,209</u>
<b>TOTAL O&amp;M EXPENSES</b>					32,022,840	
<b>TOTAL CASH WORKING CAPITAL REQUIREMENT FOR O&amp;M</b>						1,067,467
<b>TAXES AND OTHER EXPENSES</b>						
PAYROLL TAXES	38.65	(9.50)	29.150	0.079863	925,802	73,937
CORPORATE FRANCHISE TAXES	0.00	0.00	0.000	-	-	-
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)	<u>7,039,608</u>	<u>(46,483)</u>
<b>TOTAL TAXES AND OTHER EXPENSES</b>					19,870,215	
<b>TOTAL CUSTOMER SUPPLIED FUNDS</b>						<u>(3,045,784)</u>
<b>CASH WORKING CAPITAL REQUIREMENT</b>						<u>(1,978,317)</u>
<b>TAX OFFSET FROM RATE BASE:</b>						
FEDERAL TAX OFFSET	38.65	(37.88)	0.775	0.002123	3,231,761	7,000
STATE TAX OFFSET	38.65	(37.88)	0.775	0.002123	918,230	2,000
CITY TAX OFFSET	38.65	(273.50)	(234.850)	(0.643425)	22,040	(14,000)
INTEREST EXPENSE OFFSET	38.65	(89.31)	(50.660)	(0.138795)	5,393,000	<u>(749,000)</u>
						(754,000)
<b>TOTAL NET CASH WORKING CAPITAL REQUIREMENT</b>						<u>\$ (2,732,317)</u>

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

**PENSIONS AND BENEFITS**

Employee Benefits (Excluding Pensions and OPEB)	\$ 2,011,155
Employee Benefit adjustment for Staff Annualization	133,051
Pension & OBEB Rebase	(826,618)
Non-Qualified Pension	58,591
	<u>\$ 1,376,179</u>

**PAYROLL**

Total Operating and Maintenance Labor	\$ 15,310,310
Incentive Compensation	(1,002,686)
Total Operating and Maintenance Labor	<u>\$ 14,307,624</u>

Union Electric Company d/b/a Ameren Missouri  
Missouri Sales Tax Payments

month	quarter monthly # 1		quarter monthly # 2		quarter monthly # 3		quarter monthly # 4		paid with return		Total Tax Per Return	Electric Tax	Gas Tax	Electric 2% Ded	Gas 2% Ded
	date	amount	date	amount	date	amount	date	amount	date	amount					
May-18	05/07/2018	1,250,000	05/15/2018	1,250,000	05/22/2018	1,250,000	05/31/2018	1,250,000	06/20/2018	528,966.26	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	9,174,243.34	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	10,033,008.89	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	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	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)	5,451,311.68	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	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	5,410,505.35	453,148.00	108,210.08	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	5,479,376.01	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	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)	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	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	0.00				
Jun-19										0.00	0.00				
Jul-19										0.00	0.00				
Aug-19										0.00	0.00				
Sep-19										0.00	0.00				
Oct-19										0.00	0.00				
Nov-19										0.00	0.00				
Dec-19										0.00	0.00				
<b>Totals</b>										<b>82,071,585.35</b>	<b>78,644,812.45</b>	<b>3,426,772.90</b>	<b>1,572,896.22</b>	<b>68,535.46</b>	



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

<u>DATE</u>	<u>MO. ELEC.</u>	<u>ILL. ELEC.</u>	<u>TOTAL ELEC.</u>	<u>MO. GAS</u>	<u>ILL. GAS</u>	<u>TOTAL GAS</u>	<u>TOTAL</u>
05/31/2018	\$ 7,443,238	\$ -	\$ 7,443,238	\$ 2,640,661	\$ -	\$ 2,640,661	\$ 10,083,899
06/30/2018	7,471,988	-	7,471,988	2,717,651	-	2,717,651	10,189,638
07/31/2018	7,295,213	-	7,295,213	2,795,401	-	2,795,401	10,090,614
08/31/2018	7,060,724	-	7,060,724	2,873,102	-	2,873,102	9,933,826
09/30/2018	7,359,379	-	7,359,379	2,951,013	-	2,951,013	10,310,392
10/31/2018	7,369,349	-	7,369,349	3,051,508	-	3,051,508	10,420,857
11/30/2018	7,030,467	-	7,030,467	3,092,436	-	3,092,436	10,122,903
12/31/2018	6,767,712	-	6,767,712	537,696	-	537,696	7,305,408
01/31/2019	6,949,651	-	6,949,651	540,649	-	540,649	7,490,299
02/28/2019	7,136,736	-	7,136,736	535,556	-	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	-	496,121	6,387,699
05/31/2019	4,678,857	-	4,678,857	496,849	-	496,849	5,175,706
<b>TOTAL</b>	<b>\$ 88,875,904</b>	<b>\$ -</b>	<b>\$ 88,875,904</b>	<b>\$ 23,222,437</b>	<b>\$ -</b>	<b>\$ 23,222,437</b>	<b>\$ 112,098,340</b>
<b>AVERAGE</b>	<b>\$ 6,836,608</b>	<b>\$ -</b>	<b>\$ 6,836,608</b>	<b>\$ 1,786,341</b>	<b>\$ -</b>	<b>\$ 1,786,341</b>	<b>\$ 8,622,949</b>

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

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



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

	<u>Total Deposits To Electric</u>	<u>% Interest</u>	<u>Electric Interest</u>	<u>Total Deposits To Gas</u>	<u>% Interest</u>	<u>Gas Interest</u>	<u>Total Interest</u>
Missouri	\$ 26,837,194	6.25%	\$ 1,677,325	\$ 626,747	5.25%	\$ 32,904	\$ 1,710,229
	1,573,844	6.25%	98,365	343,876	5.25%	18,053	116,418
	<u>\$ 28,411,038</u>		<u>\$ 1,775,690</u>	<u>\$ 970,623</u>		<u>\$ 50,957</u>	<u>\$ 1,826,647</u>

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).

	UEC direct portion										OPEB										
	Pensions					254TRP/25ANTP					254TRP/25ANTP					254TRO/25ANTO					
	Cost built into Rates (A)	Actual FAS 87 costs	Actual Serv OBM %	Actual NS OBM %	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Actual O&M NS Exp	Difference
January 2015	89,933	146,110	68.4%	68.4%	100,002	100,007	100,002	10,069	10,069	25,469	25,469	15,753	15,753	71.3%	71.3%	11,229	11,229	12,386	12,386	12,386	(14,240)
February 2015	89,933	146,110	69.4%	69.4%	101,407	101,407	101,407	11,474	11,474	25,469	25,469	15,753	15,753	78.6%	78.6%	12,386	12,386	12,386	12,386	12,386	(13,083)
March 2015	89,933	146,110	67.4%	67.4%	98,499	98,499	98,499	8,566	8,566	25,469	25,469	15,753	15,753	77.3%	77.3%	12,181	12,181	12,386	12,386	12,386	(13,288)
April 2015	89,933	146,110	71.1%	71.1%	103,884	103,884	103,884	13,951	13,951	25,469	25,469	15,753	15,753	62.7%	62.7%	9,877	9,877	12,386	12,386	12,386	(15,592)
May 2015	89,933	146,110	72.2%	72.2%	105,491	105,491	105,491	15,558	15,558	25,469	25,469	15,753	15,753	64.3%	64.3%	10,129	10,129	12,386	12,386	12,386	(15,340)
June 2015	89,933	146,110	70.4%	70.4%	102,022	102,022	102,022	13,911	13,911	25,469	25,469	15,753	15,753	62.1%	62.1%	10,296	10,296	12,386	12,386	12,386	(15,827)
July 2015	89,933	136,366	67.4%	67.4%	91,911	91,911	91,911	1,978	1,978	25,469	25,469	21,539	21,539	61.7%	61.7%	13,290	13,290	12,386	12,386	12,386	(12,178)
August 2015	89,933	136,366	71.3%	71.3%	97,229	97,229	97,229	7,296	7,296	25,469	25,469	21,539	21,539	66.0%	66.0%	14,216	14,216	12,386	12,386	12,386	(11,253)
September 2015	89,933	136,366	69.6%	69.6%	94,911	94,911	94,911	4,978	4,978	25,469	25,469	21,539	21,539	63.8%	63.8%	13,785	13,785	12,386	12,386	12,386	(11,684)
October 2015	89,933	136,366	75.9%	75.9%	103,502	103,502	103,502	13,742	13,742	25,469	25,469	21,539	21,539	68.2%	68.2%	14,259	14,259	12,386	12,386	12,386	(11,727)
November 2015	89,933	136,366	77.2%	77.2%	105,275	105,275	105,275	15,342	15,342	25,469	25,469	21,539	21,539	66.2%	66.2%	14,259	14,259	12,386	12,386	12,386	(11,210)
December 2015	89,933	136,366	76.2%	76.2%	103,911	103,911	103,911	13,978	13,978	25,469	25,469	21,539	21,539	64.5%	64.5%	13,893	13,893	12,386	12,386	12,386	(11,576)
January 2016	89,933	85,403	70.1%	70.1%	59,867	59,867	59,867	10,066	10,066	25,469	25,469	12,165	12,165	49.3%	49.3%	5,988	5,988	12,386	12,386	12,386	(19,471)
February 2016	89,933	85,403	68.9%	68.9%	58,842	58,842	58,842	10,091	10,091	25,469	25,469	12,165	12,165	49.3%	49.3%	5,988	5,988	12,386	12,386	12,386	(19,471)
March 2016	89,933	85,403	69.7%	69.7%	59,526	59,526	59,526	10,047	10,047	25,469	25,469	12,165	12,165	51.5%	51.5%	6,000	6,000	12,386	12,386	12,386	(19,471)
Q1 2016	268,798	256,208	69.6%	69.6%	178,321	178,321	178,321	30,478	30,478	76,407	76,407	36,499	36,499	72.8%	72.8%	26,571	26,571	76,407	76,407	76,407	(102,978)
April 2016	89,933	85,403	68.8%	68.8%	58,757	58,757	58,757	31,176	31,176	25,469	25,469	12,166	12,166	75.7%	75.7%	9,210	9,210	12,386	12,386	12,386	(34,679)
May 2016	89,933	85,403	65.0%	65.0%	55,512	55,512	55,512	34,421	34,421	25,469	25,469	12,166	12,166	74.2%	74.2%	9,027	9,027	12,386	12,386	12,386	(34,496)
June 2016	89,933	85,403	70.8%	70.8%	60,465	60,465	60,465	29,468	29,468	25,469	25,469	12,166	12,166	76.6%	76.6%	9,563	9,563	12,386	12,386	12,386	(35,032)
July 2016	89,933	42,444	72.4%	72.4%	30,729	30,729	30,729	120,662	120,662	25,469	25,469	8,814	8,814	60.5%	60.5%	2,265	2,265	12,386	12,386	12,386	(27,734)
August 2016	89,933	67,133	74.1%	74.1%	49,746	49,746	49,746	40,187	40,187	25,469	25,469	10,819	10,819	82.4%	82.4%	8,915	8,915	12,386	12,386	12,386	(34,384)
September 2016	89,933	67,133	74.4%	74.4%	49,847	49,847	49,847	39,986	39,986	25,469	25,469	10,819	10,819	82.8%	82.8%	8,958	8,958	12,386	12,386	12,386	(34,427)
October 2016	89,933	67,133	79.6%	79.6%	53,438	53,438	53,438	36,495	36,495	25,469	25,469	10,819	10,819	91.1%	91.1%	9,856	9,856	12,386	12,386	12,386	(35,325)
November 2016	89,933	67,133	78.0%	78.0%	52,364	52,364	52,364	37,569	37,569	25,469	25,469	10,819	10,819	90.1%	90.1%	9,748	9,748	12,386	12,386	12,386	(35,217)
December 2016	89,933	67,133	78.1%	78.1%	52,431	52,431	52,431	37,502	37,502	25,469	25,469	10,819	10,819	90.2%	90.2%	9,758	9,758	12,386	12,386	12,386	(35,228)
January 2017	89,933	58,470	59.0%	59.0%	34,497	34,497	34,497	65,436	65,436	25,469	25,469	7,904	7,904	118.1%	118.1%	9,335	9,335	12,386	12,386	12,386	(34,664)
February 2017	89,933	58,470	61.8%	61.8%	41,981	41,981	41,981	47,952	47,952	25,469	25,469	7,904	7,904	78.4%	78.4%	6,197	6,197	12,386	12,386	12,386	(34,664)
March 2017	89,933	58,470	65.6%	65.6%	38,356	38,356	38,356	51,577	51,577	25,469	25,469	7,904	7,904	73.8%	73.8%	5,833	5,833	12,386	12,386	12,386	(31,302)
April 2017	89,933	58,470	72.0%	72.0%	42,098	42,098	42,098	47,835	47,835	25,469	25,469	7,904	7,904	51.0%	51.0%	4,031	4,031	12,386	12,386	12,386	(29,500)
May 2017	89,933	58,470	64.7%	64.7%	37,830	37,830	37,830	52,103	52,103	25,469	25,469	7,904	7,904	38.6%	38.6%	3,051	3,051	12,386	12,386	12,386	(28,520)
June 2017	89,933	58,470	69.7%	69.7%	41,650	41,650	41,650	48,283	48,283	25,469	25,469	7,904	7,904	47.9%	47.9%	6,214	6,214	12,386	12,386	12,386	(31,683)
July 2017	89,933	58,470	71.0%	71.0%	41,648	41,648	41,648	48,285	48,285	25,469	25,469	7,904	7,904	68.0%	68.0%	5,941	5,941	12,386	12,386	12,386	(31,410)
August 2017	89,933	58,470	68.8%	68.8%	40,944	40,944	40,944	48,989	48,989	25,469	25,469	7,904	7,904	67.2%	67.2%	5,871	5,871	12,386	12,386	12,386	(31,340)
September 2017	89,933	58,470	63.7%	63.7%	37,366	37,366	37,366	52,567	52,567	25,469	25,469	7,904	7,904	61.6%	61.6%	5,163	5,163	12,386	12,386	12,386	(30,632)
October 2017	89,933	58,470	64.6%	64.6%	37,894	37,894	37,894	50,908	50,908	25,469	25,469	7,904	7,904	60.9%	60.9%	5,320	5,320	12,386	12,386	12,386	(30,789)
November 2017	89,933	58,470	66.7%	66.7%	39,125	39,125	39,125	50,908	50,908	25,469	25,469	7,904	7,904	63.4%	63.4%	5,539	5,539	12,386	12,386	12,386	(31,008)
December 2017	89,933	58,470	69.1%	69.1%	40,533	40,533	40,533	49,400	49,400	25,469	25,469	7,904	7,904	66.2%	66.2%	5,784	5,784	12,386	12,386	12,386	(31,253)
January 2018	89,933	57,035	57.5%	57.5%	85,808	85,808	85,808	92,069	92,069	25,469	25,469	291	291	138.9%	138.9%	44,052	44,052	12,386	12,386	12,386	(11,296)
February 2018	89,933	57,035	65.7%	65.7%	97,924	97,924	97,924	84,079	84,079	25,469	25,469	291	291	65.7%	65.7%	21,138	21,138	12,386	12,386	12,386	(36,210)
March 2018	89,933	57,035	60.9%	60.9%	90,794	90,794	90,794	91,209	91,209	25,469	25,469	291	291	54.4%	54.4%	14,940	14,940	12,386	12,386	12,386	(62,268)
April 2018	89,933	57,035	66.4%	66.4%	98,937	98,937	98,937	83,065	83,065	25,469	25,469	291	291	66.9%	66.9%	21,520	21,520	12,386	12,386	12,386	(35,828)
May 2018	89,933	57,035	66.8%	66.8%	99,594	99,594	99,594	82,408	82,408	25,469	25,469	291	291	67.1%	67.1%	21,588	21,588	12,386	12,386	12,386	(35,760)
June 2018	89,933	63,593	60.4%	60.4%	75,739	75,739	75,739	76,002	76,002	25,469	25,469	19,634	19,634	70.9%	70.9%	25,946	25,946	12,386	12,386	12,386	(56,246)
July 2018	89,933	58,156	59.7%	59.7%	86,613	86,613	86,613	61,808	61,808	25,469	25,469	3,072	3,072	57.7%	57.7%	19,005	19,005	12,386	12,386	12,386	(55,769)
August 2018	89,933	58,156	52.1%	52.1%	75,536	75,536	75,536	101,360	101,360	25,469	25,469	3,072	3,072	52.2%	52.2%	17,173	17,173	12,386	12,386	12,386	(42,453)
September 2018	89,933	58,156	61.2%	61.2%	88,968	88,968	88,968	88,963	88,												









**AMEREN MISSOURI  
ACCUMULATED DEFERRED INCOME TAXES  
06/30/2018**

	ALLOWED IN RATES			
	BALANCE AT 06/30/18	BALANCE AT 06/30/18	BALANCE AT 05/31/19 TRUE-UP	PRO FORMA ADJUSTMENT
<b>ACCOUNT 190:</b>				
MINORS 611 & 612 120-INJURIES & DAMAGES RESERVE (1)	\$ 757,070	\$ -	\$ -	-
MINORS 611 & 612 140-UNCOLLECTIBLE ACCOUNTS (1)	165,374	-	-	-
MINORS 611 & 612 186-CHARITABLE CONTRIBUTION-GAS (1)	368,175	-	-	-
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	-	-	-
MINORS 611 & 612 643 OVER/UNDER ACCRUAL OF FRANCHISE TAX (1)	37	-	-	-
MINORS 611 & 612 643 OVER/UNDER ACCRUAL OF PROPERTY TAX (1)	129,853	-	-	-
MINORS 611 & 612 680-PENSION EXPENSE (1)	506,531	-	-	-
MINORS 611 & 612 681-PENSION/OPEB TRACKER	2,501,791	2,501,791	935,178	(1,566,613)
MINORS 611 & 612 900-VACATION PAY ADJUSTMENT (1)	377,212	-	-	-
MINORS 611 & 612 TXR DEF ASSET REG (1)	(758,178)	-	-	-
MINORS 611 & 612 - TAX REFORM	566,780	566,780	614,318	47,538
MINOR 100 FAS 109 (1)	86,900	-	-	-
<b>TOTAL ACCOUNT 190</b>	<b>\$ 6,678,495</b>	<b>\$ 3,825,543</b>	<b>\$ 2,360,368</b>	<b>\$ (1,465,175)</b>
<b>ACCOUNT 282:</b>				
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)	(33,360)
MINOR 147 PROPERTY RELATED CWIP - FEDERAL (1)	(15,629)	-	-	-
MINOR 148 TAX REFORM - STATE	(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	-	-	-
MINOR 353 ADJ TO FAS 109 REGULATORY ASSET - FED (1)	(79,658)	-	-	-
MINOR 356 REGULATORY ASSET GROSS UP (1)	9,401,801	-	-	-
MINOR 753 AFUDC EQUITY CWIP - FEDERAL (1)	(5,278)	-	-	-
MINOR 754 AFUDC EQUITY CWIP - STATE (1)	(1,427)	-	-	-
MINOR TXR ADIT CWIP REG ASSET	(8,521,015)	-	-	-
<b>TOTAL ACCOUNT 282</b>	<b>\$ (44,524,812)</b>	<b>\$ (72,754,728)</b>	<b>\$ (78,361,170)</b>	<b>\$ (5,606,442)</b>
<b>ACCOUNT 283:</b>				
MINORS 651 & 652 TAX REFORM	\$ (146,172)	\$ (146,172)	(140,081)	6,091
MINORS 651 & 652 383-ENERGY EFFICIENCY REG ASSET	(230,962)	(230,962)	(9,137)	221,825
MINORS 651 & 652 383-EXCESS TRACKER	-	-	3,940	3,940
MINORS 651 & 652 590-MANUFACTURED GAS CLEAN-UP (BOOK) (1)	422,048	-	-	-
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	-	-	-
<b>TOTAL ACCOUNT 283</b>	<b>\$ 131,027</b>	<b>\$ (486,555)</b>	<b>\$ (261,483)</b>	<b>\$ 225,072</b>
<b>TOTAL ACCUMULATED DEFERRED INCOME TAXES</b>	<b>\$ (37,715,290)</b>	<b>\$ (69,415,740)</b>	<b>\$ (76,262,285)</b>	<b>\$ (6,846,545)</b>

(1) Excluded from Rate Base Calculations

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

	Acct	Test Year	Pro Forma	
			Amount	Adjustment
Software Rentals Revenue	454	\$ -	\$ 217,068	\$ 217,068
Software Rental Expense	931	\$ 670,575	\$ 638,640	\$ (31,935)
				Increase Revenue
				Decrease Expense

2018 Data

Corporation	Utility	Business Division	Major-Minor	Activity	Resource Type	Amount
UEC	2	82	931AIC	RSFT	NS	280,084.08
UEC	2	89	931AIC	ACOS	NS	37,935.76
UEC	2	89	931ITC	ACOS	NS	6,694.80
<b>Grand Total</b>						<b>324,714.64</b>

Year Number is equal to 2018  
 and Period Key is between 201801 and 201806  
 and Util is equal to 2  
 and ACCTCD is equal to 931ITC, 931AIC  
 and CRP is equal to UEC  
 and Amount Type Code is equal to / is in 1

2017 Data

Corporation	Utility	Business Division	Major-Minor	Activity	Resource Type	Amount
UEC	2	82	931	RSFT	NS	299,340.00
UEC	2	89	931	ACOS	NS	46,519.68
<b>Grand Total</b>						<b>345,859.68</b>

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

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	(All)

Sum of Amount Row Labels	Column 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)
<b>Grand Total</b>	<b>(21,820.00)</b>	<b>(1,188,995.00)</b>	<b>(1,210,815.00)</b>
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 Revenue)	Increase Revenue	

AMEREN MISSOURI  
TOTAL ANNUALIZED LABOR ADJUSTMENT - SUMMARY  
TWELVE MONTHS ENDED JUNE 30, 2019

GAS	a LABOR EXPENSE 12 MOS. ENDED 06/30/18	b INCENTIVE COMPENSATION DISTRIBUTION 12mos 6/30/18	c LONG TERM INCENTIVE COMPENSATION 12mos 06/30/18	e LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION (a-b-c)	f-1 PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	f-2 PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	g ANNUALIZED LABOR	h-1 PRO FORMA WAGE INCR. EFFECTIVE (g* h-1 [rate])	h-2 PRO FORMA WAGE INCR. EFFECTIVE (g* h-2 [rate])	i TOTAL PRO FORMA ANNUALIZED LABOR	j TOTAL PRO FORMA ANNUALIZED LABOR	k	
												PRO FORMA WAGE INCR. EFFECTIVE (i-h-1)	PRO FORMA WAGE INCR. EFFECTIVE (i-h-2)
PRODUCTION	\$ 606,872	\$ 102,754	\$ 53,647	\$ 452,471	\$ 6,152	\$ -	\$ 458,623	\$ 13,850	\$ -	\$ 20,002	\$ 472,473	\$ -	\$ 93
TRANSMISSION	3,823	51	-	3,572	-	71	3,643	22	-	210	3,853	22	63
DISTRIBUTION	7,139,494	454,109	31,242	6,654,143	38,875	102,789	6,756,922	77,953	-	210,417	6,967,339	22	93
CUSTOMER ACCOUNTS	1,350,876	90,831	18,423	1,234,822	7,977	15,942	1,250,799	10,275	-	42,104	1,292,903	-	93
CUSTOMER SERVICE & INFO	635,862	27,447	9,350	799,005	540	18,976	818,521	1,224	-	20,740	819,745	-	93
SALES	72,503	10,387	-	62,116	755	-	62,871	1,099	-	2,854	64,770	-	93
ADMIN. & GENERAL	4,707,448	699,840	454,884	3,552,624	39,172	15,917	3,607,113	90,341	-	144,530	3,807,454	-	93
TOTAL ELECTRIC	14,718,618	1,394,019	565,548	12,759,053	93,271	152,795	13,005,119	203,584	-	449,630	13,208,683	-	93

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

GAS	a LABOR EXPENSE 12 MOS. ENDED 06/30/18	b INCENTIVE COMPENSATION DISTRIBUTION 12mos 6/30/18	c LONG TERM INCENTIVE COMPENSATION 12mos 06/30/18	e LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION (a-b-c)	f-1 PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	f-2 PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	g ANNUALIZED LABOR	h-1 PRO FORMA WAGE INCR. EFFECTIVE (g* h-1 [rate])	h-2 PRO FORMA WAGE INCR. EFFECTIVE (g* h-2 [rate])	i TOTAL PRO FORMA ANNUALIZED LABOR	j TOTAL PRO FORMA ANNUALIZED LABOR	k	
												PRO FORMA WAGE INCR. EFFECTIVE (i-h-1)	PRO FORMA WAGE INCR. EFFECTIVE (i-h-2)
PRODUCTION	\$ 2,871	24	-	2,847	71	2,918	2,918	71	-	71	2,918	-	71
TRANSMISSION	4,227,660	116,055	-	4,111,605	-	102,789	4,214,394	-	-	102,789	4,214,394	-	71
DISTRIBUTION	657,813	20,150	-	637,663	-	15,942	653,605	-	-	15,942	653,605	-	71
CUSTOMER ACCOUNTS	778,568	19,540	-	759,028	-	19,976	776,002	-	-	19,976	776,002	-	71
CUSTOMER SERVICE & INFO	-	-	-	-	-	-	-	-	-	-	-	-	-
SALES	-	-	-	-	-	-	-	-	-	-	-	-	-
ADMIN. & GENERAL	618,310	15,540	-	602,770	-	15,917	615,987	-	-	15,917	615,987	-	71
TOTAL GAS	6,283,220	171,409	-	6,111,811	-	152,795	6,264,606	-	-	152,795	6,264,606	-	71

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

GAS	a LABOR EXPENSE 12 MOS. ENDED 06/30/18	b INCENTIVE COMPENSATION DISTRIBUTION 12mos 6/30/18	c LONG TERM INCENTIVE COMPENSATION 12mos 06/30/18	e LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION (a-b-c)	f-1 PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	f-2 PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	g ANNUALIZED LABOR	h-1 PRO FORMA WAGE INCR. EFFECTIVE (g* h-1 [rate])	h-2 PRO FORMA WAGE INCR. EFFECTIVE (g* h-2 [rate])	i TOTAL PRO FORMA ANNUALIZED LABOR	j TOTAL PRO FORMA ANNUALIZED LABOR	k	
												PRO FORMA WAGE INCR. EFFECTIVE (i-h-1)	PRO FORMA WAGE INCR. EFFECTIVE (i-h-2)
PRODUCTION	\$ 606,872	\$ 102,754	\$ 53,647	\$ 452,471	\$ 6,152	\$ -	\$ 458,623	\$ 13,850	\$ -	\$ 20,002	\$ 472,473	\$ -	\$ 93
TRANSMISSION	752	27	-	725	-	725	725	22	-	22	747	-	93
DISTRIBUTION	2,911,634	338,054	31,242	2,542,538	38,875	102,789	2,581,213	77,953	-	118,628	2,699,841	22	93
CUSTOMER ACCOUNTS	883,063	79,481	10,423	803,159	7,977	15,942	809,136	10,275	-	26,252	825,411	-	93
CUSTOMER SERVICE & INFO	512,38	7,907	9,350	396,979	540	18,976	405,19	1,224	-	2,854	417,43	-	93
SALES	72,503	10,387	-	62,116	755	-	62,871	1,099	-	2,854	64,770	-	93
ADMIN. & GENERAL	4,021,138	884,000	454,884	2,682,254	39,172	15,917	2,801,428	90,341	-	129,513	3,001,327	-	93
TOTAL GAS	8,435,398	1,222,610	565,548	6,647,242	93,271	152,795	6,749,513	203,584	-	296,835	6,944,077	-	93

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

	a	b	c	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE 12 MOS. ENDED 08/30/18	INCENTIVE COMPENSATION DISTRIBUTION 12mos 07/30/18	LONG TERM INCENTIVE COMPENSATION 12mos 08/30/18	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION (a-b-c)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	ANNUALIZED LABOR (e+f)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/18 (g* h-1 (rate))	PRO FORMA WAGE INCR. EFFECTIVE 07/01/18 (g* h-2 (rate))	TOTAL PRO FORMA INCREASE (i+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+i)
<b>GAS PRODUCTION:</b>											
OPERATIONS ACCOUNTS:											
804 - NAT GAS CITY GATE PURCH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
805 - GAS PURCHASED AND ADJ	-	-	-	-	-	-	-	-	-	-	-
807 - PURCHASED GAS EXPENSE	608,872	102,754	53,647	452,471	6,152	6,152	458,623	13,850	-	20,002	472,473
813 - OTHER GAS SUPPLY EXPENSE	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PRODUCTION OPERATIONS</b>	<b>608,872</b>	<b>102,754</b>	<b>53,647</b>	<b>452,471</b>	<b>6,152</b>	<b>6,152</b>	<b>458,623</b>	<b>13,850</b>	<b>-</b>	<b>20,002</b>	<b>472,473</b>
<b>GAS TRANSMISSION:</b>											
OPERATIONS ACCOUNTS:											
856 - MAINS	\$ 3,623	\$ 51	\$ -	\$ 3,572	\$ -	\$ 71	\$ 3,643	\$ 22	\$ -	\$ 93	\$ 3,665
859 - OTHER EXPENSES	-	-	-	-	-	-	-	-	-	-	-
860 - RENTS	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL TRANSMISSION OPER</b>	<b>3,623</b>	<b>51</b>	<b>-</b>	<b>3,572</b>	<b>-</b>	<b>71</b>	<b>3,643</b>	<b>22</b>	<b>-</b>	<b>93</b>	<b>3,665</b>
<b>MAINTENANCE ACCOUNTS:</b>											
863 - SUPV & ENG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
864 - MAINT STRUCT	-	-	-	-	-	-	-	-	-	-	-
865 - MAINT TRANS PLANT	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL TRANSMISSION MAINT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL TRANSMISSION EXP</b>	<b>3,623</b>	<b>51</b>	<b>-</b>	<b>3,572</b>	<b>-</b>	<b>71</b>	<b>3,643</b>	<b>22</b>	<b>-</b>	<b>93</b>	<b>3,665</b>

**AMEREN MISSOURI  
ANNUALIZED LABOR ADJUSTMENT - CONTRACT  
TWELVE MONTHS ENDED JUNE 30, 2010**

	a	b	c	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE 12 MOS. ENDED 06/30/18	INCENTIVE COMPENSATION 12mos. 6/30/18	LONG TERM INCENTIVE COMPENSATION 12mos. 06/30/18	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION (a-b-c)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/10	PRO FORMA WAGE INCR. EFFECTIVE 07/01/18 2.50%	ANNUALIZED LABOR (e+f)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/19 (g* h-1 (rate))	PRO FORMA WAGE INCR. OF EFFECTIVE 07/01/19 (9* h-2 (rate))	TOTAL PRO FORMA INCREASE (f+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+i)
<b>GAS PRODUCTIONS:</b>											
<b>OPERATIONS ACCOUNTS:</b>											
804 - NAT GAS CITY GATE PURCH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
805 - GAS PURCHASED AND ADJ	-	-	-	-	-	-	-	-	-	-	-
807 - PURCHASED GAS EXPENSE	-	-	-	-	-	-	-	-	-	-	-
813 - OTHER GAS SUPPLY EXPENSE	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PRODUCTION OPERATIONS</b>	<b>2,871</b>	<b>24</b>	<b>24</b>	<b>2,847</b>	<b>71</b>	<b>71</b>	<b>2,918</b>	<b>71</b>	<b>71</b>	<b>71</b>	<b>2,918</b>
<b>GAS TRANSMISSION:</b>											
<b>OPERATIONS ACCOUNTS:</b>											
856 - MAINS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
859 - OTHER EXPENSES	-	-	-	-	-	-	-	-	-	-	-
860 - RENTS	-	-	-	-	-	-	-	-	-	-	-
<b>CONTRACT TRANS OPER</b>	<b>2,871</b>	<b>24</b>	<b>24</b>	<b>2,847</b>	<b>71</b>	<b>71</b>	<b>2,918</b>	<b>71</b>	<b>71</b>	<b>71</b>	<b>2,918</b>
<b>MAINTENANCE ACCOUNTS:</b>											
883 - SUPV & ENG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
864 - MAINT STRUCT	-	-	-	-	-	-	-	-	-	-	-
865 - MAINT TRANS PLANT	-	-	-	-	-	-	-	-	-	-	-
<b>CONTRACT TRANS MAINT</b>	<b>2,871</b>	<b>24</b>	<b>24</b>	<b>2,847</b>	<b>71</b>	<b>71</b>	<b>2,918</b>	<b>71</b>	<b>71</b>	<b>71</b>	<b>2,918</b>
<b>TRANSMISSION - CONTRACT</b>	<b>2,871</b>	<b>24</b>	<b>24</b>	<b>2,847</b>	<b>71</b>	<b>71</b>	<b>2,918</b>	<b>71</b>	<b>71</b>	<b>71</b>	<b>2,918</b>

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

	a LABOR EXPENSE 12 MOS. ENDED 06/30/18	b INCENTIVE COMPENSATION DISTRIBUTION 12mos. 06/30/18	c LONG TERM INCENTIVE COMPENSATION 12mos. 06/30/18	e LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION (a-b-c)	f-1 PRO FORMA WAGE INCR. OF 2.78% 01/01/18	f-2 PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	g ANNUALIZED LABOR (e+f)	h-1 PRO FORMA WAGE INCR. OF 3.02% 01/01/18 (g* h-1  rate )	h-2 PRO FORMA WAGE INCR. EFFECTIVE 07/01/18 (g* h-2  rate )	i TOTAL PRO FORMA INCREASE (f+h)	j PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+i)
<b>GAS PRODUCTION:</b>											
<b>OPERATIONS ACCOUNTS</b>											
804 - NAT GAS CITY GATE PURCH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
805 - GAS PURCHASED AND ADJ	-	-	-	-	-	-	-	-	-	-	-
807 - PURCHASED GAS EXPENSE	608,872	102,754	53,647	452,471	6,152	458,623	13,850	472,473	20,002	472,473	
813 - OTHER GAS SUPPLY EXPENSE	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL PRODUCTION OPERATIONS</b>	<b>608,872</b>	<b>102,754</b>	<b>53,647</b>	<b>452,471</b>	<b>6,152</b>	<b>458,623</b>	<b>13,850</b>	<b>472,473</b>	<b>20,002</b>	<b>472,473</b>	
<b>GAS TRANSMISSION:</b>											
<b>OPERATIONS ACCOUNTS:</b>											
856 - MAINS	\$ 752	\$ 27	\$ -	\$ 725	\$ -	\$ 725	\$ 22	\$ 747	\$ -	\$ 747	
859 - OTHER EXPENSES	-	-	-	-	-	-	-	-	-	-	
860 - RENTS	-	-	-	-	-	-	-	-	-	-	
<b>MANAGEMENT TRANS OPER</b>	<b>752</b>	<b>27</b>	<b>-</b>	<b>725</b>	<b>-</b>	<b>725</b>	<b>22</b>	<b>747</b>	<b>-</b>	<b>747</b>	
<b>MAINTENANCE ACCOUNTS:</b>											
863 - SUPV & ENG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
864 - MAINT STRUCT	-	-	-	-	-	-	-	-	-	-	
865 - MAINT TRANS PLANT	-	-	-	-	-	-	-	-	-	-	
<b>MANAGEMENT TRANS MAINT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>TRANSMISSION - MGMT</b>	<b>752</b>	<b>27</b>	<b>-</b>	<b>725</b>	<b>-</b>	<b>725</b>	<b>22</b>	<b>747</b>	<b>-</b>	<b>747</b>	

Source - O&M Labor data query from Millennium GL

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

	a	b	c	b		f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE	INCENTIVE DISTRIBUTION	LONG TERM INCENTIVE COMPENSATION	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION	PRO FORMA WAGE INCR. EFFECTIVE 01/01/19	PRO FORMA WAGE INCR. EFFECTIVE 07/01/19	ANNUALIZED LABOR (e-t)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/19 (g-h-1 rate)	PRO FORMA WAGE INCR. EFFECTIVE 07/01/19 (g-h-2 rate)	TOTAL PRO FORMA INCREASE (i+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e-t)	
	96/30/18	12mos 6/30/18	12mos 06/30/18	(e-b-c)	01/01/19	07/01/19	(e-t)	01/01/19	07/01/19		9/30/11 LABOR (e-t)	
<b>GAS DISTRIBUTION:</b>												
OPERATIONS ACCOUNTS:												
870 - SUPV & ENG	\$ 425,002	\$ 48,821	\$ 4,731	\$ 371,450	\$ 8,510	\$ 17	\$ 379,977	\$ 11,454	\$ -	\$ 19,981	\$ 391,431	
871 - LOAD DISP	-	-	-	-	-	-	-	-	-	-	-	
874 - MAINS & SRVCS	1,417,707	48,391	-	1,369,316	1,848	30,273	1,401,437	4,839	-	36,960	1,406,276	
875 - MEAS & REG STA EXP-GEN	293,628	10,590	-	283,038	373	6,431	289,842	790	-	7,594	290,632	
876 - MEAS & REG STA EXP-IND	-	-	-	-	-	-	-	-	-	-	-	
877 - MEAS & REG STA EXP-CITYGTE	-	-	-	-	-	-	-	-	-	-	-	
878 - METERS & HOUSE REG	657,638	31,494	1,629	624,515	304	15,090	639,909	641	-	16,035	640,550	
879 - CUST INSTALLS	783,741	26,450	-	757,291	1,062	16,985	775,338	2,385	-	20,432	777,723	
880 - MISC	914,931	105,251	24,882	784,798	8,478	4,459	797,735	16,571	-	31,508	816,306	
881 - RENTS	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL DIST OPERATIONS</b>	<b>4,432,647</b>	<b>270,997</b>	<b>31,242</b>	<b>4,130,408</b>	<b>20,575</b>	<b>73,255</b>	<b>4,284,238</b>	<b>38,680</b>	<b>-</b>	<b>132,510</b>	<b>4,322,918</b>	
<b>MAINTENANCE ACCOUNTS:</b>												
895 - SUPV & ENG	\$ 137,185	\$ 10,328	\$ -	\$ 126,857	\$ 1,560	\$ 1,188	\$ 129,605	\$ 2,443	\$ -	\$ 5,191	\$ 132,048	
886 - STRUCT & IMPRV	-	-	-	-	-	-	-	-	-	-	-	
887 - MAINS	623,601	26,463	-	597,138	1,466	12,413	611,017	3,083	-	16,962	614,100	
889 - MEAS & REG STA EXP-GEN	55,645	2,891	-	52,754	207	1,074	54,035	302	-	1,583	54,337	
890 - MEAS & REG STA EXP-IND	193,881	5,479	-	188,402	-	4,710	193,112	-	-	4,710	193,112	
891 - MEAS & REG STA EXP-CITYGTE	-	-	-	-	-	-	-	-	-	-	-	
892 - SERVICES	269,343	9,966	-	259,377	377	5,570	265,304	1,115	-	7,062	266,419	
893 - METERS & HOUSE REG.	1,367,192	127,985	-	1,239,227	14,490	4,579	1,258,296	32,330	-	51,399	1,290,626	
894 - MISC	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL DIST MAINT</b>	<b>2,646,847</b>	<b>183,112</b>	<b>-</b>	<b>2,463,735</b>	<b>18,100</b>	<b>29,534</b>	<b>2,511,369</b>	<b>39,273</b>	<b>-</b>	<b>86,907</b>	<b>2,550,642</b>	
<b>TOTAL DISTRIBUTION</b>	<b>7,139,494</b>	<b>454,109</b>	<b>31,242</b>	<b>6,654,143</b>	<b>38,675</b>	<b>102,789</b>	<b>6,795,607</b>	<b>77,953</b>	<b>-</b>	<b>219,417</b>	<b>6,873,560</b>	
<b>GAS CUSTOMER ACCOUNTS</b>												
901 - SUPV	\$ 505,092	\$ 51,131	\$ 8,939	\$ 445,022	\$ 5,986	\$ -	\$ 451,008	\$ 13,620	\$ -	\$ 19,606	\$ 464,628	
902 - METER READING	-	-	-	-	-	-	-	-	-	-	-	
903 - CUST RECOLL EXP	842,842	48,131	7,489	787,302	1,962	15,942	805,206	4,579	-	22,483	803,785	
904 - UNCOLLECT ACCTS	-	-	-	-	-	-	-	-	-	-	-	
905 - MISC CUST ACCT EXP	2,942	369	75	2,498	29	-	2,527	76	-	105	2,603	
<b>TOTAL CUST ACCOUNTS</b>	<b>1,350,876</b>	<b>99,631</b>	<b>16,423</b>	<b>1,234,822</b>	<b>7,977</b>	<b>15,942</b>	<b>1,258,741</b>	<b>18,275</b>	<b>-</b>	<b>42,194</b>	<b>1,277,016</b>	



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

	a	b	c	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE 12 MOS. ENDED 06/30/18	INCENTIVE COMPENSATN DISTRIBUTION 12mos. 6/30/18	LONG TERM INCENTIVE COMPENSATN 12mos 06/30/18	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATN (e-b-c)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	PRO FORMA WAGE INCR. OF 2.50% EFFECTIVE 07/01/18	ANNUALIZED LABOR (e+f)	EFFECTIVE 01/01/18 (g* h-1 (rate))	PRO FORMA WAGE INCR. OF 0.00% EFFECTIVE 07/01/18 (g* h-2 (rate))	TOTAL PRO FORMA INCREASE (i+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+i)
<b>GAS DISTRIBUTION</b>											
<b>OPERATIONS ACCOUNTS:</b>											
870 - SUPV & ENG (4)	\$ 704	\$ 17	\$ -	\$ 687	\$ -	\$ 17	\$ 704	\$ -	\$ -	\$ 17	\$ 704
871 - LOAD DISP (4)	-	-	-	-	-	-	-	-	-	-	-
874 - MAINS & SRVCS (4)	1,242,410	31,490	-	1,210,920	-	30,273	1,241,193	-	-	30,273	1,241,193
875 - MEAS BREG STA EXP-GEN(4)	264,024	6,772	-	257,252	-	6,431	263,683	-	-	6,431	263,683
876 - MEAS BREG STA EXP-IND(4)	-	-	-	-	-	-	-	-	-	-	-
877 - MEAS BREG STA EXP-CTYGTG(4)	624,637	21,004	-	603,633	-	15,090	618,693	-	-	15,090	618,693
878 - METERS & HOUSE REG (5)	698,046	18,664	-	679,382	-	16,985	696,367	-	-	16,985	696,367
879 - CUST INSTALLS (4)	183,623	5,271	-	178,352	-	4,459	182,811	-	-	4,459	182,811
880 - MISC (4)	-	-	-	-	-	-	-	-	-	-	-
881 - RENTS (4)	-	-	-	-	-	-	-	-	-	-	-
CONTRACT DIST OPER	3,013,414	83,218	-	2,930,196	-	73,255	3,003,451	-	-	73,255	3,003,451
<b>MAINTENANCE ACCOUNTS:</b>											
885 - SUPV & ENG (4)	\$ 48,693	\$ 1,158	\$ -	\$ 47,535	\$ -	\$ 1,188	\$ 48,723	\$ -	\$ -	\$ 1,188	\$ 48,723
886 - STRUCT & IMPRV (4)	-	-	-	-	-	-	-	-	-	-	-
887 - MAINS (4)	509,998	13,485	-	496,513	-	12,413	508,926	-	-	12,413	508,926
889 - MEAS BREG STA EXP-GEN(4)	44,356	1,390	-	42,966	-	1,074	44,040	-	-	1,074	44,040
890 - MEAS BREG STA EXP-IND(4)	193,881	5,479	-	188,402	-	4,710	193,112	-	-	4,710	193,112
891 - MEAS BREG STA EXP-CTYGTG(4)	-	-	-	-	-	-	-	-	-	-	-
892 - SERVICES(4)	228,665	5,648	-	222,817	-	5,570	228,387	-	-	5,570	228,387
893 - METERS & HOUSE REG (4)	188,653	5,477	-	183,176	-	4,579	187,755	-	-	4,579	187,755
894 - MISC (4)	-	-	-	-	-	-	-	-	-	-	-
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	-	102,789	4,214,394	-	-	102,789	4,214,394
<b>GAS (1)</b>											
<b>CUSTOMER ACCOUNTS</b>											
901 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
902 - METER READING	-	-	-	-	-	-	-	-	-	-	-
903 - CUST RECOLL EXP	657,813	20,150	-	637,663	-	15,942	653,605	-	-	15,942	653,605
904 - UNCOLLECT ACCTS	-	-	-	-	-	-	-	-	-	-	-
905 - MISC CUST ACCT EXP	-	-	-	-	-	-	-	-	-	-	-
CONTRACT CUST ACCOUNTS	657,813	20,150	-	637,663	-	15,942	653,605	-	-	15,942	653,605

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

	a	b	d	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE 12 MOS ENDED 06/30/18	INCENTIVE DISTRIBUTION COMPENSATN 12mos 6/30/18	LONG TERM INCENTIVE COMPENSATN 12mos 06/30/18	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATN (a-b-c)	PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE 01/01/18	PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE 07/01/18	ANNUALIZED LABOR (e+f)	PRO FORMA WAGE INCR. OF 3.02% EFFECTIVE 01/01/19 (g* h-1 (rate))	PRO FORMA WAGE INCR. OF 3.02% EFFECTIVE 07/01/19 (g* h-2 (rate))	TOTAL PRO FORMA INCREASE (i+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+j)
<b>GAS DISTRIBUTION</b>											
<b>OPERATIONS ACCOUNTS</b>											
870 - SUPV & ENG (4)	\$ 424,298	\$ 48,804	\$ 4,731	\$ 370,763	\$ 8,510	\$ -	\$ 379,273	\$ 11,454	\$ -	\$ 19,964	\$ 390,727
871 - LOAD DISP (4)											
874 - MAINS & SRVCS (4)	175,297	16,901	-	158,396	1,848	-	160,244	4,839	-	6,687	165,083
875 - MEAS & REG STA EXP-GEN(5)	29,604	3,818	-	25,786	373	-	26,159	790	-	1,163	26,949
876 - MEAS & REG STA EXP-IND(5)											
877 - MEAS & REG STA EXP-CTYGT(4)											
878 - METERS & HOUSE REG (4)	33,031	10,490	1,629	20,912	304	-	21,216	641	-	945	21,857
879 - CUST INSTALLS (4)	85,695	7,786	-	77,909	1,062	-	78,971	2,385	-	3,447	81,566
880 - MISC (4)	731,308	99,980	24,882	606,446	8,478	-	614,924	18,571	-	27,049	633,495
881 - RENTS (4)											
MANAGEMENT DIST OPER	1,479,233	187,779	31,242	1,260,212	20,575	-	1,280,787	38,680	-	59,255	1,319,467
<b>MAINTENANCE ACCOUNTS</b>											
885 - SUPV & ENG	\$ 88,492	\$ 9,170	\$ -	\$ 79,322	\$ 1,560	\$ -	\$ 80,882	\$ 2,443	\$ -	\$ 4,003	\$ 83,325
886 - STRUCT & IMPRV											
887 - MAINS	113,603	12,978	-	100,625	1,466	-	102,091	3,083	-	4,549	105,174
889 - MEAS & REG STA EXP-GEN	11,289	1,501	-	9,788	207	-	9,995	302	-	509	10,297
890 - MEAS & REG STA EXP-IND											
891 - MEAS & REG STA EXP-CTYGT											
892 - SERVICES	40,678	4,138	-	36,540	377	-	36,917	1,115	-	1,492	38,032
893 - METERS & HOUSE REG	1,178,539	122,488	-	1,056,051	14,490	-	1,070,541	32,330	-	46,800	1,102,871
894 - MISC											
MANAGEMENT DIST MAINT	1,432,601	150,275	-	1,282,326	18,100	-	1,300,426	39,273	-	57,373	1,339,699
DISTRIBUTION - MGMT	2,911,834	338,054	31,242	2,542,538	38,675	-	2,581,213	77,953	-	116,628	2,659,166
<b>GAS (1)</b>											
<b>CUSTOMER ACCOUNTS</b>											
901 - SUPV	\$ 505,092	\$ 51,131	\$ 8,939	\$ 445,022	\$ 5,986	\$ -	\$ 451,008	\$ 13,620	\$ -	\$ 19,606	\$ 464,828
902 - METER READING											
903 - CUST REC&COLL EXP	185,029	27,981	7,409	149,639	1,962	-	151,601	4,579	-	6,541	156,180
904 - UNCOLLECT ACCTS											
905 - MISC CUST ACCT EXP	2,942	369	75	2,498	29	-	2,527	76	-	105	2,603
MGMT CUST ACCOUNTS	693,063	79,481	16,423	597,159	7,977	-	605,136	16,275	-	26,252	623,411

Allocation of LO:

	Actual	12 months ended 06/30/18	Other	Total
878 - METERS & HOUSE REG	\$	787,615	\$ (163,008)	\$ 624,607
Contract Management		41,651	(8,620)	33,031
Other		(171,628)	171,628	-

Source - O&M Labor data query from Millennium GL

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

	a	b	c	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE	INCENTIVE COMPENSATION	LONG TERM INCENTIVE COMPENSATION	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATION	PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	ANNUALIZED LABOR (e+f)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/19 (g* h-1 (rate))	PRO FORMA WAGE INCR. EFFECTIVE 07/01/19 (g* h-2 (rate))	TOTAL PRO FORMA INCREASE (f+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+i)
<b>GAS</b>											
<b>CUSTOMER SERV &amp; INFO:</b>											
907 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
908 - CUST ASST EXP	32,687	5,354	9,350	17,983	220	-	18,203	550	-	770	18,753
909 - INFO & INSTR ADVTSG	-	-	-	-	-	-	-	-	-	-	-
910 - MISCELLANEOUS	803,115	22,093	-	781,022	320	18,976	800,318	674	-	19,970	800,992
<b>TOTAL CUST SERV &amp; INFO</b>	<b>835,802</b>	<b>27,447</b>	<b>9,350</b>	<b>799,005</b>	<b>540</b>	<b>18,976</b>	<b>818,521</b>	<b>1,224</b>	<b>-</b>	<b>20,740</b>	<b>819,745</b>
<b>GAS SALES:</b>											
911 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
912 - DEMO & SELLING EXP	72,503	10,387	-	62,116	755	-	62,871	1,899	-	2,654	64,770
913 - ADVERTISING	-	-	-	-	-	-	-	-	-	-	-
916 - MISC SALES EXP	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL SALES</b>	<b>72,503</b>	<b>10,387</b>	<b>-</b>	<b>62,116</b>	<b>755</b>	<b>-</b>	<b>62,871</b>	<b>1,899</b>	<b>-</b>	<b>2,654</b>	<b>64,770</b>
<b>GAS A&amp;G OPERATIONS ACCOUNTS:</b>											
920 - A&G SALARIES	\$ 4,593,829	\$ 692,533	\$ 452,555	\$ 3,448,741	\$ 38,734	\$ 13,274	\$ 3,500,749	\$ 89,287	\$ -	\$ 141,295	\$ 3,590,036
921 - OFC SUPPLIES & EXP	-	-	-	-	-	-	-	-	-	-	-
922 - A&G EXP TRSFD-CR	-	-	-	-	-	-	-	-	-	-	-
923 - OUTSIDE SRV EMPLOY	7,047	287	44	6,716	63	16	6,795	185	-	264	6,980
924 - PROP INSURANCE	-	-	-	-	-	-	-	-	-	-	-
925 - INJ & DAMAGES	10,869	2,089	1,834	6,946	101	-	7,047	213	-	314	7,260
926 - EMPL PENS & BENFT	-	-	-	-	-	-	-	-	-	-	-
927 - FRANCH REQMTS	-	-	-	-	-	-	-	-	-	-	-
928 - REG COMM EXP	-	-	-	-	-	-	-	-	-	-	-
929 - DUPLIC CHRGS-CR	-	-	-	-	-	-	-	-	-	-	-
930.1 - GENERAL EXP. - GEN.	-	-	-	-	-	-	-	-	-	-	-
930.2 - GENERAL EXP. - MISC	36,417	2,484	451	33,482	119	610	34,211	278	-	1,007	34,489
931 - RENTS	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL A&amp;G OPERATIONS</b>	<b>4,648,162</b>	<b>697,393</b>	<b>454,884</b>	<b>3,495,885</b>	<b>39,017</b>	<b>13,900</b>	<b>3,548,802</b>	<b>89,963</b>	<b>-</b>	<b>142,880</b>	<b>3,638,765</b>
<b>MAINTENANCE ACCOUNTS:</b>											
935 - MAINT OF GEN PLT	\$ 59,286	\$ 2,247	\$ -	\$ 57,039	\$ 155	\$ 1,117	\$ 58,311	\$ 378	\$ -	\$ 1,650	\$ 58,689
<b>TOTAL A&amp;G MAINT</b>	<b>59,286</b>	<b>2,247</b>	<b>-</b>	<b>57,039</b>	<b>155</b>	<b>1,117</b>	<b>58,311</b>	<b>378</b>	<b>-</b>	<b>1,650</b>	<b>58,689</b>
<b>TOTAL A&amp;G</b>	<b>\$ 4,707,448</b>	<b>\$ 699,640</b>	<b>\$ 454,884</b>	<b>\$ 3,552,924</b>	<b>\$ 39,172</b>	<b>\$ 15,017</b>	<b>\$ 3,607,113</b>	<b>\$ 90,341</b>	<b>\$ -</b>	<b>\$ 144,530</b>	<b>\$ 3,697,454</b>

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

	a	b	c	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE	INCENTIVE COMPENSATN	LONG TERM INCENTIVE COMPENSATN	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATN	PRO FORMA WAGE INCR. EFFECTIVE 01/01/18	PRO FORMA WAGE INCR. EFFECTIVE 07/01/18	ANNUALIZED LABOR (e+f)	PRO FORMA WAGE INCR. EFFECTIVE 01/01/19 (g* h-1 [rate])	PRO FORMA WAGE INCR. EFFECTIVE 07/01/19 (g* h-2 [rate])	TOTAL PRO FORMA INCREASE ((+h)	PRO FORMA 12 MOS ENDED 9/30/11 LABOR (e+i)
<b>GAS</b>											
<b>CUSTOMER SERV &amp; INFO:</b>											
907 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
908 - CUST ASST EXP	-	-	-	-	-	-	-	-	-	-	-
909 - INFO & INSTR ADVTSG	-	-	-	-	-	-	-	-	-	-	-
910 - MISCELLANEOUS	778,566	19,540	12mos 06/30/18	759,026	18,976	18,976	778,002	18,976	18,976	18,976	778,002
CONTRACT CUST SERV & INFO	778,566	19,540	12mos 06/30/18	759,026	18,976	18,976	778,002	18,976	18,976	18,976	778,002
<b>GAS SALES:</b>											
911 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
912 - DEMO & SELLING EXP	-	-	-	-	-	-	-	-	-	-	-
913 - ADVERTISING	-	-	-	-	-	-	-	-	-	-	-
916 - MISC SALES EXP	-	-	-	-	-	-	-	-	-	-	-
CONTRACT SALES	-	-	-	-	-	-	-	-	-	-	-
<b>GAS A&amp;G OPERATIONS ACCOUNTS:</b>											
920 - A&G SALARIES	\$ 544,943	\$ 14,001	\$ -	\$ 530,942	\$ 13,274	\$ 13,274	\$ 544,216	\$ -	\$ -	\$ 13,274	\$ 544,216
921 - OFC SUPPLIES & EXP	-	-	-	-	-	-	-	-	-	-	-
922 - A&G EXP TRSFD-CR	-	-	-	-	-	-	-	-	-	-	-
923 - OUTSIDE SRV EMPLD	682	24	12mos 06/30/18	658	16	16	674	-	-	16	674
924 - PROP INSURANCE	-	-	-	-	-	-	-	-	-	-	-
925 - INJ & DAMAGES	-	-	-	-	-	-	-	-	-	-	-
926 - EMPL PENS & BENFT	-	-	-	-	-	-	-	-	-	-	-
927 - FRANCH RECMITS	-	-	-	-	-	-	-	-	-	-	-
928 - REG COMM EXP	-	-	-	-	-	-	-	-	-	-	-
929 - DUPLIC CHRGS-CR	-	-	-	-	-	-	-	-	-	-	-
930.1 - GENERAL EXP. - GEN.	-	-	-	-	-	-	-	-	-	-	-
930.2 - GENERAL EXP. - MISC	25,063	671	12mos 06/30/18	24,392	610	610	25,002	-	-	610	25,002
931 - RENTS	-	-	-	-	-	-	-	-	-	-	-
CONTRACT A&G OPERATNS	570,886	14,696	12mos 06/30/18	555,992	13,900	13,900	569,892	-	-	13,900	569,892
<b>MAINTENANCE ACCOUNTS:</b>											
935 - MAINT OF GEN PLT	\$ 45,622	\$ 944	\$ -	\$ 44,678	\$ 1,117	\$ 1,117	\$ 45,795	\$ -	\$ -	\$ 1,117	\$ 45,795
CONTRACT A&G MAINT	45,622	944	-	44,678	1,117	1,117	45,795	-	-	1,117	45,795
CONTRACT DIRECT A&G	\$ 616,310	\$ 15,640	\$ -	\$ 600,670	\$ 15,017	\$ 15,017	\$ 615,687	\$ -	\$ -	\$ 15,017	\$ 615,687

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

	a	b	c	e	f-1	f-2	g	h-1	h-2	i	j
	LABOR EXPENSE	INCENTIVE COMPENSATN	LONG TERM INCENTIVE COMPENSATN	LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATN	PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE 01/01/18	PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE 07/01/18	ANNUALIZED LABOR (e+f)	PRO FORMA WAGE INCR. OF 3.02% EFFECTIVE 01/01/19 (g* h-1 [rate])	PRO FORMA WAGE INCR. OF EFFECTIVE 07/01/19 (g* h-2 [rate])	TOTAL PRO FORMA INCREASE ((+h))	PRO FORMA 12 MOS ENDED 9/30/19 LABOR (e+i)
	06/30/18	12mos 6/30/18	12mos 06/30/18	(a-b-c)	01/01/18	07/01/18		01/01/19	07/01/19		
<b>GAS</b>											
<b>CUSTOMER SERV &amp; INFO:</b>											
907 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
908 - CUST ASST EXP	32,687	5,354	9,350	17,983	220	220	18,203	550	770	770	18,753
909 - INFO & INSTR ADVTSG	-	-	-	-	-	-	-	-	-	-	-
910 - MISCELLANEOUS	24,549	2,553	-	21,996	320	320	22,316	674	994	994	22,990
MGMT CUST SERV & INFO	57,236	7,907	9,350	39,979	540	540	40,519	1,224	1,764	1,764	41,743
<b>GAS SALES:</b>											
911 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
912 - DEMO & SELLING EXP	72,503	10,387	-	62,116	755	755	62,871	1,899	2,654	2,654	64,770
913 - ADVERTISING	-	-	-	-	-	-	-	-	-	-	-
916 - MISC SALES EXP	-	-	-	-	-	-	-	-	-	-	-
MGMT SALES	72,503	10,387	-	62,116	755	755	62,871	1,899	2,654	2,654	64,770
<b>GAS A&amp;G OPERATIONS ACCOUNTS:</b>											
920 - A&G SALARIES	\$ 4,048,866	\$ 678,532	\$ 452,555	\$ 2,917,799	\$ 38,734	\$ 38,734	\$ 2,956,533	\$ 89,287	\$ 128,021	\$ 128,021	\$ 3,045,820
921 - OFC SUPPLIES & EXP	-	-	-	-	-	-	-	-	-	-	-
922 - A&G EXP TRSFD-CR	-	-	-	-	-	-	-	-	-	-	-
923 - OUTSIDE SRV EMPLOY	6,365	263	44	6,058	63	63	6,121	185	248	248	6,306
924 - PROP INSURANCE	-	-	-	-	-	-	-	-	-	-	-
925 - INJ & DAMAGES	10,869	2,089	1,834	8,946	101	101	7,047	213	314	314	7,260
926 - EMPL PENS & BENFT	-	-	-	-	-	-	-	-	-	-	-
927 - FRANCH REQMTS	-	-	-	-	-	-	-	-	-	-	-
928 - REG COMM EXP	-	-	-	-	-	-	-	-	-	-	-
929 - DUPLIC CHRGS-CR	-	-	-	-	-	-	-	-	-	-	-
930.1 - GENERAL EXP - GEN.	-	-	-	-	-	-	-	-	-	-	-
930.2 - GENERAL EXP - MISC	11,354	1,813	451	9,090	119	119	9,209	278	397	397	9,487
931 - RENTS	-	-	-	-	-	-	-	-	-	-	-
MGMT A&G OPERATIONS	4,077,474	682,697	454,884	2,939,893	39,017	39,017	2,978,910	89,963	128,980	128,980	3,068,873
<b>MAINTENANCE ACCOUNT:</b>											
935 - MAINT OF GEN PLT	\$ 13,664	\$ 1,303	\$ -	\$ 12,361	\$ 155	\$ 155	\$ 12,516	\$ 378	\$ 533	\$ 533	\$ 12,894
MGMT A&G MAINT	13,664	1,303	-	12,361	155	155	12,516	378	533	533	12,894
<b>TOTAL MANAGEMENT A&amp;G</b>	<b>4,091,138</b>	<b>\$ 684,000</b>	<b>\$ 454,884</b>	<b>2,952,254</b>	<b>39,172</b>	<b>39,172</b>	<b>2,991,426</b>	<b>90,341</b>	<b>129,513</b>	<b>129,513</b>	<b>3,081,767</b>

Source - O&M Labor data query from Millennium GL

**Allocation of LO:**

Allocation of Other A&G Labor (RT LO)		
Actual	Other	Total
\$ 542,629	\$ 2,314	\$ 544,943
4,031,690	17,186	4,048,886
19,510	(19,510)	-

920 - A&G SALARIES  
Contract  
920 - A&G SALARIES  
Management  
Other

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

	GAS LABOR EXP July 2017 - June 30 2018 a	INCENTIVE COMPENSATN July 2017 - June 30 2018 b	GAS LABOR EXP EXCL. INCENT.COMP. July 2017 - June 30 2018 c a - b = c	d WAGE INCR 2.50% EFFECTIVE 07/01/18 (Contract Only) c*d (rate)
<b>GAS PRODUCTION:</b>				
<b>OPERATIONS ACCOUNTS</b>				
804 - NAT GAS CITY GATE PURCH	\$ -	\$ -	\$ -	-
805 - GAS PURCHASED AND ADJ	-	-	-	-
807 - PURCHASED GAS EXPENSE	-	-	-	-
813 - OTHER GAS SUPPLY EXPENSE	-	-	-	-
<b>TOTAL PRODUCTION OPERATIONS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>GAS TRANSMISSION</b>				
<b>OPERATIONS ACCOUNTS:</b>				
856 - MAINS	\$ 2,871	\$ 24	\$ 2,847	\$ 71
859 - OTHER EXPENSES	-	-	-	-
860 - RENTS	-	-	-	-
<b>CONTRACT TRANS OPER</b>	<b>2,871</b>	<b>24</b>	<b>2,847</b>	<b>71</b>
<b>MAINTENANCE ACCOUNTS:</b>				
863 - SUPV & ENG	\$ -	\$ -	\$ -	-
864 - MAINT STRUCT	-	-	-	-
865 - MAINT TRANS PLANT	-	-	-	-
<b>CONTRACT TRANS MAINT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TRANSMISSION - CONTRACT</b>	<b>2,871</b>	<b>24</b>	<b>2,847</b>	<b>71</b>
<b>GAS DISTRIBUTION</b>				
870 - SUPV & ENG (4)	\$ 704	\$ 17	\$ 687	\$ 17
871 - LOAD DISP (4)	-	-	-	-
874 - MAINS & SRVCS (4)	1,242,410	31,490	1,210,920	30,273
875 - MEAS.&REG.STA.EXP-GEN(4)	264,024	6,772	257,252	6,431
876 - MEAS.&REG.STA.EXP-IND(4)	-	-	-	-
877 - MEAS.&REG.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)	-	-	-	-
<b>CONTRACT DIST OPER</b>	<b>3,013,414</b>	<b>83,218</b>	<b>2,930,196</b>	<b>73,255</b>
<b>MAINTENANCE ACCOUNTS:</b>				
885 - SUPV & ENG (4)	\$ 48,693	\$ 1,158	\$ 47,535	\$ 1,188
886 - STRUCT & IMPRV (4)	-	-	-	-
887 - MAINS (4)	509,998	13,485	496,513	12,413
889 - MEAS.&REG.STA.EXP-GEN(4)	44,356	1,390	42,966	1,074
890 - MEAS.&REG.STA.EXP-IND(4)	193,881	5,479	188,402	4,710
891 - MEAS.&REG.STA.EXP-CTYGTE(4)	-	-	-	-
892 - SERVICES(4)	228,665	5,848	222,817	5,570
893 - METERS & HOUSE REG.(4)	188,653	5,477	183,176	4,579
894 - MISC (4)	-	-	-	-
<b>CONTRACT DIST MAINT</b>	<b>1,214,246</b>	<b>32,837</b>	<b>1,181,409</b>	<b>29,534</b>
<b>DISTRIBUTION - CONTRACT</b>	<b>4,227,660</b>	<b>116,055</b>	<b>4,111,605</b>	<b>102,789</b>
<b>GAS</b>				
<b>CUSTOMER ACCOUNTS:</b>				
901 - SUPV	\$ -	\$ -	\$ -	-
902 - METER READING	-	-	-	-
903 - CUST REC&COLL EXP	657,813	20,150	637,663	15,942
904 - UNCOLLECT ACCTS	-	-	-	-
905 - MISC CUST ACCT EXP	-	-	-	-
<b>CONTRACT CUST ACCOUNTS</b>	<b>657,813</b>	<b>20,150</b>	<b>637,663</b>	<b>15,942</b>

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

	GAS LABOR EXP July 2017 - <u>June 30 2018</u> a	INCENTIVE COMPENSATN July 2017 - <u>June 30 2018</u> b	GAS LABOR EXP EXCL. INCENT.COMP. July 2017 - <u>June 30 2018</u> a - b = c	d WAGE INCR <u>2.50%</u> EFFECTIVE <u>07/01/18</u> (Contract Only) c*d (rate)
<b>GAS</b>				
<b>CUSTOMER SERV &amp; INFO:</b>				
907 - SUPV	\$ -	\$ -	\$ -	\$ -
908 - CUST ASST EXP	-	-	-	-
909 - INFO & INSTR ADVTSG	-	-	-	-
910 - MISCELLANEOUS	778,566	19,540	759,026	18,976
<b>CONTRACT CUST SERV &amp; INFO</b>	<b>778,566</b>	<b>19,540</b>	<b>759,026</b>	<b>18,976</b>
<b>GAS</b>				
<b>SALES:</b>				
911 - SUPV	\$ -	\$ -	\$ -	\$ -
912 - DEMO & SELLNG EXP	-	-	-	-
913 - ADVERTISING	-	-	-	-
916 - MISC SALES EXP	-	-	-	-
<b>CONTRACT SALES</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>GAS A&amp;G (1)</b>				
<b>OPERATIONS ACCOUNTS:</b>				
920 - A&G SALARIES	544,943	\$ 14,001	\$ 530,942	\$ 13,274
921 - OFC SUPPLIES & EXP	-	-	-	-
922 - A&G EXP TRSFD-CR	-	-	-	-
923 - OUTSIDE SRV EMPLD	882	24	658	16
924 - PROP INSURANCE	-	-	-	-
925 - INJ & DAMAGES	-	-	-	-
926 - EMPL PENS & BENFT	-	-	-	-
927 - FRANCH REQMTS	-	-	-	-
928 - REG COMM EXP	-	-	-	-
929 - DUPLIC CHRGS-CR	-	-	-	-
930.1 - GENERAL EXP. - GEN. ADV.	-	-	-	-
930.2 - GENERAL EXP. - MISC	25,063	671	24,392	610
931 - RENTS	-	-	-	-
<b>CONTRACT A&amp;G OPS</b>	<b>570,688</b>	<b>14,696</b>	<b>555,992</b>	<b>13,900</b>
<b>MAINTENANCE ACCOUNTS:</b>				
935 - MAINT OF GEN PLT	45,622	944	44,678	1,117
<b>CONTRACT A&amp;G MAINT</b>	<b>45,622</b>	<b>944</b>	<b>44,678</b>	<b>1,117</b>
<b>TOTAL CONTRACT A&amp;G (1)</b>	<b>616,310</b>	<b>15,640</b>	<b>600,670</b>	<b>15,017</b>
<b>TOTAL CONTRACT GAS</b>	<b>\$ 6,283,220</b>	<b>\$ 171,409</b>	<b>\$ 6,111,811</b>	<b>\$ 152,795</b>

Source - O&M Labor data query from Millennium GL

**Allocation of LO  
12 months ended 6/30/18**

	Actual	Other	Total
<b>878 - METERS &amp; HOUSE REG.</b>			
Contract	\$ 787,615	\$ (163,008)	\$ 624,607
Management	41,651	(8,620)	33,031
Other	(171,628)	171,628	-
<b>920 - A&amp;G SALARIES</b>			
Contract	\$ 542,629	\$ 2,314	\$ 544,943
Management	4,031,690	17,196	4,048,886
Other	19,510	(19,510)	-

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

	TOTAL UEC GAS LABOR EXP July 2017 - Dec 31 2017 a	INCENTIVE COMPENSATN July 2017 - Dec 31 2017 b	LONG-TERM INCENTIVE COMPENSATN July 2017 - Dec 31 2017 c	UEC GAS LABOR EXP EXCL. INCENT.COMP. July 2017 - Dec 31 2017 d = a-b-c	WAGE INCR. <u>2.76%</u> EFFECTIVE <u>01/01/18</u> e d*e (rate)
<b>GAS PRODUCTION:</b>					
<b>OPERATIONS ACCOUNTS</b>					
804 -NAT GAS CITY GATE PURCH	\$ -	\$ -	\$ -	\$ -	\$ -
805 - GAS PURCHASED AND ADJ	-	-	-	-	-
807 - PURCHASED GAS EXPENSE	310,953	64,120	23,952	222,881	6,152
813 - OTHER GAS SUPPLY EXPEN	-	-	-	-	-
<b>TOTAL PRODUCTION OPERATIONS</b>	<b>\$ 310,953</b>	<b>\$ 64,120</b>	<b>\$ 23,952</b>	<b>\$ 222,881</b>	<b>\$ 6,152</b>
<b>GAS TRANSMISSION</b>					
<b>OPERATIONS ACCOUNTS:</b>					
856 - MAINS	\$ -	\$ -	\$ -	\$ -	\$ -
859 - OTHER EXPENSES	-	-	-	-	-
860 - RENTS	-	-	-	-	-
<b>MGMT TRANS OPER</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>MAINTENANCE ACCOUNTS:</b>					
863 - SUPV & ENG	\$ -	\$ -	\$ -	\$ -	\$ -
864 - MAINT STRUCT	-	-	-	-	-
865 - MAINT TRANS PLANT	-	-	-	-	-
<b>MGMT TRANS MAINT</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TRANSMISSION - MGMT</b>					
<b>GAS DISTRIBUTION</b>					
<b>OPERATIONS ACCOUNTS:</b>					
870 - SUPV & ENG (4)	\$ 351,673	41,247	2,085	\$ 308,341	\$ 8,510
871 - LOAD DISP (4)	-	-	-	-	-
874 - MAINS & SRVCS (4)	75,056	8,091	-	66,965	1,848
875 - MEAS & REG. STA. EXP-GEN(4)	15,429	1,919	-	13,510	373
876 - MEAS & REG. STA. EXP-IND(4)	-	-	-	-	-
877 - MEAS & REG. STA. EXP-CTYG	-	-	-	-	-
878 - METERS & HOUSE REG.(5)	14,310	2,463	829	11,018	304
879 - CUST INSTALLS (4)	42,186	3,725	-	38,461	1,062
880 - MISC (4)	374,603	55,357	12,066	307,180	8,478
881 - RENTS (4)	-	-	-	-	-
<b>DIST OPER - MANAGEMENT</b>	<b>873,257</b>	<b>112,802</b>	<b>14,980</b>	<b>745,475</b>	<b>20,575</b>
<b>MAINTENANCE ACCOUNTS:</b>					
885 - SUPV & ENG (4)	\$ 64,718	\$ 8,184	\$ -	\$ 56,534	\$ 1,560
886 - STRUCT & IMPRV (4)	-	-	-	-	-
887 - MAINS (4)	59,887	6,762	-	53,125	1,466
889 - MEAS & REG. STA. EXP-GEN(4)	8,808	1,297	-	7,511	207
890 - MEAS & REG. STA. EXP-IND(4)	-	-	-	-	-
891 - MEAS & REG. STA. EXP-CTYG	-	-	-	-	-
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)	-	-	-	-	-
<b>DIST MAINT - MANAGEMENT</b>	<b>742,126</b>	<b>86,293</b>	<b>-</b>	<b>655,833</b>	<b>18,100</b>
<b>TOTAL MANAGEMENT DIST</b>	<b>1,615,383</b>	<b>199,095</b>	<b>14,980</b>	<b>1,401,308</b>	<b>38,675</b>
<b>GAS</b>					
<b>CUSTOMER ACCOUNTS:</b>					
901 - SUPV	\$ 248,028	\$ 27,132	\$ 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	29
<b>MGMT CUST ACCOUNTS</b>	<b>336,210</b>	<b>39,701</b>	<b>7,504</b>	<b>289,005</b>	<b>7,977</b>



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

	TOTAL UEC GAS LABOR EXP July 2017 - Dec 31 2017 a	INCENTIVE COMPENSATN July 2017 - Dec 31 2017 b	LONG-TERM INCENTIVE COMPENSATN July 2017 - Dec 31 2017 c	UEC GAS LABOR EXP EXCL. INCENT.COMP. July 2017 - Dec 31 2017 d = a-b-c	WAGE INCR. 2.76% EFFECTIVE 01/01/18 e d*e (rate)
<b>GAS</b>					
<b>CUSTOMER SERV &amp; INFO:</b>					
907 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -
908 - CUST ASST EXP	16,240	4,173	4,106	7,961	220
909 - INFO & INSTR ADVTSG	-	-	-	-	-
910 - MISCELLANEOUS	13,106	1,525	-	11,581	320
<b>MGMT CUST SERV &amp; INFO</b>	<b>29,346</b>	<b>5,698</b>	<b>4,106</b>	<b>19,542</b>	<b>540</b>
<b>GAS SALES:</b>					
911 - SUPV	\$ -	\$ -	\$ -	\$ -	\$ -
912 - DEMO & SELLING EXP	30,942	3,582	-	27,360	755
913 - ADVERTISING	-	-	-	-	-
916 - MISC SALES EXP	-	-	-	-	-
<b>MGMT SALES</b>	<b>30,942</b>	<b>3,582</b>	<b>-</b>	<b>27,360</b>	<b>755</b>
<b>GAS A&amp;G OPERATIONS ACCOUNTS:</b>					
920 - A&G SALARIES	\$ 1,951,195	\$ 344,101	\$ 203,702	\$ 1,403,392	\$ 38,734
921 - OFC SUPPLIES & EXP	-	-	-	-	-
922 - A&G EXP TRSFD-CR	-	-	-	-	-
923 - OUTSIDE SRV EMPLD	2,609	320	-	2,289	63
924 - PROP INSURANCE	-	-	-	-	-
925 - INJ & DAMAGES	5,865	1,232	977	3,656	101
926 - EMPL PENS & BENFT	-	-	-	-	-
927 - FRANCH REQMTS	-	-	-	-	-
928 - REG COMM EXP	-	-	-	-	-
929 - DUPLIC CHRGS-CR	-	-	-	-	-
930.1 - GENERAL EXP. - GEN. ADV	-	-	-	-	-
930.2 - GENERAL EXP. - MISC	5,325	790	234	4,301	119
931 - RENTS	-	-	-	-	-
<b>MGMT A&amp;G OPERATIONS</b>	<b>1,964,994</b>	<b>346,443</b>	<b>204,913</b>	<b>1,413,638</b>	<b>39,017</b>
<b>MAINTENANCE ACCOUNT:</b>					
935 - MAINT OF GEN PLT	6,390	792	-	5,598	155
<b>MGMT A&amp;G MAINT</b>	<b>6,390</b>	<b>792</b>	<b>-</b>	<b>5,598</b>	<b>155</b>
<b>TOTAL MANAGEMENT A&amp;G</b>	<b>1,971,384</b>	<b>347,235</b>	<b>204,913</b>	<b>1,419,236</b>	<b>39,172</b>
<b>TOTAL MANAGEMENT GAS</b>	<b>\$ 4,294,218</b>	<b>\$ 659,431</b>	<b>\$ 255,455</b>	<b>\$ 3,379,332</b>	<b>\$ 93,271</b>

Source - O&M Labor data query from Millennium GL

**6 months ended 6/30/18**

	Actual	Other	Total
<b>878 - METERS &amp; HOUSE REG.</b>			
Contract	\$ 392,625	\$ (80,393)	\$ 312,232
Management	17,994	(3,684)	14,310
Other	(84,077)	84,077	-
<b>920 - A&amp;G SALARIES</b>			
Contract	\$ 277,560	\$ 1,907	\$ 279,467
Management	1,937,879	13,316	1,951,195
Other	15,223	(15,223)	-

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

**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%

**MANAGEMENT SALARIES**

	ALT	Non-ALT	Total
<b>ADJUSTMENT FOR 2018</b>			
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%

<b>ADJUSTMENT FOR 2019</b>			
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%

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

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

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

Note:

Benefits	103,921
401K	29,130
	<u><u>133,051</u></u>

**Ameren Missouri  
Number of Regular Employees  
July 2017 Through May 2019**

**Ameren Missouri**

<u>Month</u>	<u>Executive</u>	<u>Contract</u>	<u>Total</u>
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
<b>Average</b>	<b>1,391</b>	<b>2,256</b>	<b>3,647</b>
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**

<u>Month</u>	<u>Executive</u>	<u>Contract</u>	<u>Total</u>
July 2017	1,246	256	1,502
August	1,241	255	1,496
September	1,246	255	1,501
October	1,253	257	1,510
November	1,258	258	1,516
December	1,264	255	1,519
Jan 2018	1,261	250	1,511
Feb	1,269	249	1,518
Mar	1,253	249	1,502
Apr	1,252	250	1,502
May	1,254	246	1,500
June	1,260	246	1,506
<b>Average</b>	<b>1,255</b>	<b>252</b>	<b>1,507</b>
July	1,271	247	1,518
August	1,280	242	1,522
September	1,275	245	1,520
October	1,281	248	1,529
November	1,287	247	1,534
December	1,294	247	1,541
Jan 2019	1,321	246	1,567
Feb	1,332	246	1,578
Mar	1,331	247	1,578
Apr	1,354	245	1,599
May	1,378	242	1,620
May over/(under) Average	123	(10)	113
Test Year Adj.	123	(10)	113

**Ameren Missouri  
Staffing Annualization Average Annual Salaries  
May 2019**

	<u>AMS</u>	<u>Ameren Missouri</u>
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 Tariffs 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
C	AMS	\$38.31	\$79,985.38
	UEC	\$39.36	\$82,178.80
<b>C Total</b>		<b>\$39.26</b>	<b>\$81,975.22</b>
E	AMS	\$50.35	\$105,082.11
	UEC	\$52.31	\$109,221.20
<b>E Total</b>		<b>\$51.36</b>	<b>\$107,212.66</b>
<b>Grand Total</b>		<b>\$45.80</b>	<b>\$95,605.03</b>

**Ameren Missouri**  
**Staffing Annualization Average Benefits**  
**December 2018**

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**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	<u>63,973,348</u>

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	<u>24,622,258</u>

Headcount 1,596

Average Benefits 15,427

TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	UEC PREMIUM	TEST YEAR 12 mid 06-2018	Annualized Premium - Gas	
					at 05-2019 true-up	Gas - Pro Forma Adjustments FERC Major (For Premiums in effect at 05/19 true-up)
<b>CRIME (FERC MAJ 924)</b>						
6/28/17-18	\$80,425.00	45.38%	\$36,497.00			
- AMS Allocation (19.59%)	\$15,755.00	53.21%	\$8,383.00			
			\$44,880.00			
		Electric	\$43,983.00	\$897.00		
		Gas	\$897.00			
6/28/18-19	\$90,425.00	42.16%	\$38,128.00			
- AMS Allocation (22.46%)	\$20,312.00	52.20%	\$10,603.00			
			\$48,731.00			
		Electric	\$47,757.00	\$0.00	\$974.00	\$77.00
		Gas	\$974.00	\$897.00		924
<b>DIRECTORS &amp; OFFICERS ( FERC MAJ 925)</b>						
3/1/17-18	\$1,308,160.00	25.00%	\$327,040.00			
		Electric	\$294,336.00			
		Gas	\$32,704.00	\$21,802.67		
3/1/18-19	\$1,288,915.00	25.00%	\$322,229.00			
		Electric	\$286,784.00			
		Gas	\$35,445.00	\$11,815.00		
3/1/19-20	\$1,337,986.15	25.00%	\$334,496.54			
		Electric	\$297,701.92	\$36,794.62	\$3,176.95	925
		Gas	\$36,794.62			

TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	UEC PREMIUM	TEST YEAR 12 mid 06-2018	Annualized Premium - Gas	
					at 05-2019 true-up	Gas - Pro Forma Adjustments (For Premiums in effect at 05/19 true-up) FERC Major
<u>EXCESS LIABILITY (FERC MAJ 925)</u> 9/1/16-17						
EXCESS LIABILITY - AMS Allocation (0.97%)	\$13,639,683.00 \$132,305.00	39.66% 53.21%	\$5,409,498.00 \$70,399.00			
Allocation based on how insurer calculates the premium		Electric Gas	\$5,479,897.00 \$4,931,908.00 \$547,990.00			\$91,331.67
PROFESSIONAL LIABILITY - AMS Allocation (0.97%)	\$33,497.00 \$325.00	39.66% 53.21%	\$13,285.00 \$173.00			
		Electric Gas	\$13,458.00 \$0.00			\$0.00
PUNITIVE - AMS Allocation (0.97%)	\$177,771.00 \$1,724.00	39.66% 53.21%	\$70,504.00 \$918.00			\$1,190.33
		Electric Gas	\$71,422.00 \$64,280.00 \$7,142.00			
9/1/17-18						
EXCESS LIABILITY - AMS Allocation (0.97%)	\$13,598,403.65 \$131,117.00	37.73% 51.97%	\$5,130,667.69 \$68,550.78			
Allocation based on how insurer calculates the premium		Electric Gas	\$5,199,218.47 \$4,627,313.34 \$571,915.13			\$476,595.94 \$567,927.61
PROFESSIONAL - AMS Allocation (0.97%)	\$33,497.00 \$325.00	37.73% 51.97%	\$12,638.00 \$169.00			
		Electric Gas	\$12,807.00 \$0.00			\$0.00 \$0.00
PUNITIVE - AMS Allocation (0.97%)	\$180,373.00 \$1,750.00	37.73% 51.97%	\$68,055.00 \$909.00			
		Electric Gas	\$68,964.00 \$61,378.00 \$7,586.00			\$6,321.67 \$7,512.00



TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	UEC PREMIUM	TEST YEAR 12 mid 06-2018	Annualized Premium - Gas	
					at 05-2019 true-up	Gas - Pro Forma Adjustments (For Premiums in effect at 05/19 true-up)
9/1/18-19 EXCESS LIABILITY - AMS Allocation (0.97%)	\$13,188,804.75 \$127,931.42	37.73% 51.91%	\$4,976,136.00 \$66,409.00 \$5,042,545.00			
Allocation based on how insurer calculates the premium		Electric 89% Gas 11%	\$4,487,865.00 \$554,680.00		\$554,680.00	(\$13,247.61) 925
PROFESSIONAL - AMS Allocation (0.97%)	\$33,497.00 \$324.92	37.73% 51.91%	\$12,638.42 \$169.00			
		Electric 100% Gas 0%	\$12,807.42 \$0.00		\$0.00	\$0.00 925
PUNITIVE - AMS Allocation (0.97%)	\$180,168.00 \$1,747.63	37.73% 51.91%	\$67,977.39 \$906.00			
		Electric 89% Gas 11%	\$68,883.39 \$61,306.88 \$7,576.51		\$7,576.51	\$64.51 925
<b>WORKERS' COMPENSATION (FERC MAJ 925)</b>						
9/1/16-17 Everest	\$1,000,300.00 \$195,959.00	45.38% 53.21%	\$453,936.00 \$104,270.00			
- AMS Allocation (19.59%) Allocation based on headcount		Electric 96% Gas 4%	\$558,206.00 \$535,878.00 \$22,328.00		\$3,721.33	
9/1/16-17 Everest - UEC	\$3,464.00	100.00% elec	\$3,464.00		\$0.00 100% elec	
9/1/17-18 Everest	\$1,290,300.00 \$289,855.00	42.16% 51.97%	\$544,041.00 \$150,637.00			
- AMS Allocation (22.46%) Allocation based on headcount		Electric 96% Gas 4%	\$694,678.00 \$666,891.00 \$27,787.00		\$23,155.83 \$26,877.16	
9/1/17-18 Everest - UEC	\$4,083.00	100.00% elec	\$4,083.00		\$0.00 100% elec \$0.00	

TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	UEC PREMIUM	TEST YEAR 12 mid 06-2018	Annualized Premium - Gas		FERC Major
					at 05-2019 true-up	Gas - Pro Forma Adjustments (For Premiums in effect at 05/19 true-up)	
9/1/18-19 Everest	\$1,423,300.00	43.99%	\$626,120.89				
- AMS Allocation (18.48%) Allocation based on headcount	\$262,960.92	51.91%	\$136,503.00				
		Electric 95%	\$762,623.89				
		Gas 5%	\$724,492.84		\$38,131.05	\$11,253.89	925
9/1/18-19 Everest - UEC	\$3,483.00	100.00% elec	\$3,483.00		\$0.00	\$0.00	925
<u>EXCESS PROPERTY (FERC MAJ 924)</u>							
9/1/16-17 Allocation based on gas/electric assets	\$10,469,320.25	86.71%	\$9,077,947.59				
		Electric 98%	\$8,896,388.64				
		Gas 2%	\$181,558.95				
			\$30,259.83				
9/1/17-18 Allocation based on gas/electric assets	\$6,128,508.00	81.54%	\$4,997,091.00				
		Electric 98%	\$4,897,150.00				
		Gas 2%	\$99,941.00				
			\$83,284.17				
			\$113,544.00				
9/1/18-19 Allocation based on gas/electric assets	\$5,951,018.70	81.26%	\$4,835,856.38				
		Electric 98%	\$4,739,139.26		\$96,717.13	(\$16,826.87)	924
		Gas 2%	\$96,717.13				
<u>SOLAR PROPERTY (FERC MAJ 924)</u>							
12/1/16-17	\$12,757.50	100.00%	\$12,757.50		\$0.00	\$0.00	
12/1/17-18	\$8,526.54	100.00%	\$8,526.54		\$0.00	\$0.00	
12/1/18-19	\$10,679.00	100.00% elec	\$10,679.00		\$0.00	\$0.00	924

LMM-S1-64

TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	UEC PREMIUM	Annualized Premium - Gas	
				TEST YEAR	at 05-2019 true-up
<b>CYBER LIABILITY (FERC MAJ 925)</b>				12 mid 06-2018	(For Premiums in effect at 05/19 true-up)
11/15/16-17	\$476,750.00	53.00% Electric Gas	\$252,678.00 \$227,411.00 \$25,267.00	\$9,475.13	
6/12/17-11/15/17 (Additional Limits)	\$482,463.00	53.00% Electric Gas	\$255,706.00 \$230,135.00 \$25,571.00	\$23,013.90	
11/15/17-18	\$948,295.00	53.00% Electric Gas	\$502,596.00 \$447,310.00 \$55,286.00	\$34,553.75 \$67,042.78	
11/15/18-19	\$2,254,915.00	53.00% Electric Gas	\$1,195,104.69 \$1,063,643.17 \$131,461.52		\$131,461.52
<b>FIDUCIARY (FERC MAJ 925)</b>					
3/1/17-18	\$379,924.00	45.38% 53.21%	\$172,410.00 \$39,603.00		
- AMS Allocation (19.59%)	\$74,427.00		\$212,013.00		
3/1/18-19	\$407,024.25	42.16% 51.97%	\$171,617.23 \$47,518.52		
- AMS Allocation (22.46%)	\$91,434.52		\$219,135.75		
3/1/19-20	\$410,024.25	43.99% 51.91%	\$180,372.91 \$39,324.00		
- AMS Allocation (18.48%)	\$75,753.78		\$219,696.91		
		Electric Gas	\$195,030.82 \$24,104.93	\$8,034.98 \$22,168.98	
		Electric Gas	\$195,529.89 \$24,167.02		\$24,167.02
					\$1,998.04
					925

TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	UEC PREMIUM	TEST YEAR	Annualized Premium - Gas	
					at 05-2019 true-up	Gas - Pro Forma Adjustments FERC Major
				12 mid 06-2018	(For Premiums in effect at 05/19 true-up)	
<b>OWNERS &amp; CONTRACTORS PROTECTIVE (FERC MAJ 925)</b>						
12/1/16-17	\$91,875.00	39.66%	\$36,437.00			
- AMS Allocation (0.97%)	\$891.00	53.21%	\$474.00			
Allocation based on how insurer calculates the premium		Electric 90%	\$36,911.00			
		Gas 10%	\$33,220.00	\$1,537.92		
			\$3,691.00			
12/1/17-18	\$91,875.00	37.73%	\$34,664.00			
- AMS Allocation (0.97%)	\$891.00	51.97%	\$463.00			
Allocation based on how insurer calculates the premium		Electric 90%	\$35,127.00			
		Gas 10%	\$31,263.00	\$2,254.00		
			\$3,864.00	\$3,791.92		
12/1/18-19	\$106,942.50	37.73%	\$40,349.41			
- AMS Allocation (0.97%)	\$1,037.34	51391.00%	\$538.48			
Allocation based on how insurer calculates the premium		Electric 89%	\$40,887.89			
		Gas 11%	\$36,390.22	\$4,497.67		\$705.75
			\$4,497.67			925
<b>MARINE (FERC MAJ 925)</b>						
7/1/17-18	\$35,287.98	100.00%	\$35,287.98	\$0.00	100% elec	
7/1/18-19	\$36,002.44	100.00%	\$36,002.44	\$0.00		925
<b>NUCLEAR LIABILITY (FERC MAJ 925)</b>						
1/1/17-12/31/17						
Facility Form	\$856,571.00	100.00%	\$856,571.00	\$0.00	100% elec	
Workers Coverage	\$67,322.00	100.00%	\$67,322.00	\$0.00	100% elec	
Suppliers & Transporters	\$81,955.00	100.00%	\$81,955.00	\$0.00	100% elec	
Secondary Financial Protection	\$30,300.00	100.00%	\$30,300.00	\$0.00	100% elec	
			\$1,036,148.00	\$0.00		
1/1/18-12/31/18						
Facility Form	\$829,012.00	100.00%	\$829,012.00	\$0.00	100% elec	
Workers Coverage	\$65,640.00	100.00%	\$65,640.00	\$0.00	100% elec	
Suppliers & Transporters	\$78,098.00	100.00%	\$78,098.00	\$0.00	100% elec	
Secondary Financial Protection	\$28,763.00	100.00%	\$28,763.00	\$0.00	100% elec	
			\$1,001,513.00	\$0.00		
1/1/19-12/31/19						
Facility Form	\$839,344.00	100.00%	\$839,344.00		100% elec	
Workers Coverage	\$65,640.00	100.00%	\$65,640.00		100% elec	
Suppliers & Transporters	\$78,098.00	100.00%	\$78,098.00		100% elec	
Secondary Financial Protection	\$28,763.00	100.00%	\$28,763.00		100% elec	
			\$1,011,845.00	\$0.00		925

TYPE OF COVERAGE & POLICY PERIOD	TOTAL PREMIUM	ALLOCATION FACTOR - UEC	Annualized Premium - Gas		FERC Major
			TEST YEAR	at 05-2019 true-up	
			12 mid 06-2018	(For Premiums in effect at 05/19 true-up)	
<b>NUCLEAR PROPERTY (FERC MAJ 924)</b>					
4/1/17-18					
Excess Property (NEIL)	\$690,080.00	100.00%	\$0.00	100% elec	
Primary Property (NEIL)	\$2,041,335.00	100.00%	\$0.00	100% elec	
Replacement Power (NEIL)	\$688,375.00	100.00%	\$0.00	100% elec	
Distribution & Premium Credits (†)	1,094,333.00	100.00%	\$0.00	100% elec	
Excess Property (NSIC) \$750M La	\$41,550.00	100.00%	\$0.00	100% elec	
Excess Property (NSIC) \$50M Lay	\$16,285.00	100.00%	\$0.00	100% elec	
Excess Property (EMANI)	\$471,576.00	100.00%	\$0.00	100% elec	
	<u>\$5,043,534.00</u>		\$0.00		
1/1/17-18					
Call Protection (EMANI)	\$76,658.00	100.00%	\$0.00	100% elec	
4/1/18-19					
Excess Property (NEIL)	\$661,987.00	100.00%	\$0.00	100% elec	
Primary Property (NEIL)	\$1,902,047.00	100.00%	\$0.00	100% elec	
Replacement Power (NEIL)	\$685,372.00	100.00%	\$0.00	100% elec	
Distribution & Premium Credits (†)	(3,844,961.00)	100.00%	\$0.00	100% elec	
Excess Property (NSIC) \$750M La	\$41,612.00	100.00%	\$0.00	100% elec	
Excess Property (NSIC) \$50M Lay	\$16,347.00	100.00%	\$0.00	100% elec	
Excess Property (EMANI)	\$499,216.00	100.00%	\$0.00	100% elec	
	<u>(\$38,380.00)</u>		\$0.00		
1/1/18-12/31/18					
Call Protection (EMANI)	\$77,810.00	100.00%	\$0.00	100% elec	
4/1/19-20					
Excess Property (NEIL)	\$690,175.00	100.00%	\$0.00	100% elec	
Primary Property (NEIL)	\$1,950,153.00	100.00%	\$0.00	100% elec	
Replacement Power (NEIL)	\$673,024.00	100.00%	\$0.00	100% elec	
Distribution & Premium Credits (†)	(2,517,520.00)	100.00%	\$0.00	100% elec	
Excess Property (NSIC) \$750M La	\$41,645.00	100.00%	\$0.00	100% elec	
Excess Property (NSIC) \$50M Lay	\$16,380.00	100.00%	\$0.00	100% elec	
Excess Property (EMANI)	\$477,279.00	100.00%	\$0.00	100% elec	
	<u>\$1,331,136.00</u>		\$0.00		924
1/1/19-12/31/19					
Call Protection (EMANI)	\$82,371.00	100.00%	\$0.00	100% elec	
Pollution Legal Liability - Ash Ponds (FERC MAJ 925)					
12/4/14-17	\$1,707,780.90	93.70%	\$0.00	100% elec	
	<u>Annual Premium elec</u>		\$0.00		
12/1/17-20	\$1,728,908.00	100.00%	\$0.00	100% elec	
	<u>Annual Premium elec</u>		\$0.00		
			\$0.00		925

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

<u>Test Year</u>	<u>Annualization</u>	<u>Adjustments</u>	<u>Acct</u>
\$843,379.12	\$894,999.52	\$51,620.40	
\$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			ACTUAL			PRO FORMA INCREASE
	12 MO ENDED 06/30/2018	CONSTRUCTION	NET O & M	12 MO ENDED 05/31/2019	CONSTRUCTION	NET O & M	
<b>ELECTRIC</b>							
20-926-014-WB-BDVM	\$ 0	\$ 0	0	\$ 0	0	0	\$ 0
20-926-015-WB-B401	16,032,702	5,619,792	10,412,910	16,410,538	5,747,954	10,662,584	249,674
20-926-019-WB-BNQP	0	-	0	0	-	0	0
20-926-019-WB-BLIA	0	-	0	0	-	0	0
20-926-020-WB-BLIA	929,109	325,672	603,437	962,127	336,995	625,132	21,695
20-926-022-WB-BMIC	162,011	56,788	105,223	86,704	30,369	56,335	(48,888)
20-926-023-WB-BLIA	0	-	0	0	-	0	0
20-926-024-WB-BDVC	836,448	293,192	543,256	833,440	291,921	541,519	(1,737)
20-926-025-WB-BDVC	0	-	0	0	-	0	0
20-926-026-WB-BMIM	51,166,625	17,934,955	33,231,670	52,088,190	18,244,407	33,843,783	612,113
20-926-027-WB-BPAD	0	-	0	0	-	0	0
20-926-030-(269)	0	-	0	0	-	0	0
20-926-062-WB-BDIA	2,166,216	759,303	1,406,913	2,170,302	760,170	1,410,132	3,219
<b>TOTAL ELECTRIC EMPLOYEE BENEFITS</b>	\$ 71,293,111	\$ 24,989,702	\$ 46,303,409	\$ 72,551,301	\$ 25,411,816	\$ 47,139,485	\$ 836,076
<b>TOTAL COMPANY EMPLOYEE BENEFITS</b>	\$ 74,240,186	\$ 26,104,704	\$ 48,135,482	\$ 75,820,795	\$ 26,670,155	\$ 49,150,640	\$ 1,015,158
			64.948%				64.974%

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

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

	GAS	ACTUAL			ACTUAL			PRO FORMA INCREASE
		12 MO ENDED 06/30/2018	CONSTRUCTION	NET O & M	12 MO ENDED 05/31/2019	CONSTRUCTION	NET O & M	
81/89-926-014-WB-BDVM	DENTAL & OPTICAL - MANAGEMENT	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	0
81/89-926-015-WB-B401	401-K MATCHING CONTRIBUTIONS	664,149	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	799,890	1,314,308	2,344,142	886,887	1,457,255	142,947
81/89-926-027-WB-BPAD	GRP. MAJ. MED. ADMIN.	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	97,666	36,951	60,715	5,113
TOTAL GAS EMPLOYEE BENEFITS		\$ 2,947,075	\$ 1,115,002	\$ 1,832,073	\$ 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



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

TOTAL COMPANY EMPLOYEE BENEFITS EXPENSE (EXCLUDING PENSIONS):	ACTUAL 12 months ended 6/30/2018	ACTUAL 12 months ended 5/31/2019	ACTUAL 12 months ended 5/31/2019
12 Months Actual	Electric	12 Months Actual	ELECTRIC
\$	Gas	\$	GAS
BLIA	0	0	0
926-019-WB-BLIA	0	0	0
926-020-WB-BLIA	967,462	38,353	965,677
926-023-WB-BLIA	0	0	0
<b>BMIC &amp; BDVC</b>	<b>1,039,392</b>	<b>961,441</b>	<b>86,704</b>
926-022-WB-BMIC	168,396	6,385	86,704
926-024-WB-BDVC	870,996	34,548	833,440
926-025-WB-BDVC	0	0	0
<b>BMIM &amp; BDVM</b>	<b>53,280,823</b>	<b>54,432,332</b>	<b>2,344,142</b>
926-026-WB-BMIM	53,280,823	51,166,625	52,088,190
926-014-WB-BDVM	0	0	0
<b>B401</b>	<b>16,696,851</b>	<b>17,153,455</b>	<b>742,917</b>
926-015-WB-B401	16,696,851	16,032,702	16,410,538
<b>BDJA</b>	<b>2,255,658</b>	<b>2,267,968</b>	<b>97,666</b>
926-062-WB-BDJA	2,255,658	2,166,216	2,170,302
<b>N/A (269)</b>	<b>0</b>	<b>0</b>	<b>0</b>
926-030-(269)	0	0	0
<b>BNQP</b>	<b>0</b>	<b>0</b>	<b>0</b>
926-019-WB-BNQP	0	0	0
<b>BPAD</b>	<b>0</b>	<b>0</b>	<b>0</b>
926-027-WB-BPAD	0	0	0
<b>TOTAL BY ACTV</b>	<b>\$ 74,240,186</b>	<b>\$ 71,293,111</b>	<b>\$ 72,554,851</b>
	100.00%	96.03%	95.69%
<b>FUNCT. OF TRANSFER TO CONST. (BUDGET 089) (UE Missouri + AMS Direct)</b>	<b>\$ 2,947,075</b>	<b>\$ 75,820,795</b>	<b>\$ 3,265,944</b>
ELECTRIC	95.73%	100.00%	95.69%
GAS	4.27%	3.97%	4.31%
	100.00%	100.00%	100.00%
<b>ALLOCATION OF AMEREN SERVICES OTHER EMP. BENEFITS:</b>			
12 MOS ACTUAL	96.03%	95.28%	95.68%
ELECTRIC	3.97%	4.72%	4.31%
GAS	100.00%	100.00%	100.00%
<b>FUNCT. OF TRANSFER TO CONST. (BUDGET 089) (UE Missouri)</b>	<b>95.86%</b>	<b>95.28%</b>	<b>95.28%</b>
ELECTRIC	4.14%	4.72%	4.72%
GAS	100.00%	100.00%	100.00%

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

	12 MONTHS ENDED 6/30/2018		12 MONTHS ENDED 5/31/2019	
	TOTAL ELECTRIC	TOTAL GAS	TOTAL ELECTRIC	TOTAL GAS
xx-926-014-WB-BDVM	\$ 0	\$ 0	\$ 0	\$ 0
xx-926-015-WB-B401	13,060,404	541,271	13,601,675	623,436
xx-926-019-WB-BNQP	0	0	0	0
xx-926-019-WB-BLIA	0	0	0	0
xx-926-020-WB-BLIA	760,545	31,384	791,929	35,860
xx-926-022-WB-BMIC	153,661	6,040	159,701	4,102
xx-926-023-WB-BLIA	0	0	0	0
xx-926-024-WB-BDVC	836,448	34,548	870,996	37,556
xx-926-025-WB-BDVC	0	0	0	0
xx-926-026-WB-BMIM	43,212,835	1,785,378	44,998,213	1,979,518
xx-926-027-WB-BPAD	0	0	0	0
xx-926-030-(269)	0	0	0	0
xx-926-062-WB-BDIA	2,032,250	83,904	2,116,154	89,861
	<u>\$ 60,056,143</u>	<u>\$ 2,482,525</u>	<u>\$ 62,538,668</u>	<u>\$ 2,770,333</u>
DIRECT EMPLOYEE BENEFITS	96.03%	3.97%	95.69%	4.31%
TRANSFERRED TO CONSTRUCTION (xx-926-081-AC-ACOS)	\$ (20,710,842)	\$ (894,759)	\$ (21,605,601)	\$ (1,008,321)
NET OTHER EMPLOYEE BENEFITS	\$ 39,345,301	\$ 1,587,766	\$ 40,933,067	\$ 1,762,012
	96.12%	3.88%	95.89%	4.11%
			<u>\$ 61,469,018</u>	<u>\$ 64,239,351</u>
			<u>\$ (20,336,142)</u>	<u>\$ (21,344,463)</u>
			<u>\$ 41,132,876</u>	<u>\$ 42,894,888</u>



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

	<b>Pension</b>		
	<b>Without Non-Qualified</b>		
	AMS	UEC	
Total Company - Qualified Service Costs	17,667,000	36,887,000	
% O&M	61.28%	66.87%	
	10,826,338	24,666,337	
Non-Service Costs	(16,217,000)	(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)

	<b>OPEBs</b>		
	AMS	UEC	
Total Company Service Costs	2,858,000	7,822,000	
% O&M	61.28%	66.87%	
	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

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

**Ameren Corporation**  
**OPEB 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>
<b><u>Before Reflecting Medicare Part D</u></b>		
Noncurrent Asset	(55,020)	(7,812)
Current Liability	-	-
Noncurrent Liability	-	-
Net Amount Recognized	(55,020)	(7,812)
Estimated 2019 Expense	5,210	3,261
<i>Estimated Monthly Expense</i>	434	272
Estimated 2019 Service Cost	(7,822)	(2,858)
<i>Estimated Monthly Service Cost</i>	(652)	(238)
<b><u>After Reflecting Medicare Part D</u></b>		
Noncurrent Asset	(54,237)	(7,521)
Current Liability	-	-
Noncurrent Liability	-	-
Net Amount Recognized	(54,237)	(7,521)
Estimated 2019 Expense	4,044	2,847
<i>Estimated Monthly Expense</i>	337	237
Estimated 2019 Service Cost	(7,822)	(2,858)
<i>Estimated Monthly Service Cost</i>	(652)	(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
<b>TOTAL</b>	<u>187,320</u>	<u>1,079,196</u>

OPEB:	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
<b>TOTAL</b>	<u>50,244</u>	<u>305,628</u>

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	Balance at 06/30/2018	Activity thru 05/31/2019	Balance at 05/31/2019	Total Amortization Life	Pro Forma Amortization Annualized	Test Year July 2017 - June 2018 Amortization Actual	Pro Forma Amortization Adjustment
254-TRP/NTP	Pension Current Balance	90,207 <sup>(1)</sup>	(1,367,609)	(1,277,402) <sup>(2)</sup>	5 years	(255,480)	-	(255,480)
254-TRO/NTO	OPEB Current Balance	(2,071,332) <sup>(1)</sup>	(607,934)	(2,679,266) <sup>(2)</sup>	5 years	(535,853)	-	(535,853)
<b>Total</b>		<u>(1,981,125)</u>	<u>(1,975,543)</u>	<u>(3,956,668)</u>		<u>(791,334)</u>	<u>-</u>	<u>(791,334)</u> 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**

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

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

		UEC direct			AMS allocated to UEC			
		Actual Non-Qualified Pension Plan			Actual Non-Qualified Pension Plan			
		O&M %	Gas %	Actual Expense	UEC %	O&M %	Gas %	Actual Expense
July 2017	111,000	71.0%	4.1%	3,231	44.8%	67.5%	4.1%	645
August 2017	111,000	69.8%	4.1%	3,177	44.0%	66.1%	4.1%	620
September 2017	111,000	63.7%	4.1%	2,899	44.5%	66.2%	4.1%	628
October 2017	111,000	64.6%	4.1%	2,940	44.3%	66.0%	4.1%	623
November 2017	111,000	66.7%	4.1%	3,036	44.7%	67.3%	4.1%	641
December 2017	111,000	69.1%	4.1%	3,145	42.3%	65.5%	4.1%	591
		<b>Service Cost Only</b>			<b>Service Cost Only</b>			
January 2018	35,000	67.76%	4.1%	972	44.7%	60.08%	4.1%	187
February 2018	35,000	65.52%	4.1%	940	43.8%	60.89%	4.1%	186
March 2018	35,000	66.12%	4.1%	949	45.2%	59.99%	4.1%	189
April 2018	35,000	66.59%	4.1%	956	44.3%	59.46%	4.1%	184
May 2018	35,000	68.05%	4.1%	977	44.2%	59.34%	4.1%	183
June 2018	61,000	68.43%	4.1%	1,711	45.0%	61.21%	4.1%	350
		<b>Non-Service Cost Only</b>			<b>Non-Service Cost Only</b>			
January 2018	74,000	100.0%	4.1%	3,034	44.7%	100.0%	4.1%	660
February 2018	74,000	100.0%	4.1%	3,034	43.8%	100.0%	4.1%	646
March 2018	74,000	100.0%	4.1%	3,034	45.2%	100.0%	4.1%	667
April 2018	74,000	100.0%	4.1%	3,034	44.3%	100.0%	4.1%	654
May 2018	74,000	100.0%	4.1%	3,034	44.2%	100.0%	4.1%	652
June 2018	98,000	100.0%	4.1%	4,018	45.0%	100.0%	4.1%	867
		<b>44,121</b>			<b>9,173</b>			

**Sources:**  
O&M %  
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  
Gas %  
From: Rate Base\_Pension and OPEB Reg Liability  
UEC%  
From: Rate Base\_Pension and OPEB Reg Liability  
Ameren Missouri - TRUE UP SUMMARY 05-31-2019 - FINAL

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

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

Voucher Number	Acct	Description	Year- Month	Estimated Cost	Actual Cost
<b>Outside Legal</b>					
Brydon, Swearngen & England 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
003687765	928		201905		10,385
Total Outside Legal				500,000	98,857
<b>Other Outside Experts</b>					
ROE Expert (Robert Hevert, ScottMadden Inc.)				100,000	
003546175	928		201812		17,589
003622706	928		201903		15,800
Depreciation Study (John Weidmayer - Gannett Flemming)				48,000	
003591701	928		201902		3,740
003634924	928		201903		795
003672507	928		201904		1,543
Rebuttal Witnesses				200,000	
Total Other Outside Experts				348,000	39,466
<b>Expenses</b>					
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					
Tom Byrne				50,000	
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				<u>\$ 948,000</u>	<u>\$ 182,746</u>

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

<u>DESCRIPTION:</u>	<u>PER BOOKS</u>
FEDERAL:	
SOCIAL SECURITY ACCRUAL	\$ 1,551,115
LESS: SOCIAL SECURITY CAPITALIZED	(513,192)
FEDERAL UNEMPLOYMENT ACCRUAL	8,114
LESS: FEDERAL UNEMPLOYMENT CAPITALIZED	-
<b>TOTAL FEDERAL TAXES</b>	<b>1,046,037</b>
MISSOURI:	
MISSOURI UNEMPLOYMENT ACCRUAL	-
LESS: MISSOURI UNEMPLOYMENT CAPITALIZED	-
LESS: OTHER UNEMPLOYMENT CAPITALIZED	-
MISSOURI CORPORATE FRANCHISE ACCRUAL	10,206
PLUS: GEN. FAC. CORP. FRAN. TAX ALLOC. TO MO. GAS	-
MISSOURI REAL ESTATE AND PERSONAL PROPERTY ACCRUAL	7,748,784
PLUS: GEN. FAC. REAL ESTATE TAX ALLOC. TO MO. GAS	122,660
LESS: MISSOURI RE AND PP TAX CAPITALIZED	-
OTHER STATES REAL ESTATE TAXES (STORED GAS)	270,796
MISSOURI GROSS RECEIPTS ACCRUAL - BILLED REVENUE	6,677,883
MISSOURI GROSS RECEIPTS ACCRUAL - UNBILLED REVENUE	49,473
<b>TOTAL MISSOURI</b>	<b>14,879,802</b>
<b>GRAND TOTAL</b>	<b>\$ 15,925,838</b>

Run Date: 6/17/19 1:11 PM  
File Name:

Corp	UEC
Product	MOG
Category	(All)
Function	(All)

**Current Year Expense Details**

Tax Type	Description	Vintage	June	July	August	September	October	November	December	January	February	March	April	May	Year To Date
FICA	Soc Sec & Med (#408-010)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	136,574.36	136,443.99	154,389.28	110,267.17	127,012.53	664,667.33
		2018	110,393.67	109,348.89	124,279.91	144,147.21	117,266.87	142,991.06	137,979.84	0.00	0.00	0.00	0.00	0.00	866,427.45
		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(48,478.00)	(39,539.46)	(28,842.00)	(44,679.02)	(43,970.11)	(205,508.59)
FICA Total	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)	0.00	0.00	0.00	0.00	0.00	(307,983.15)
		2019	73,274.67	62,826.89	68,845.91	99,347.06	71,598.87	104,717.06	98,133.84	86,096.36	96,904.53	125,547.28	65,588.15	83,042.42	1,037,923.04
FUTA	Federal Unemp (#408-010)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	97.90	59.21	0.00	0.00	0.00	0.00	0.00	586.91
FUTA Total		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,604.14	522.57	232.86	96.26	70.93	8,113.67
Gross Rec	Unbilled Variation (#408-012)	2019	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	506,296.00
Gross Rec Total	Muni-Mo Gas (#408-012)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	222,687.00	(85,302.00)	(212,900.00)	(331,480.00)	(49,828.00)	49,473.00
		2018	(22,542.00)	(21,948.00)	(30,669.00)	(17,559.00)	121,251.00	451,959.00	25,804.00	974,449.55	1,095,942.56	995,441.37	595,570.86	359,652.86	4,021,057.20
MUNI-MO	Muni-Mo Gas (#408-012)	2017	266,219.37	244,286.89	241,294.00	244,731.10	268,834.55	508,871.16	884,332.13	0.00	0.00	0.00	0.00	0.00	2,657,513.42
		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(687.93)
		2018	266,219.37	243,598.96	241,294.00	244,731.10	268,834.55	508,871.16	884,332.13	974,449.55	1,094,866.78	995,441.37	595,570.86	359,652.86	6,677,882.69
PProp-KS	KS PP-Stored Gas (#408-011)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,583.00	24,583.00	24,583.00	24,583.00	24,583.00	146,284.56
		2018	18,667.00	18,667.00	18,667.00	18,666.00	18,666.00	18,666.00	34,285.56	0.00	0.00	0.00	0.00	0.00	269,199.56
PProp-KS Total		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,583.00	24,583.00	24,583.00	24,583.00	24,583.00	146,284.56
		2018	18,667.00	18,667.00	18,667.00	18,666.00	18,666.00	18,666.00	34,285.56	0.00	0.00	0.00	0.00	0.00	269,199.56
PProp-OK	OK PP-Stored Gas (#408-011)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1,750.00	0.00	0.00	0.00	0.00	0.00	0.00	(3,676.00)
PProp-OK Total		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	833.00	833.00	833.00	833.00	833.00	489.00
		2018	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	0.00	0.00	0.00	0.00	0.00	0.00	(3,676.00)
PProp-WV	WV PP-Stored Gas (#408-011)	2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2017	0.00	1,107.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,107.11
PProp-WV Total		2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2017	0.00	1,107.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,107.11
Rprop-MO	MO RE & PP Allocated (#408-011)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	690,833.00	690,833.00	690,833.00	690,833.00	690,833.00	122,660.00
		2018	675,000.00	675,000.00	675,000.00	675,000.00	675,000.00	675,000.00	896,802.65	0.00	(149,193.58)	0.00	0.00	(309,781.23)	3,454,165.00
Rprop-MO Total		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	690,833.00	690,833.00	690,833.00	690,833.00	690,833.00	122,660.00
		2018	675,000.00	675,000.00	675,000.00	675,000.00	675,000.00	675,000.00	896,802.65	0.00	(149,193.58)	0.00	0.00	(309,781.23)	4,487,828.04
SCF-MO	MO Corp Fran (#408-013)	2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,605.00	2,605.00	2,605.00	2,605.00	2,605.00	13,025.00
		2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,605.00	2,605.00	2,605.00	2,605.00	2,605.00	(2,819.00)
MO Corp Franchise Total		2019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,605.00	2,605.00	2,605.00	2,605.00	2,605.00	10,206.00
		2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,605.00	2,605.00	2,605.00	2,605.00	2,605.00	(2,819.00)
Grand Total			1,012,513.87	981,109.96	974,968.42	828,781.28	1,157,142.09	1,746,895.12	2,062,077.59	2,910,691.05	1,676,672.30	1,624,356.51	1,048,629.27	802,010.98	15,925,938.44