Exhibit No.:

Issue(s): Revenue Requirement

True-Up

Witness: Laura M. Moore Type of Exhibit: Surrebuttal Testimony Sponsoring Party: Union Electric Company
File No.: GR-2019-0077

Date Testimony Prepared: July 10, 2019

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

SURREBUTTAL TESTIMONY

OF

LAURA M. MOORE

 \mathbf{ON}

BEHALF OF

UNION ELECTRIC COMPANY

D/B/A AMEREN MISSOURI

St. Louis, Missouri July, 2019

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SURREBUTTAL TESTIMONY

OF

LAURA M. MOORE

FILE NO. GR-2019-0077

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

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

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

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

6

11

Q. Is this solution appropriate?

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

18

Q. Please explain the Company's proposed solution.

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

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

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

6 III. EXCESS ACCUMULATED DEFERRED INCOME TAXES

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

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

22

23

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

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

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

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

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

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

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

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

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

at 5/31/2019:

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

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

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

AMEREN MISSOURI GAS PLANT-IN-SERVICE

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

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

| FERC Acct | RESERVE BALANCE AT 05/31/2019 (1) | REMOVE ARO ASSETS | ADJUSTED RESERVE BALANCE AT 05/31/2019 | ALLOCATE TO GAS | DISALLOW INC INCENTIVE COMP | PRO FORMA BALANCE |
|----------------------------|--|----------------------|---|--------------------|-----------------------------------|----------------------|
| Intangible Plant | (1) | (2) | (3)=(1)+(2) | (4) | (5) | (6)=(3)+(4)+(5) |
| ••• | | | | | | |
| 303 | 406,494 | | 406,494 | , • · | | 406,494 |
| 303 - Alloc fm Elect Plant | 406,494 | $-\div$ | 406,494 | 3.070,723 | - | 3,070,723 |
| Production Plant | | | 100,101 | 0,010,720 | | 3,411,211 |
| | | | | | | |
| 304 | 9*8 | ~ | | 4.0 | | |
| 305 | (19,504) | (*) | (19,504) | (2) | | (19.504) |
| 311 | (759,970) (779,474) | · | (759,970) (779,474) | | | (759,970) |
| | | | , , , | | | (11000) |
| Transmission Plant | | | | | | |
| 366 | 3,497 | (7.7.) | 2.407 | (**) | * | * |
| 367 | 2,902,332 | 573 0•3 | 3,497 | 5.90 | * | 3,497 |
| 369 | 35.461 | | 2,902,332 35,461 | 1/60 | | 2 902 332 |
| U. | 2,941.289 | | 2,941,289 | . | | 35,461 2,941,289 |
| Distribution Plant | | | | | | |
| 374 | 2,143 | | 0.440 | | | |
| 375 | 28,012 | 2 | 2,143 28,012 | | | 2,143 |
| 376 | 95,879,463 | | 95.879.463 | 200 | | 28,012 |
| 378 | 2,171,458 | 0.73 | 2,171,458 | | | 95.879.463 |
| 379 | 207,389 | 323 | 207,389 | | * | 2,171,458 207,389 |
| 380 | 73.367.950 | 3043 | 73,367,950 | | | 73.367.950 |
| 381 | 2,734,090 | rae: | 2.734.090 | | | 2,734,090 |
| 383 | 5,059,505 | | 5,059,505 | | 3 | 5,059,505 |
| 385 | 586,480 | | 586,480 | 24 | - 3 | 586,480 |
| 387 | (5.558) | | (5.558) | | | (5,558) |
| re- | 180,030.931 | | 180.030,931 | | | 180,030,931 |
| General Plant | | | | | | |
| 389 | :*: | 0.00 | | | | 2 |
| 390 | 960,211 | 5 . | 960,211 | 2.612,320 | | 3,572,531 |
| 391 | 61,555 | (10) | 61,555 | 409,348 | | 470,903 |
| 391-Fully Accrued | 21,614 | | 21.614 | :2 | | 21,614 |
| 391-001 | 3*3 | | ¥ . | 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 | (5) | | 3,955,726 |
| 393 394 | (1,579) | • | (1,579) | 3.596 | * | 2,017 |
| 394-Fully Accrued | 784.594 |). * . | 784,594 | 89,484 | * | 874,078 |
| 395 | 1,199,101 27,100 | 978 | 1,199,101 | | * | 1,199,101 |
| 395-Fully Accrued | 8.605 | 5.90 | 27,100 | 4,746 | * | 31,846 |
| 396 | 1,143,330 | 5.50 | 8,605 1,143,330 | (•) | * | 8,605 |
| 397 | 314,155 | 192 | 314,155 | | | 1,143,330 |
| 397-Fully Accrued | 409,414 | 2 | 409,414 | Ž. | 2 | 314,155 409 414 |
| 398 | 817 | 12/ | 817 | 12,689 | | 13 486 |
| 2. Hi | 9,410,199 | - | 9,410,199 | 3.709.303 | | 13,119,502 |
| INCENTIVE COMPENSAT | | | | | | |
| ICC Adj. | | • | | | (376,96\$) | (376,969) |
| Total Gas Depreciation Re | eserve | | | | | |
| F1 92 1 400 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 |
|--|--------------------------------|-------------------------------|
| Intangible Plant | | 406,494 |
| 303 - Alloc fm Elect Plant | | - |
| | 5.65 | 406,494 |
| | | |
| Production Plant | | |
| 304 305 | - 511,012 | (10.504) |
| 311 | (759,970) | (19,504) (759,970) |
| • | (248,958) | (779,474) |
| • | | , , , , , , , |
| Transmission Plant | | |
| 365 | - | - |
| 366 | 3,497 | 3,497 |
| 367 | 2,835,976 | 2,902,332 |
| 369 | 34,628 | 35,461 |
| | 2,874,101 | 2,941,289 |
| Distribution Plant | | |
| 374 | 2,143 | 2,143 |
| 375 | (505,947) | 28,012 |
| 376 | 90,811,580 | 95,879,463 |
| 378 | 2,049,325 193,264 | 2,171,458 207,389 |
| 379 380 | 70,842,905 | 73,367,950 |
| 381 | 2,390,638 | 2,734,090 |
| 383 | 4,778,820 | 5,059,505 |
| 385 | 557,536 | 586,480 |
| 387 | (5,558) | (5,558) |
| | 171,114,705 | 180,030,931 |
| General Plant | | |
| 389 | - | • |
| 390 | 837,942 | 960,211 |
| 391 | 42,416 | 61,555 |
| 391-Fully Accrued | 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 | 8,314,269 | 9,410,199 |
| • | 0,314,208 | 5,410,133 |
| INCENTIVE COMPENSATION AND INCENTIVE COMPENSATIO | TION CAPITALIZED | ٠, |
| Total Car Black to Bank | | |
| Total Gas Plant in Service: | 182,054,118 | 192,009,439 |

| Gas Depr 17,641.55 17,641.55 19,172 2,844.05 0,51 97,71 229,33 8,878.68 10,915.01 21,77 113,67 113,67 110,14 4,819.75 110,14 4,819.75 110,14 4,819.75 3,284.30 3,387.39 6,001.85 | (782.57 232.57 13.13 13.635.22 811.56 3.235.59 40.42 |
|--|--|
| Gas Retv | (2.164.00) (2.164.00) (35.348.32 651.45 8.358.61 6.03 |
| Gas Plant 6 178.566.94 18.666.94 18.667 18.667 18.667 18.667 18.697 19.6962 19.167 19.167 19.167 19.167 19.167 19.166 24.575 19.166 19.167 19.167 19.166 19.166 19.166 19.167 | (4,119.97) 579.02 70,586.64 4,135.84 16,717.22 |
| | 163,322,31 337,418,52 2,925,56 6,692,15 2,924,687,60 2,937,99 9,357,99 9,357,70 9,357,70 9,357,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 9,377,70 1,676,61 1,676,81 1,67 |
| | 326,744.58 326,744.58 2,909.55 6,692.15 2,926.95 160,362.69 147,552.41 160,362.69 219,496.20 219,496.20 219,496.20 210,499.20 210,499.60 22,09.11 2,926.96 1,575.90 2,926.96 1,576.81 2,926.96 1,576.81 2,926.96 1,576.81 2,926.96 1,576.81 2,926.96 1,576.81 2,926.96 1,576.91 2,926.96 1,576.91 2,926.96 1,576.91 2,939.89 1,576.91 2,939.89 1,576.91 2,939.89 1,576.91 2,939.89 1,576.93 2,939.89 1,576.93 2,939.89 1,576.93 2,939.89 2,949.89 2 |
| 213.894.65 213.894.65 175.699.00 866.718.95 6.692.15 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.67 2.907.60 2.90 | 163,352,31 33,418,52 2,09.55 6,692,15 2,224,667,60 218,48,67,60 218,48,67,60 3,577,70 410,65 410,65 410,61 410,61 6,62,15 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 145,294,31 2,22 1,57 1,59 1,5 |
| | 326,704 58 33,418 52 33,418 52 33,418 52 33,418 52 33,418 52 33,418 52 33,418 52 34,695 56 147,552 43 160,362 64 218,499 20 23,680 07 24,697 60 24,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 92 34,061 67 49,111 66 39,968 60 210,818 60 2 |
| 7411 iii iii iii iii iii iii iii ii ii ii | et a second of the second of t |
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| 1,000,000,000,000,000,000,000,000,000,0 | 000 60012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 00 00012019 0 0 00012019 0 0 00012019 0 0 00012019 0 0 00012012019 0 0 0 00012012019 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 00012012019 0 0 0 0 |
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| k, / Allocation J99JD #NA | ## ## ## ## ## ## ## ## ## ## ## ## ## |
| 10, 3envice _ye sub_ accou udaliy_acco ldg_worki Albocation 01(01)(2016 21-AkDCD 1303000+ Ju034) 0201/12008 52-AkERAN 1303000-5 (1644) 1201/1201 62-LAbuD 1303000-5 (1647) 1201/1201 16-LAbuD 1303000-5 (1647) 0201/12009 7A-RERAN 1303000-5 (1656) 0201/12009 7A-RERAN 1303000-5 (1656) 0201/12009 7A-RERAN 1303000-5 (1656) 0201/12019 7A-ROCCO 1303000-5 (1656) 0201/12019 7A-ADCCO 1303000-5 (1656) 0201/12019 21-ADCCO 130300-5 (1679) 0201/12019 21-DCORPC 130300-5 (1679) 0201/12019 21-D | 12011/2016 20-CORPC 13020055 1989 1701/2011 34-RENEL 13020055 1866 2201/2009 7A-Audrai 13020055 1866 2201/2009 7A-Audrai 13020055 1866 2201/2009 7A-Audrai 13020055 1866 1001/2009 7A-Audrai 13020055 1869 1001/2009 65-CALLA 13020055 1879 1001/2009 65-CALLA 13020055 1879 1001/2009 65-CALLA 13020055 1878 1001/2009 65-CALLA 13020055 1128 2001/2019 85-PEND 13020055 1128 2001/2019 85-PEND 13020055 1128 2001/2019 87-Racco 13020055 1656 2201/2019 87-Racco 13020055 1657 2201/2019 21-RACCO 13020055 1657 |
| 33910234 (EC-Unio OPPM Project Justificato 24650760 (EC-Unio Software 2464899 (EC-Unio Software 2464899 (EC-Unio Software 2464899 (EC-Unio Work Order Addition 2464899 (EC-Unio Work Order Addition 2362879 (EC-Unio Work Order Addition 2362870 (EC-Unio Work Order Addition 2363879) (EC-Unio Work Order Addition 2363879 (EC-Unio Mobile Time Capture Eriperior 2464897) (EC-Unio Dynataca - UEC 3574894 (EC-Unio Software 259875) (EC-Unio Software 2604867) (EC-Unio Dynataca - UEC 3574894 (EC-Unio Software Experient 3015024 (EC-Unio Software Experient 2405899) (EC-Unio Software Experient 2405899) (EC-Unio Castomer Experient 2405899) (EC-Unio Castomer Experient 2405899) (EC-Unio Enamoed Service Order 2405994) (EC-Unio Moto Order Addition 23697489) (EC-Unio Software Experient 2465899) (EC-Unio Software Experient 2465899) (EC-Unio Software Experient 2465899) (EC-Unio Software Experient 246589) (EC-Unio Software 246589) (EC-Unio So | |

| Gas Depr | | (346.89) | 8 470 42 | 37,088.64 | 1 | • | | | • | 44.873 R3 | 466.91 | 7,406.12 | | 4,931,28 | 74.18 | | | (108.83) | (1,656.73) | | 4,234,08 | , | c | , | | | | | . 1 | ೆ | | | 1 | č | | ٠ | | 40.87 | 2,481.01 | 3,464.30 | 11 754 64 | 276.58 | ¥ | | | 4,199.6Z | 12.340.46 | 115.22 | 492.27 | 734 64 | 44109 | | | , | | (453.95) | 814.15 | , | 397.23 | 977154 | 3.101.73 | 1,719.53 | 14,698.61 | • | | | | | 3,373.40 | |
|---|----------------------------------|---|--|--------------------------------------|---|-------------------------------------|--|--|--|--|---|--|---------------------------------------|--|---------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------------------|-------------------------------------|--|---|---|---------------------------------------|--|--|--|--|-------------------------------------|--|--|---|---|---|--|---------------------------------------|--|--------------------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------------------------------|--|--|--|--|--|---|--|---|---|--|--|--|--|---|--|--|--|--|---|--|--|-------------------------------|
| Gas Resv | 1440 061 | (1/0/00) | 63,232,49 | 50,558.56 | | | | | | 22.852.41 | 118.78 | 15,349.23 | | 2,511 30 | 17 7F | 60.438.22 | - | 475 | (843.70) | ٠ | 15,642.59 | | | | | | | | | | , | | ٠ | | | | , | 62.77 | 818.35 | 1,764.22 | 5 782 45 | 140.85 | | | | 6,449.42 | 6.284.50 | 48.88 | 671.27 | 1,001.78 | 671327 | , | | • | | (347.14) | 288.17 | . ! | 424.19 | 27 573 95 | (432.19) | 875.68 | 37,971.42 | | | | | | 12,462 86 | e: |
| Gas Plant Ga | 10 700 501 | (1,00.06) | 27 / 07 / 27 | 189,640.96 | | 1 | ŀ | | | 228 524.11 | 2,375.52 | 38,181 69 | * | 20,113,02 | 37.77 | 60.438.22 | | (494.06) | (8,437,04) | | 22,346,35 | | | | Ť. | | | | | | ٠. | • | , | ٠ | | | | 209 24 | 12,189.66 | 17,042.20 | 57 824 53 | 1,408.52 | | , | 4 | 21,498.06 | 62 844 96 | 586.57 | 2,517.29 | 3,756.69 | (23.90) | , | , | . 1 | | (2,314.24) | 4,019.68 | | 1,946,91 | 48.659.91 | 13 784 08 | 8,756.84 | 75,942.83 | , | . ; | | , | , | 17,804.08 | |
| | 75,082,500 | (1,040,44) | 1, (6/, 65), 65 | 472,822.01 | 8 | 2,046,528.29 | 133.88 | 109,380.95 | 187 950 61 | 581 708 72 | 1,106,98 | 143,545,52 | 4,316.55 | 62,525,26 | 96.58 | 564 569 22 | 8 | 109.76 | (7,863.26) | 125,720.46 | 402,508.55 | 30 ANR OD | 4,225.08 | (14.60) | 100,331,32 | 122,090,32 | 104,682,31 | 196.667.70 | 5,844.54 | 19 469 75 | 83 434 88 | 207, 380, 82 | 2,376,616.07 | 48,075.82 | 528,947 13 | 265,470,68 | 1,676.81 | 567,03 | 7,626.95 | 16,442,42 308.46 | 54 077 33 | 1,317,27 | | 221,597,18 | 181,762,23 | 1 000 177 95 | 58 772 40 | 23 | 6,234,85 | 9,304.63 | 181.25 | 4,773,515.13 | 2,926.86 | 35,479.25 | 103 965 AO | (8,383.78) | 1,197,26 | | 3,953.45 | 186,UU/ 15 665,238,R3 | (11,001.38) | 20,225 13 | 341,742.75 | 7,364.46 | 50,594.93 | (11,666.40) | 5,297.38 | 299,542.43 | 134,159,05 | 128,5U6.50 |
| | 2,318,787.85 | (10,404.42) | C9 110 /6/1 | 1,773,515.99 | 198,154,06 | 3,170,857.48 | 3,580 64 | 36096,901 | 187 950 61 | 5.817.087.28 | 22,139.70 | 357,073.93 | 50,395.31 | 79,252,659 | 9616.01 | 564 569 22 | 456,330.67 | (11,410.94) | (78,632.54) | 419,068,18 | 100,100,00 | 205,786,74 | 4.225.08 | (29.15) | 100,331,32 | 122,090,32 | 149,546.14 | 186 567 70 | 116.890.71 | 19 469 75 | 83,434,88 | 207,380.82 | 2,494,441.65 | 48,075.82 | 528,947,13 | 265,470.68 | 1,676.81 | 1,956.76 | 113,606,66 | 104,424,38 | 540 773 12 | 13,172.48 | 456,493,66 | 221 597 18 | 605,666.59 | 201,049.19 | 587,723,95 | 30,285 43 | 23,380,71 | 34,892,39 | 210 603 36 | 4,773,515.13 | 2,926.86 | 35,479.25 | 107.965.80 | (55,891.97) | 16,700.32 | * | 18,145.09 | 1,173,950,65 | 150 R74 DB | 202,251,42 | 683,485.45 | 30,450.00 | 277,206.18 | 110 BT3 00) | 18,287.98 | 561,642.08 | 191,655.74 | 126,506,55 |
| | 305,580.57 | (01.626.10) | 1,650,944,14 | 523,380.57 | 62,063.06 | 2,046,528,29 | 1,133.88 | 26.086,601 | 187 950 61 | 604.561.13 | 1,225.76 | 158,894,75 | 4,316.56 | 00,430,30 | 05.000 25.000 | 625.007 44 | | 114.51 | (8,706.96) | 125,720.46 | 416,251.12 | 30.808.00 | 4,225,06 | (14.60) | 100,331,32 | 122,090.32 | 104,662.31 | 186 667 70 | 5.844.54 | 19 469 75 | 83,434,88 | 207,380.62 | 2,376,616 07 | 48,075.82 | 528,947,13 | 265,470.68 | 1,676.81 | 649.80 | 8,445.30 | 414.11 | 50 RS0 7R | 1,458.12 | 228,246 86 | 221,597,18 | 181,762.23 | 1 080 177 85 | | 2,572.65 | 6,906.12 | 10,306.41 | 69.495.54 | 4,773,515.13 | 2,926.86 | 35,479.25 | 107 965 AU | (8,730.92) | 1,485.43 | 4 9 | 4,377.64 | 692,812,78 | (11.433.57) | 21,100.81 | 379,714,17 | 7,364.46 | 50,594.93 | (11,666.40) | 5,297.38 | 299,542.43 | 146,621.91 | 126,566.55 |
| | 2,318,787,85 | (00.162.81) | 1,662,319.07 | 1,963,156.95 | | 3,170,857,48 | 3,580.64 | 56:08C'60L | 187 950 61 | 6.045,611,39 | 24,515.22 | 395,255,62 | 50,395.31 | 602,302,500 | 77 599 9 | 625,007,44 | 456,330,67 | (11,905.00) | (87,069.58) | 419,068.18 | 38 70C 78C | 205 386 74 | 4,225.08 | (29.15) | 100,331,32 | 122,090,32 | 149,546.14 | 186 667 70 | 116.890.71 | 19 469 75 | 83,434,88 | 207,380.82 | 2,494,441,65 | 48,075.62 | 528,947.13 | 265,470.68 | 1,676.81 | 2,166.00 | 125,796.52 100,000 | 4 141 00 | 598 597 65 | 14,581.00 | 456,493 66 | 221,597 18 | 605,666.59 | 1 137 107 77 | 650,568.91 | 30,872.00 | 25,696.00 | 38,649.08 | 233 123 05 | 4,773,515.13 | 2,926.86 | 35,479.25 | 103 965 80 | (58,206.21) | 20,720.00 | | 20,092.00 | 1,222,610,76 | 364,658,16 | 211,008.26 | 759,428.28 | 30,450,00 | 470 140 72 | (110,803,00) | 18,287.98 | 561,642.08 | 209,459.82 | 120,500 50 |
| remaining, cu | 2 2 | 8 8 | 7 00 | 50 | 22 | 20 | 20 83 | 9 9 | 39 | 52 | 95 | | 8 1 | | : 18 3 | | 32 | | | 60 43 | 50 G | 3 23 | 38 | 50 31 | 0 | 0 9 | 2 2 | 3 5 | 3 25 | | 09 | 0 | 90 | 0 09 | 0 09 | 0 09 | 9 | _ | | 8 2 | | 1 SS | | 36 0 | 43 | 90 | 150 | 95 | 50 45 | 50 45 | 8 S | 0 | 9 | 2 2 | 2 5 | 25 25 | 95 : 00 | 30 | 50 46 | 2.5 | : 15 | 28 | 31 | 43 | 88 | ; % 2.5 | 90 | 50 29 | 61 00 | 9 |
| Jyr knit life | 88 | 38 | 35 | | 8 | _ | 000 | 88 | 8 8 | 8 | | _ | | 3 8 | 800 | | | | 0.00 | 000 | 38 | | 8 8 | | | | 0000 | 200 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 00.0 | _ | | 88 | 8 6 | 38 | 8 | 000 | 80 | 800 | 88 | 28 | 000 | 000 | 88 | 38 | 000 | 8 | 88 | 3 9 | 00 | 001 | 8 | 8 | 38 | 380 | 000 | 8 | 8 | 88 | 200 | 9 | 8 | 86 | 3 |
| m bosting m | 6102/10/20 | SIDZIINO | SID/IDG | 05/01/2019 | 05/01/2019 | 05/01/2019 | 05/01/2019 | 05/10/50 | 05/01/2019 0 | 05/01/2019 | 05/01/2019 | 05/01/2019 | 05/01/2019 0:00 | 050017000 | 05/01/2019 | 06/01/2019 0 00 | 05/01/2019 0 00 | 05/01/2019 0:00 | 05/01/2019 | 05/01/2019 | 06010010 | 05/01/2019 | 05/01/2019 | | 05/01/2019 | ם מכ | 5102/10/20 | | 05/01/2019 | 05/01/2019 | 6 | | 05/01/2019 | 05/01/2019 | 05/01/2019 | 05/01/2019 (| Φ. | 9 | 05/01/2019 | 05/10/2018/ | 05/01/2019 | 05/01/2019 (| 05/01/2019 (| 06/01/2019 (| 05/01/2019 0 | 05/07/1050 | 05/01/2019 (| 05/01/2019 (| 05/01/2019 (| 05/01/2019(| 05/07/10/20 | | | 05/01/2019 | 05/01/2019 | - | | | | 05/01/2019 (| 9 | ch: | ψı. | | 06/01/2019 0:0 | | | 05/01/2019 0 | 05/01/2019 0.00 | Control |
| 35 C | 0.00% | | 4004 | | 0.00% | | | | | | 9.69% | | | 0.00% | 3.78% | 9.67% | 0.00% | 4.15% | 9,69,6 | 0.00% | 0.00% | #N/A | WAY | #W/A | MINA | MAN A | WILLY WILLY | #W/A | #WA | #N/A | #WA | RNA | #N/A | #N/A | WA/NA | #N!A | WA | 899.6 | 269.6 | 3.00% 3.78% | 7996 | 9.996 | %00.0 | %00.0 | 0.00% | 9.00% 0.00% | 9.66% | 1.90% | 9.72% | 9.72% | 9.66% | MN/A | MNA | #N/A | #NZA | 3.96% | 19.40% | 9.99% | 9.69% | 3.96% | 3.78% | 4.15% | 10.00% | %00.0 | 8000 | %000 0 | | | 8.50% | HILL |
| Elect % G | 400.00L | \$15.00 \$10.00 \$1 | 20.00 | 90.74% | 100.00% | 100.00% | 100.00% | VALUE | #WA | 96.22% | 90.31% | 90.34% | 00.00% | 100,00% | 96 22% | 90.33% | 100.00% | 95 85% | 90.31% | 100.00% | 100.00% | W/A | | | #NUA | | | | | | | | | | | | | | | | | | | | | 100.00% | | 98.10% | | | | | W/N# | WAY. | #WA | 96.02% | 80.60% | 90.34% | 90.31% | 96 02% | 96 22% | 95.85% | %00.06 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 91.50% #N/A | FIVE |
| Allocation | | | | | | | | | | | 2500 | | | 200 | 2900 | J049T | 6100 | U132 | U073 | 9000 | NOPOL TOHOL | WW/A | W/A | #WA | #WA | WATER A | WAL'A | #W/A | W.A | #N/A | WINA | WAY | WAYA | W/N/# | #N/A | #WA | N/A | 10043 | 2800 | 2007 11053 | 6900 | 0900 | J09GC | Fully Amor | JOF79 | UNA3 | 0900 | U067 | 8000 | 0008 | MOCON | #W/A | WAYA | ANIA Alla | #N/A | 0030 | 1,029 | 0026 | 5907 | 10793 | U054 | 9,00 | 9000 | U045 | JUMBS | 1701 | D034 | 0000 | J0646 | #INC |
| M_service_ye sub_accou uality_accc (dg_work_i | TAMIZOTE ZI-MUNCU TROSUB-S JOBSH | COUNTY ST-WORLD ISOURCE STORY | U/UI/ZUI4 ZI-MUCU 13USUD-3 JUUE | 02/01/2018 21-MCACO 1303005-5 JOOK 1 | CENTIZATE ZI-MONCO EXCENTE-S JOSON | 05/01/2013 21-MO/CO 1303010-5 28253 | 01/01/2019 21-MO/CO 1303010-5 J09J0 | 02/01/2012 SA-SENET 1303005-5 2/04/ | 0201/2003 /1 T KORIE 1302005/3 19200 | 12/01/2018 20-CORPC 1303005-S JOCQH | | 08/01/2017 20-CORPC 1303005-S J002G | 03/01/2019 20-CORPC 13/03/005-S JOHOL | National Surcompet 1300000-5 Justice | 04/04/2019 20-CORPC 13/03/05-5 J0G/05 | 09/01/2014 20-CORPC 1303005-5 J0497 | 06/01/2017 20-CORPC 1303005-S J0CAN | 03/01/2019 20-CORPC 1303005-S JOHWJ | 03/01/2019 20-CORPC 1303005-S J0H2W | 01/01/2018 20-CORPC 1303005-S J0DV9 | DAMINER OF CONTROL ISUAMOS JUGAN | 01/01/2019 5R-RENEY 1303005-S JOCZ0 | 01/01/2005 65-CALLA 1303005-S 14314 | 05/01/2017 65-CALLA* 1303005-S J061R | 01/01/2005 65-CALLA 1303005-5 14314 | TAMAZON 65-CALLA TAKSURS S 26205 | UZANIZATO BO-CALLA TRUBURD-S JUBERA | 0301/2007 65-CALL AV 1303005-S 14754 | 03/01/2019 65-CALLA* 13/03/06-S JOHR9 | 08/01/2007 52-0SAGE 1303005-S 19439 | 08/01/2007 52-OSAGE 1303005-S 19439 | | 01/01/2010 54-TAUM! 1303005-S 23512 | 12/01/2004 58-LABAD 1303005-S 15290 | 03/01/2006 58-LABAD 1303005-S 19153 | 03/01/2006 63-RUSH I 1303005-S 19153 | 02/01/2009 72:WERAA 1303005-5 16566 | 02/01/2019 21-MO/CO 13/03/06-S JOFPZ | UNUTZO19 ZI-MUCCO 1303005-5 JOSEC | IZUNZUN ZI-MONCO ISUSUB-S JURNA IPANIZUN 21-MONCO 1303005-S INGRI | 01/01/2019 21-MOVCD 13/03/005-S JOGR8 | 01/01/2019 21-MOVCD 1303005-S J0GR7 | 12/01/2016 21-MO/CD 13/03/05-S J09GC | 01/01/1999 21-MCVCO 1303005-S 10385 | 12/01/2017 21-MO/CO 1303005-S J0F79 | 11/01/2018 21:MO/CO 13/03/05-S JOHFZ | 12/01/2018 21-MO/CO 1303005-S JOGR7 | 02/01/2019 21-MO/CO 1303005-5 J0GR9 | 02/01/2019 21-MO/CO 1303005-S J097L | 01/01/2019 21-MO/CO 13/03005-5 J097L | 12/01/2017 21-MOVCO 1303005-5 J00074 | 06/01/2010 5A-GENEF 1303005-5 24033 | 02/01/2009 7P-Picking 1303005-S 16566 | 1000172009 7P-Pickney 1303005-5 25111 | 11/01/2009 59-KEOKU 1303005-S 24148 | 02/01/2019 20-CORPC 1303005-S JOCXIX | 03/01/2019 20-CORPC 1303005-S JODBR | 02/01/2018 20-CORPC 1303005-S J08L2 | 03/01/2019 20-CORPC 1303005-S J0FZB | USY01/2017 ZV-CORPY, 1303005-5 JOCSD 08/01/2016 ZO-CORPY, 1303005-5 J0793 | 03/01/2019 20-CORPC 13/03/05-S JOCQH | 02/01/2019 20-CORPC 1303005-5 JOHTP | 12/01/2016 20-CORPC 1303005-5 J09G8 | 02/01/2018 20-CORPC 1303005-S JOFXM | OBJOINZOIR ZO-CORPY 1303005-5 JOHS3 | | | | 12/01/2015 20-CORPC 1303006-S J0646 | |
| company ldg_description | | SOOT GOOD COLOURS THE STATE OF | 32830066 UEC-URION WORK UNDER ADDITION | | 29519057 UEC-Unior OPPM Project Justingatio | | 35774303 UEC-Unior OPPM Project Justificatio | 32630260 UEC-Unior Work Order Addition | 24650920 LFC-Unior Work Order Addition | 35526574 UEC-Unior Identity Access Mam1 Cy | 36298090 UEC-Unior Systems of Integration - L | 32894212 UEC-Union eCustomer & Mobile Inve | UEC-Urion | 25027444 UEC-URIO SORWER AUDMEDON B R 2577/702 HEC Hole Divisi Delega Dender D. | UEC-Union | UEC-Union | | 36022045 UEC-Unioy Analytics Data Lake Desk | UEC-Unio | | 34934201 UEC-UIRO WUR LINGS ADDIEST | 35774522 UEC-Unior Subscriber Solar Softwan | 24648403 UEC-Unior BALANCE RECORD | 32531696 UEC-Unior RM-11 Replacement | 24648430 UEC-Union BALANCE RECORD | 24649365 UEC-Union Work Order Addition | 26/003610 UEC-UNION WORK UNDER AGRICON 26/003610 UEC-Union Cuber Converts Compilian | 24650335 (IEC.Jinios Dose Assessment Software | EC-Unio | 24650911 UEC-Unior Work Order Addition | 24650902 UEC-Unior Work Order Addition | 24550751 UEC-Unior Work Order Addition | 32830156 UEC-Unior Work Order Addition | 24643018 UEC-Unior BALANCE RECORD | 24650557 UEC-Unior Work Order Addition | 24650612 UEC-Unior Work Order Addition | 24649030 UEC-Unior CTG Montoring Software | 35876736 UEC-Union System of Engagement S | 30021761 UEC-Union Enhanced Service Order | 2002 050 UEC-UMO CLIMINES SERVE COLZO | | 35775034 UEC-Unior CSS Sys of Integration 20 | | | UEC-Unior Mobile Time Capture Enh | 3391280/ UEC-Unior system of Engagement's 32830102 HEC-Unior Work Date: Arithma | | | 35876319 UEC-Union Cust Relation Mgmt Ph I - | 35/74277 UEC-Union Cust Relation Mgmt Ph I - | 33632397 UEC-Union Cust Exp IVR UEC 2017 | 24649392 UEC-Union Work Order Addition | 24648718 UEC-Union Work Order Addition | 24650630 UEC-Unior Work Order Addition 24640468 LIFC-Unior Work Order Addition | 24650778 UEC-Unior Work Order Addition | 35876536 UEC-Unior UEC - Win 10 Digital Wor | 36021340 UEC-Unior GIS Portal with Conflation | 34017994 UEC-Unior CSS Investment Plan 201 | 36021536 UEC-Unior Digital Billing & Payment | 3408538 UEC-Unior Work Order Addition | 36021300 UEC-Unior Identity Access Mam1 Cy | 35877266 UEC-Unior RPA Foundation - UEC | 34337330 UEC-Unior Work Order Addition | 34019341 LEC-Union Digital Outage Product Re | 34851109 UEC-Unior Damage Claims Phase 2 | 36021843 UEC-Unior Digital Outage Product Ri | 34018956 UEC-Unior Digital Outage Product - L | 34764733 UEC-Unior Work Order Addition | 32428948 UEC-Unior Work Order Addition 24448268 HEC-House COSTAVARE | Z4048ZDG UEC-UIROF DOF 117ARE |

| Gas Depr 2,186 40 1,394.99 1,390.45 1,1496.71 317.82 3,306.96 5,347.25 3,411.05 9,841.16 9,841.16 9,841.16 9,941.16 9,941.16 1,662.70 3,917.53 1,662.70 3,917.63 1,662.70 3,917.63 1,662.70 3,917.63 1,662.70 3,917.63 1,662.70 3,917.63 |
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| Gas Depr | 2040.06 | 2001 | 36,086.43 | | | | | | 832.31 | 50.31 | 12,940 61 | × | 4,024.20 | 4,898.94 | 1,162,99 | (224.57) | (3.291.72) | 9.587.69 | 16.0 | | | • 2 | 4.0 | | | | Ç + | • | | 363,267 02 | | ć i | • | | | | ٠ | | | F 1 | 1,159.72 | 4 3 | • | 796 71 | , | (568 59) | | 20,631.57 | 4 | 152.20 | 9 | (277.66) | 16,789.80 | , , | 38.11 | A Company of the Comp |
|--|---|---------------------------------------|--|-------------------------------------|---|--|--|---------------------------------------|--|---|---|-----------------|---|---|-------------------------------------|--|--|---|---------------------------------------|--|----------------------|---|--------------------------------------|---|-------------------------------------|--|--------------------------------------|-------------------------------------|---|--|---|-------------------------------------|-------------------------------------|--|-------------------------------------|---|--|--|---|-------------------------------------|--|--|--|-------------------------------------|--|---|-------------------------------------|--|---|---|--|--|--|--|---|--|
| Gas Resv | 1 171 63 | | 269,554.66 | | | , | | | 2,076.31 | 27.15 | 19 894.92 | 23,015.17 | 21 037 98 | 2,494.83 | 582.26 | (114.36) | (1,480.90) | 24,768.19 | 0.86 | | , | ٠ | | | | | . 1 | • | | 30,785.35 | | | ŀ | | | | | | , | | 3,520.57 | • • | , | 2 128 19 | , | (873.19) | , | 32,558.18 | 69,150.92 | 180.99 | 1 4 | (729.36) | 8,550.36 | , , | 42.42 12 RQR 1R | and the second |
| Gas Plant G | 0 075 20 | | 371,799.53 | | öh | | | | 4,295.81 | 271.49 | 56,265.45 - | 23,015.17 | 23,385 43 | 24,948.29 | 5,922,62 | (1.143.62) | (16,567,94) | 49,536.39 | 4.67 | 100 | | | | | | | | • | | 1,847,120.47 | | i i | r | | | 1 1 | | | | | 11,735.23 | | , | 4 119 07 | , | (2,910.63) | , | 104,768.67 | 69,150.92 | 726.38 | 4 | (1,446.65) | 85,503.63 | . , | 159.92 54 R04 75 | A LANGE |
| | 9,191.85 | 2,521,124,72 | 5,720,548.83 | 470,314,55 | 340 ROD BD | 352,576.07 | 232,659,60 | 169 360.43 | 52,852.54 | 627.04 | 06,050,090 | 574,781.49 | 20 167 49 | 57,621,52 | 5,519.82 | (1.065.84) | (13,849.33) | 232,163,23 | 58.54 | 7,676.81 | 1,861.68 | 46,692.07 | 52,651.58 | (153.30) | 10,877,14 | 33,918.76 | 44,446.54 | 25,117.70 | (171.96) | | 1,483.29 | 122,495.68 | 218,080,12 | 224,239.74 | 5,031,65 | 2,509.56 | 35,313.86 | 20,393.66 | 479 | 2,926.86 | 240,963,34 | 3,944,042,78 | 2,509.56 | 710,221.50 | 8,768,73 | (8,156.05) | 2,609,385,86 | 304,483.03 48 805 53 | 645,956.86 | 1,692.61 | 1,676.81 | 392.15 | 79,962.72 | 429,933,33 | 396.75 | 5,723.28 |
| | 68,908.99 | 3,379,168.43 | 7,890,412.25 | 470.314.55 | 3-50 RQO RO | 352,576.07 | 297,012.27 | 189 360 41 | 109,350,03 | 6,270.51 | 332,331 12 | 574,781.49 | 615,560.75 | 576,215,31 | 56,198.38 | (10.658.48) | (154,942.87) | 464,326,57 | 319.33 | 1,676.81 | 1,861.68 | 46,692.07 | 105,303,20 | (306.55) | 10,877,14 | 53,918 76 | 44,446.54 | 25,117,70 | (344.01) | | 765.32 | 122,495,68 | 218,080.12 | 975,157,65 | 5,031.65 | 2,509.56 | 35,313.86 | 20,393,66 | 208,742.73 | 2,926.86 | 803,211.12 | 7,281,309.75 | 2.509.56 | 710,221.50 | 12,526.75 | (27,220.07) | 2,609,385.86 | 979,793.16 | 645,956.86 | 6,793.12 | 1,676.81 | (13,560.06) | 799,627.08 | 859,866.71 | 1,495.58 | 57,233 00 |
| | 9,191,85 | 2,521,124.72 | 5,990,103.49 | 470,314.55 | 350 BOD BO | 352,576.07 | 232,659.60 | 188 360.41 | 54,928.85 | 654.19 | 70:106:007 06:669:66 | 597,796.66 | 20 167 49 | 60,116.35 | 6,112.08 | (1.180.20) | (15,330,23) | 256,931.42 | 59.40 | 1,676.81 | 1,861.68 | 46,692.07 | 52,651,58 | (153 30) | 10,877,14 | 37.918.76 | 44,446.54 | 25,117.70 | (171.96) | 30,785.35 | 1,483.29 | 122,495.68 | 218,080.12 | 224,239.74 | 5,031,65 | 2,509.56 | 35,313.86 | 20,393.66 | 3,479.05 | 2,926.86 | 244,483.91 | 3,944,042.78 | 2,509.56 | 710,221.50 | 8,768.73 | (9,039.24) | 2,609,385.86 | 337,041.21 | 715,107,78 | 1,873.60 | 1,676.81 | 392.15 | 88,513.08 | 429,933,33 | 439.17 | 5,723,28 |
| _ | 68,938.99 | 3,379,168.43 | 8,262,211,78 | 470,314,55 | 344 ROD RD | 352,576 07 | 297,012.27 | 188 760 41 | 113,645.84 | 6,542.00 | 332,331,12 | 597,796,66 | 678,946.18 | 601,163,60 | 61,121,00 | (11.802.10) | (171,510.81) | 513,862.96 | 324.00 | 1,676.81 | 1,861.68 | 46,692.07 | 105,303,20 | (306.56) | 10,877,14 | 3,918.76 | 44,446.54 | 25,117.70 | (344 01) | 1,847,120 47 | 765.32 | 122,495.68 | 218,080.12 | 975,157.65 | 5,031 65 | 2,509.56 2,909.68 | 35,313.86 | 20,393.66 | 208,742.73 | 2,926.86 | 814,946.35 | 7,281,309.75 | 2,509.56 | 710,221.50 | 12,526.75 | (30,130.70) | 2,609,385.86 | 1,084,561.83 | 715,107,78 | 7,519.50 | 1,676.81 | 4,706.00 | 885,130.71 | 859,866.71 | 1,655.50 | 57,233.00 |
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| 16 % se | 0.00% | | | | | | #N/A | WIN'S | 3.76% | 4,15% | %000 000% | 3 85% | 3.66% | 4,15% | %69.6 | 8698 | 9,996 | 9.64% | 1,44% | W/N# | #WA | #W/A | #N/A | YA. | #WA | W.A | W/A | W/N/A | WAY A | #N/A | 0.00% | #KA | MWA. | WAY WAY | MWA | W/A | W/N/W | W//A | #WA (| אווא | 1.44% | MALA O DOR | MVA | 0.00% | %00.0 | 9.99% | 0.00% | %99.6 %99.6 | 8,296 | 3.19% | HN/A | 9.64% | 8998 | %000 000 000 | %996 6 | %000 |
| Elect % G | 100.00% | 100.00% | 95.50% | YAW W | WA!/A | W/N/W | ANA | WN/A | 96.22% | 95.85% | 100.00% | 96.15% | 100 00% | 95.85% | 90.31% | 90.31% | 90.34% | 90.36% | %99 B6 | #N/A | #WA | #N/A | MV/A | WA. | MANA | MANA MANA | #PUA | W/N# | KN/H | MANA | 100.00% | #WA | MNVA | #WA | MNIA | #N/A | #N/A | #N/A | #N/A | MNIA | 98.56% | #N/A | MNA | 100.00% | 100.00% | 90.34% | 100 00% | 90.34% | 90.33% | 90.34% | WAY | 100.00% 90.36% | 90.34% | 100.00% | 90.34% | 100.00% |
| | 1003 11033 | | | YNE S | MA/A | WAY | #N/A | W.Y.A | JOCXG | U132 | 10045 10045 | J037C | VISOL | 9200 | 5200 | 2007 | 1055 | JOSEW 1 ICSE | 0100 | ¥/N# | #WA | #W/A | #NA | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | W/V | #WA | #N/A | #N/A | WA. | #N/A | 30900 | EN.A | MANA | #WA #WA | WW.A | W/A | #WA | W/A | #WA | #WA | 700n | MANA | #N/A | Fully Amor | J07GN | JODDM Fully Amor | Fully Amor | 1040 | SMT/ | U033 | MAZ | J0L.19 J096W | 0055 | 7000 7000 | 0028 | U071 |
| in_service_ye.sub_accou utility_accc.fdg_work_c Attocation | 01/01/2019 21-MO/CO 1303005-5 J063H maintzona 21-MO/CO 1303005-5 J063H | 07/01/2012 21-MO/CO 1303010-5 27135 | 03/01/2012 21-MO/CO 1303010-S 28153 | 02/01/2012 54-GENEF 1303005-5 27047 | 1901/2010 DATCENER TRUBUCTS 2203/ | 02/01/2013 5A-GENEF 1303005-S J000K | 05/01/2016 5A-GENEF 1303005-S J06JJ | 11/01/2010 39-NEONU 13/03/05-5 25112 | | 02/01/2019 20-CORPC 1303005-S JOHWJ | 12/01/2017 ZU-CURPL 13/03/05-5 JOSUP 01/01/2018 20-CORPC 13/03/05-S JOPKM | | 12/01/2014 20-CDRPC 13/03/05-5 J06TV r2/01/2018 20-CDRPC 13/03/05-5 J00V9 | | 01/01/2019 20-CORPC 1303005-5 JOH2W | 02/01/2019 20-CDRPC 1303005-5 JOH2W | 03/01/2019 20-CORPC 1303005-S J06L3 | 12/01/2016 20-CDRPC 13/03/06-5 J096W | 20-CORPC 1303005- | 02/01/2009 7A-Audrair 1303005-5 16566 | 7A-Audrair 1303005-S | 7A-Audrair | 12/01/2016 65-CALLA/ 1303005-5 J0C9L | 05/01/2017 65-CALLAY 13/03/005-5 J09/DN | 01/01/2003 65-CALLA 1303005-S 11283 | 01/01/2005 65-CALLA/ 1303005-5 01000 01/01/2003 65-CALLA/ 1303005-5 11283 | 01/01/2005 65-CALLAY 1303005-S 14314 | 01/01/2005 65-CALLA 1303005-S 07000 | 05/01/2017 65-CALLA 13/03/05-5 J0/12 | 05/01/2019 82-LITTLE 2303005-S JOFR9 | 05/01/2016 21-MO/CO 1303000-N J09J0 | 07/01/2011 50-MERAN 1303005-S 19454 | 07/01/2014 52-0SAGE 1303005-S J046S | 06/01/2018 G-RUSH 13/03/06-S J3/201 | 10/01/2008 50-MERAN 1303238-P 19342 | 02/01/2009 72-MERAN 1303005-S 16566 02/01/2009 78-Barrey 1302/05-S 16566 | 62-VENICI 1303005-S | 02/01/2009 62-VENICI 1303005-S 16566 02/01/2000 62/VENICI 1302005-S 16566 | 62-VENICI 1303005-S | 02/01/2009 98-PENO (1303005-5 16566 | 07/01/2016 20-CORPC 1303010-S J0821 | 01/01/2014 65-CALLA 1303010-S 20071 08/01/2017 22:41/65/01/202006-S 108RG | 02/01/2009 7K-KINMU 13/03/025-5 165/66 | 01/01/2000 21-MO/CO 1303005-5 10336 | 01/01/2016 21-MO/CD 13/03/06-5 J07/GN | 03/01/2018 21-MO/CO 1303005-5 J0DDM 04/01/1000 21-MO/CO 1303005-5 10320 | 01/01/2002 21-MO/CD 1303005-5 12282 | 11/01/2017 21-MO/CO 1303005-5 JOCR9 | 06/01/2014 21-MC/CD 1303005-5 JOATV | 02/01/2018 21-MO/CO 1303005-5 J0DKN 02/01/2014 21-MO/CO 1303016-5 28258 | 02/01/2009 7P-Picture 1303005-5 16566 | 02/01/2019 20-CDRPC 1303005-5 J0L19 01/01/2017 20-CDRPC 1303006-5 J096W | | 12/01/2016 20-CORPC 1303005-5 J09LF | 02/01/2018 20-CORPC 13/33/05-5 J0D2G 02/01/2018 20-CORPC 13/3/05-5 J0F2R | 01/01/2019 20-CORPC 1303005-S J0H32 |
| company ldg_description | 35773860 UEC-Unior ADMS Enhancements 17. | 24645233 UEC-Unio Work Order Addition | 24642012 UEC-Union Work Order Addition | | 24049330 DEC-UIDO VIOR OTOR AUDION 24854407 LEC-Joins Work Dodes Addition | 32830262 UEC-Union Work Order Addition | 34485008 UEC-Union Work Order Addition | 24630300 DEC-URION WORK UNDER AUGUSTI | 34475935 UEC-Union Work Order Addition | 35877272 UEC-Union Analytics Data Lake Desk | 3393353 UEC-Union Matoke First Web Recess 3394389 UEC-Union Digital Outage Product Ru | | 26445023 UEC-Unior Work Order Addition 34018935 LIFC-Linian Albek 4 II | 35527941 UEC-Unior RPA Foundation - UEC | | 35977022 UEC-Unior Digital Dutage Product Rt 35877022 UEC-Unior Digital Billing & Payment | 36020758 UEC-Unior CSS Investment Plan 201 | 31882225 UEC-Unior Catt Center Sys Investme | 36021156 UEC-Unior UEC Oracle Unifier | 24649165 UEC-Unior Work Order Addition | | 24649084 UEC-Unior 2006 CTG Acquisition | 35463609 UEC-Unior Empry Software | 32532400 UEC-Union (SI Software Upgrade | 24648286 UEC-Union SOFTWARE | 24648529 UEC-Unior BALANCE RECORD 24648740 HEC-Ilvior SCIETWARE | 24648439 UEC-Unio BALANCE RECORD | 24648520 UEC-Union BALANCE RECORD | 32532676 UEC-Union Work Under Addition 32532676 UEC-Union Replace Effluent Martt Si | 36297386 UEC-Union GIS Gas Replacement - L | 29519063 UEC-Unior OPPM Project Justification | UEC-Union | | 24643495 UEC-Unior Sur I WARE 34623007 UEC-Unior Rush Island Cyber Securi | | 24649012 UEC-Unior CTG Monitoring Software | 24650575 UEC-Unior Work Order Addition | 24648859 UEC-Unior Work Order Addition | 36296109 UEC-Unior CTG Patch Management | | 34088562 UEC-Unior Work Order Addition | 32830316 UEC-Unior Work Order Addition | | 24651540 UEC-Unios SOFTWARE | 35210276 UEC-Unior Work Order Addition | 34189406 UEC-Unios Cust Exp IVR UEC 2017 | | 33375735 UEC-Unios Energy Delivery Analytics | | 34018923 UEC-Unior 2017 Customer Experient 32829949 HEC-Unior Work Order Addition | 24648727 UEC-Unior Work Order Addition | 35877732 UEC-Unior SB 564 MO Solar Rebate 32030431 UEC-Unior Call Center Svs Investme | 35526064 UEC-Unior CSS Investment Plan 201 | 34475907 UEC-Unior Work Order Addition | | 35775118 UEC-Unior Digital Outage Product Ru |

| G48 Depr 94.282.13 14.307.69 3.345 62 1.881.44 3.659.57 (153.826.88) 4.241.41 2.00.482.17 5.16.07 5.134.70 17.197 8.185.57 6.374.57 2.207.86 777.97 8.185.57 6.374.57 1.1093.95 11.093.95 11.093.95 11.093.95 7.199.69 34.32.34 11.093.95 11.093.95 11.093.95 11.093.95 11.093.95 11.093.95 11.093.95 11.093.95 11.093.95 11.093.95 | |
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| 648 Resv 21,972.52 8,141.51 1,759.85 1,863.67 1,863.67 23,161.68 26,000.99 9,11 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 26,105.62 11,703.94 39,333.19 11,703.94 39,333.19 11,703.94 39,333.19 11,703.94 39,333.19 11,703.94 36,209.19 11,703.94 36,209.19 11,703.94 36,209.19 11,703.94 36,209.19 11,703.94 | |
| Gas Plant 6 73,241 73 17,083.71 9,099.16 18,059.70 17,083.71 9,099.16 18,056.70 18,025.70 99,099.11,216.30 56,105.62 3,883.57 41,902.33 63,745.72 1,157.36 17,276.30 56,105.62 73 1,157.36 17,276.30 56,105.62 73 1,157.36 17,276.30 56,105.23 63,745.72 1,157.36 17,276.30 56,105.23 63,745.72 1,157.36 17,276.30 56,105.23 63,745.72 1,157.36 17,276.30 56,105.23 1,157.36 17,276.30 1 | |
| | 149,182,49 3,108,642 94 27,9042 78 11,117,186 467,653 30 306,195,86 1,744,96 617,804,37 41,280,31 114,138,79 118,597,06 208,050 2,509,56 |
| | 149,182,49 50,386,842,94 50,386,57 11,117,86 467,623,30 306,929,66 1,744,96 17,89,37 41,280,31 114,138,79 128,687,06 2,599,56 2,599,56 |
| 247,495.07 227,436.79 227,436.79 227,436.79 227,436.79 227,436.79 227,436.79 24,330.09 26,946.68 26,946.68 26,946.68 26,946.89 29,19 39,19 | 149, 182, 49 3,108,842,94 279,042,78 11,117,86 467,625,30 306,195,66 17,74,96 617,804,37 41,220,31 114,138,79 208,050 6,209,56 2,509,56 |
| CANTENT Value 2474 (950 B) 755, 195 99 820, 181 92 177, 008 31 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 423 17 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 432 14 18, 68 18 18, 6 | 149,182,49 3,108,842,94 507,330,57 11,117,86 467,623,30 306,145,86 1,744,96 617,894,37 41,280,31 114,187,9 128,587,06 206,050 6,050,188,7 |
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| 2. 3.0.6. Jacobo 104th_Jacobo 200.0005 2.0.CORPK 1303005 2.0.C | 08/01/2008 65-CALLA 13/03/05-S 23194 20/01/2011 65-CALLA 13/03/05-S 23194 10/01/2016 65-CALLA 13/03/05-S 13/04 01/01/2006 65-CALLA 13/03/05-S 14/17 03/01/2006 65-CALLA 13/03/05-S 14/17 03/01/2006 65-CALA 13/03/05-S 14/17 03/01/2006 65-CASAGE 13/03/05-S 14/17 06/01/2009 65-LABAD 13/03/05-S 14/17 06/01/2009 65-LABAD 13/03/05-S 16/28 02/01/2009 65-LABAD 13/03/05-S 16/26 02/01/2009 62-VENICI 13/03/05-S 16/26 02/01/2009 62-VENICI 13/03/05-S 16/26 |
| Medicaria Constitution of the Constitution of | 2464855 UEC-Unior Work Order Addition 2464901 UEC-Unior Work Order Addition 24648457 UEC-Unior Work Order Addition 24648457 UEC-Unior Work Order Addition 24659407 UEC-Unior Work Order Addition 24649486 UEC-Unior Work Order Addition 2464947 UEC-Unior Work Order Addition 24645277 UEC-Unior Work Order Addition 24645277 UEC-Unior Work Order Addition 24648273 UEC-Unior Work Order Addition 24648823 UEC-Unior Work Order Addition 24648841 UEC-Unior Work Order Addition 24648841 UEC-Unior Work Order Addition |

| Gas Depr | 1 1 | (189.74) | | | | 79.33 | , | | 3,570.84 | 4,177.90 | 401.68 | 16.016,1 | 15,242.27 | 7,801.84 | | | | | | | 4,159.75 | 1,78 | 430.11 | 5,661.64 | 95.5 | 21.01.75 | 4 825 20 | 6.137.82 | 2,566.90 | 1,068.06 | 1,020 79 | 954.07 | 504 26 | | | | · | | ì | | | 300 | 8 8 8 | 5,690.34 |
|--|--|-------------------------------------|---|--|--|--|--|--|--|-------------------------------------|---|--|---|--|--|--|--|--|--|--|---|--|--|---|--|-------------------------------------|---|--|--|---|---|--|--|---|-------------------------------------|--------------------------------------|-------------------------------------|--|-------------------------------------|---|---|---|--|--|
| Gas Resv | | (96 62) | 4 | | 4 | 40 40 | | | 22,861.43 | 2,127.64 | 616.66 | 3,072,70 | 10,143.91 | 61,950.35 | * | | | | | | 704.50 | 2.89 | 219.04 | 2,683.24 | 4.25 | 1,037.00 | 3.630.16 | 5344 30 | 7,786.27 | 543.91 | 519.84 | 485.87 | 1.131.31 | | | | ď | | | | | 445.44 | FB 02 | 848.30 |
| Gas Plant Go | 1 * | (966.24) | • | | | 403.99 | | ٠ | 24,05171 | 21,276.35 | 2,056.01 | no ocein | 77,463.95 | 80,804.81 | i. | | | | | , | 21,156.63 | 8 67 | 2,190.36 | 28,832,44 | 30.16 | 14 906 80 | 24 539 36 | 30,407.06 | 13,347,89 | 5,439.18 | 5,198.46 | 4,858.71 | 1,095 11 | | | V | | 4 | , | | | 1 642 00 | 00.195 | 28,351.63 |
| | 753.841.46 | (2,231.68) | | 37,710,71 | 434,982,77 | 376.53 | 330,669.99 | 1,518,807.92 | 570,941,90 | 49,140,68 | 2,767.00 | 190 402 16 | 234,287,68 | 1,314,724,19 | 38,995.49 | 3,476.71 | 162,285.87 | 344,018.83 | 898,016.79 | 2,509.56 | 16,271,50 | 105.58 | 5,575,58 | 66,592 51 | 102.56 | 28 691 12 | 87.673.21 | 49,000,45 | 532,926.88 | 2,259.77 | 12,006.54 | 4,543.87 | 41 398 97 | 4.043.61 | 66,848,53 | 9,025.55 | 7,842 94 | 221,896.71 | (100,331,32) | 78,501.00 | 71,742 91 | 323,547,16 | 5,306,13 | 7,906.08 |
| | 753,841,46 | (22,316.76) | - 444 | 107,744.87 | 483,314,18 | 3,765.17 | 330,669.99 | 1,518,807.92 | 600,667,95 | 491,406.73 | 19,227.75 | 204 002 30 | 1,789,137,26 | 1,714,857.67 | 159,055 41 | 21,206.74 | 177,039.14 | 344,018.83 | 899,016.79 | 2,509.56 | 488,641,63 | 317.33 | 56,755,75 | 665,925,14 | 726.463 | 24, 293, 50 144, 293, 23 | 592,658,59 | 283,391,26 | 913,588.92 | 22,597.82 | 120,065.54 | 45,438 49 | 113.262.54 | 4 043 61 | 66,848.53 | 9,025.55 | 7,642.94 | 221,896,71 | (100,331,32) | 157,002,07 | 143,485.96 | 258,496,85 | 20,000 | 264,234 80 |
| ending_reserve 36,424.68 | 753,841,46 | (2,328.30) | | 37.710.71 | 434,982.77 | 416.93 | 330,669.99 | 1,518,807.92 | 590,800,33 | 51,268,32 | 16,383,56 | 190 402 16 | 244,431.59 | 1,376,674.54 | 38,995.49 | 3,476.71 | 162,285.87 | 344,018.83 | 898,016.79 | 2,509.56 | 16,976.00 | 108.47 | 5,794.62 | 69,475.75 | 70 474 74 | 20 073 75 | 91.303.37 | 55,152.75 | 540,713.15 | 2,803.68 | 12,526,38 | 5,029.74 | 42 530 28 | 4.043.61 | 66,848.53 | 9,025.55 | 7,842.94 | 221,896.71 | (100,331,32) | 78,501,00 | 71,742.91 | 223,547.16 | A 83 | 8,754.38 |
| current_value 36,424.68 | 753,841.46 | (23,283.00) | | 107.744.67 | 483,314.18 | 4,169.16 | 330,669.99 | 1,518,807.92 | 624,719.66 | 512,683.08 | 21,283.76 | 204 002 30 | 1,866,601.21 | 1,795,662.48 | 159,055 41 | 21,206.74 | 177,039.14 | 344,016.63 | 898,016.79 | 2,509.56 | 509,798.26 | 326.00 | 57,946.11 | 694,757,58 | 747 014 06 | 359 200 03 | 617.197.95 | 313,798.32 | 926,936.81 | 28,037,00 | 125,264,00 | 50,297.20 | 116.357.65 | 4.043.61 | 66,848.53 | 9,025,55 | 7,842.94 | 221,896.71 | (100,331,32) | 157,002,07 | 143,485.96 | 329,496.83 | 363.00 | 292,586.43 |
| remaining 60 0 | 3 23 | 60 55 | | 60 40 | 2 09 | 60 55 | 0 09 | 0 09 | 60 | 60 | 3 S | 39 | 8 | 20 29 | 20 83 | 20 | 9 09 | 0 09 | 0 09 | 0 09 | 60 | 60 09 | 92 | 8 8 | 2 5 | 2 92 | 28 | | 60 26 | | | 9 5 | | 0 | 0 09 | 0 09 | 0 09 | 0 09 | 0 09 | 31 | 99 | > 15 28 25 | 3 5 | 28 |
| A int life | 38 | 90 | 88 | 8 8 | 8 | 00 | 8 | 8 | 8 | 8 8 | 3 8 | 3 8 | 8 | - | - | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 00 | 8 8 | 8 8 | 8 8 | 8 8 | 8 | 8 | 8 | 8 : | 8 8 | 8 8 | 8 | 00 | 8 | 00 | 8 | 8 | 8 | 88 | 88 | 3 8 | 88 |
| gl_posting_mo_yr init_life 0501/2019 0.00 | 06/01/2019 0:00 | 05/01/2019 0.00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 06/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 05/01/2019 0 00 | 0008102/10/00 | 05/01/2019 0 00 | 05/01/2019 0:00 | 05/01/2019 0 00 | 05/01/2019 0.00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 05/01/2019 0.00 | 05/11/2019 0 00 | 05/11/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 05/01/2019 0.00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0:00 | 05/01/2019 0.00 | 0.00 8102/10/20 | 0501/2019 0.00 | 05/01/2019 0 00 |
| | %00.0 | 4.15% | 9.64% | 0.00% | 0.00% | 9 69% | 0.00% | 0.00% | 3.85% | 4.15% | 9.00% | 0000 | 4.15% | 4.50% | 0.00% | 0.00% | #WA | #N/A | WA | #N/A | 4.15% | 2.66% | 3.78% | 4.15% | 3.96% | 4 15% | 3.98% | 869.6 | 1.44% | 19.40% | 4.15% | 9.00% | 2.66% | #N/A | #WA | WWA | #WA | #WA | #N/A | #NEA | #WA | A 16% | WW/A | 9.69% |
| | 100.00% | 95.85% | 90.36% | 100.00% | 100.00% | 90.31% | 100.00% | 100.00% | 96.15% | 95.85% | 50.74% 06.76% | 100.00% | 95.85% | 95.50% | 100.00% | 100.00% | #NTA | MUA | WINA | #NIA | 95.85% | 97.34% | 96.22% | 95.85% | 06.42% | 95.85% | 96 02% | 90.31% | 98.56% | 80.60% | 95.65% | 90.34% | 97.34% | #NVA | #NVA | MANA | MANA | MANA | WA | MA | #N/A | MANA DE DE DE DE DE DE DE | mV/A | 90.31% |
| Allocation (| Fully Amor | 1900 | J002J | 6000 | 70327 | 0075 | Fuffy Amor | Fuffy Amor | JOHWB | 0078 | 3000K | JOZEB | 0200 | 28179 | 20900 | 20970 | #MA | ¥M* | WN/A | #WA | C077 | U022 | 200 | U132 | 0030 | 30.12x | 0000 | U072 | 0000 | D029 | 000 | 0000 | LI022 | #N/A | #W/A | AWA | MNIA | #N/A | #N/A | BING | #WA | PNO P | WW/A | 1010 |
| in service ye sub_eccou utility_ecc. lbg_work_i Allocation Elect % 0801/2009 98-PEND + 1303006-5 2511 #WA #WA AMMA PARAMOND 3V VINITI 1303006-5 2511 #WA AMMA PARAMOND 3V VINITI 1303006-5 16225 | 11/01/2011 21-MO/CO 1303005-S 29205 | 02/01/2019 21-MO/CO 1303005-5 J0K8Z | 01/01/2017 21-MO/CO 1303005-S J0D2J | 09/01/2017 21-MO/CO 13/03005-5 JOF88 | 01/01/2015 21-MO/CO 1303005-5 J032V | 02/01/2019 21-MO/CO 1303005-S J0CPF | 08/01/2012 21-MO/CO 1303005-5 29214 | 02/01/2014 21-MO/CO 1303005-S 28689 | 11/01/2014 21-MO/CO 1303005-5 J04WB | 12/01/2018 21-MO/CO 1303005-5 J0G52 | OLOGIZATIS ZI-MUNCU TRUBIUD-S JOUEN | 12/01/2014 21-MO/CO 1303005-S J02FB | 10/01/2018 21-MO/CO 1303005-S J0DF4 | 10/01/2011 21-MO/CD 1303010-S 28179 | 01/01/2017 21-MO/CO 1303010-S J09J0 | 04/01/2018 21-MO/CO 1303010-S J09J0 | 11/01/2014 5A-GENEF 1303005-S JOIDV | 02/01/2009 5A-GENEF 1303005-S 16566 | 02/01/2012 5A-GENEF 1303005-S 28158 | 02/01/2009 7P-Pickney 1303005-S 16566 | 04/01/2019 20-CORPC 1303005-5 JOJVM | 02/01/2016 20-CORPC 1303005-5 J0C7J | 01/01/2019 20-CORPC 1303005-S JOCQH | 12/01/2018 20-CORPC 13/03/005-5 JOHWJ | OAMIZUTE ZO-CORPL TRIBUIDES JUCAR | 01/01/2019 20-CORPC 1303005-5 J012X | 11/01/2018 20-CORPC 1303005-S JOCXK | 08/01/2018 20-CORPC 1303005-S JOHZV | 08/01/2016 20-CORPC 1303005-S J08F3 | 01/01/2019 20-CORPC 1303005-S J0D8R | 01/01/2019 20-CORPC 1303005-S JOHTP | UMUIZUIG ZO-CORPC 1303005-5 JOSES | 09/01/2017 20-CORPC 13/03/05-5 JOC7.) | 06/01/2001 7A-Audrair 1303005-S 0T000 | 01/01/2005 65-CALLA 1303005-5 14314 | 01/01/2003 65-CALLA1 1303005-S 11283 | 01/01/2003 65-CALLA 1303005-S 11283 | 01/01/2013 65-CALLA 1303005-S 23654 | 01/01/2005 65-CALLA 1303005-S 14314 | 12/01/2016 65-CALLA 1303005-S J0B36 | 12/01/2016 65-CALLA* 13/03/05-S J09/0N | MANUFALLA SOCALLA SAUGUES JUSTINE CAMPINE DISTRICT SAUGUES JUSTINE DISTRICT SAUGUES DISTRICT | CONTROL ROLL TTI E 220005 SIGNED | 03/01/2019 20-CORPC 1303905-C JOLBS |
| assel id company ldg_description (2450639 UEC-Unior Work Order Addition 2460639 UEC-Unior Mork Order Addition | 24649329 UEC-Unior Work Order Addition | 35877584 UEC-Unior Dynatrace - UEC | 32031304 UEC-Unior OPPM Software Innovation | 36050810 UEC-Unior Work Order Addition | 32830075 UEC-Unior Work Order Addition | 35876495 UEC-Unio Customer Experience UE | 24649320 UEC-Unior Work Order Addition | 32830021 UEC-Unior Work Order Addition | 32830084 UEC-Unior Work Order Addition | 35527489 UEC-Union CICD - UEC | 340188/3 DEC-UNIO CUST EXP USI UEC 2017 3418037 (IEC.) Inio Work Order Addition | 32830048 UEC-Union Work Order Addition | 35186764 UEC-Unior Cyber Security Operation | 24642B11 UEC-Unior Work Order Addition | 32030604 UEC-Unior OPPM Project Justificatio | 34310091 UEC-Unior OPPM Project Justificatio | 32830271 UEC-Unior Work Order Addition | 24642851 UEC-Unior Work Order Addition | 24649277 UEC-Unior Work Order Addition | 24648709 UEC-Unior Work Order Addition | 36155403 UEC-Unior Network IDS for iff System | 34018715 UEC-Unior PowerTax FERC Trans 5 | 35774468 UEC-Unior Identity Access Mgmt_Cy | 35527948 UEC-Unior Analytics Data Lake Desk | 30021317 UEC-UNIO UEC - WIN 10 DIGITAL WOL | 35775477 UEC-Union Secure VPN - UEC | 35295312 UEC-Unior UEC - Win 10 Digital Wor | 34850957 UEC-Unior Digital Billing & Payment | 35906824 UEC-Unior Work Order Addition | 35774538 UEC-Unior GIS Portal with Conflation | 35775350 UEC-Unior RPA Foundation - UEC | 35773883 UEC-Unior CSS Investment Plan 201 | 33146495 UEC-Unior PowerTax FERC Trans S | 24649129 UEC-Unior 2006 CTG Acquisition | 24648421 UEC-Union BALANCE RECORD | 24648304 UEC-Unio SOFTWARE | 24648250 UEC-Union SOFTWARE | 24648502 UEC-Unior Work Order Addition | 24648583 UEC-Unios SOFTWARE | 31872951 UEC-Unior Replace Effluent Mgmt Si | 31872496 UEC-Unior ISI Software Upgrade | 33389323 UEC-Unior Work Under Addition 2616667 UEC-Unior UEC Sharmonial Site Union | 26876667 HEC-Inio - ASPIRE PT CUT AMO. | 36022701 UEC-Unior CRM CSR Phase 2 - UEC |

1,846,041.09

3,477,216.75

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

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

| FERC Acct | PRO FORMA BALANCE | Rate | Annual Depreciation At Current Rates |
|---|------------------------|----------------|--------------------------------------|
| 7.000 | (1) | (2) | (3) = (1) * (2) |
| Intangible Plant | | | |
| 303 | 4,143,542 | 20 00% | 828,708 |
| 303 - Alloc fm Elect Plant | 7,001,585 | | 1,017,333 |
| | 11,145,127 | , | 1,846,041 |
| Production Plant | | | |
| 304 | 2 | 4 | |
| 305 | | 0.00% | |
| 311 | | 0.00% | I K |
| | * | | (*) |
| | | | |
| Transmission Plant | | | |
| 365 | 119.532 | 0.00% | 100 |
| 366 | * | 0.00% | - |
| 367 | 5,465,985 | 1.62% | 88,549 |
| 369 | 40,900 | 0.88% | 360 |
| | 5,626,417 | | 88,909 |
| | | | |
| Distribution Plant | | | |
| 374 | 2,431,941 | 0.00% | 100 |
| 375 | 184,148 | 4.50% | 8,287 |
| 376 | 278 676,350 | 2 03% | 5,657,130 |
| 378 | 6,019,938 | 2.49% | 149,896 |
| 379 | 694,105 | 2.57% | 17,838 |
| 380 | 136 762,847 | 1.78% | 2,434,379 |
| 381 | 22 315,495 | 5.56% | 1,240,742 |
| 383 385 | 18 348,450 | 3.63% 2.54% | 666,049 |
| 387 | 1,353,553 | 0 00% | 34,360 |
| | 466,786,828 | 000% | 10,208,701 |
| | | | |
| General Plant 389 | 2.634.242 | 0.00% | |
| 390 | 17,101,646 | 2.76% | 472,005 |
| 391 | 1,621,345 | 6.67% | 108,144 |
| 391-Fully Accrued | 21,614 | 0.00% | |
| 391-001 | 97,711 | 0.00% | - |
| 391-002 | 2,648,235 | 20.00% | 529,647 |
| 391-002-Fully Accrd | 141,481 | 0.00% | * |
| 392 | 8,266,713 | 7.16% | 591,897 |
| 393 | 10,136 | 5.00% | 507 |
| 394-Fully Accrued | 2,678,743 1,199,101 | 5.00% 0.00% | 133 937 |
| 395 | 101,647 | 5.00% | 5.082 |
| 395-Fully Accrued | 8,605 | 0.00% | 5,002 |
| 396 | 3.486,933 | 5.33% | 185.854 |
| 397 | 875,182 | 6.67% | 58 375 |
| 397-Fully Accrued | 409.414 | 0.00% | * |
| 398 | 39,041 | 6.67% | 2,604 |
| | 41,341,789 | | 2.088,052 |
| Total General Plant Exclu | dian 302 £ 306 | | |
| TOTAL GALLACIA PIANT CACIL | 29,588,143 | | 1,310,301 |
| | 20,000,140 | | 1,310,301 |
| Plant In Service | 524,900,160 | 44 | 14,231,703 |
| Composite Depreciation | | | 2.71% |
| ICC Depreciation | (4 004 474) | 2 740 | 104 030 |
| ico pepreciation | (1,264,171) | 2.71% | (34,276) |
| Total Gas Plant in Service | 9 | | |
| 7,00 - 07 - 07 - 07 - 07 - 07 - 07 - 07 | 523.835.989 | 12 | 14,197,427 |
| | | | |

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

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

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

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

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

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

AMEREN MISSOURI ALLOCATION ANALYSIS OF INCENTIVE COMPENSATION

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

AMEREN SERVICES ALLOCATION ANALYSIS OF INCENTIVE COMPENSATION

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

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

(Source: monthly payroll distribution report 7370)

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

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

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

| | Performance | e Incentive |
|-----------------|------------------------|------------------|
| MONTH | EXECUTIVE | CONTRACT |
| AMEREN SERVICES | | |
| JAN 2010 | 1,121,390 | 65,889 |
| FEB | 1,583,311 | 63,000 |
| MAR | 475,358 | 30,778 |
| APR MAY | 1,146,192 | 66,973 |
| JUN | 1,262,620 1,128,977 | 56,068 66,689 |
| JUL | 3,173,889 | 70,019 |
| AUG | 785,109 | 60,105 |
| SEP | 995,052 | 59,351 |
| OCT | 1,358,004 | 66,073 |
| NOV | 1,663,452 | 66,201 |
| DEC | 1,661,078 | 67,935 |
| TOTAL 2010 | 16,354,432 | 739,081 |
| | | |
| JAN 2011 | 1,140,505 | 55,322 |
| FEB | 1,213,827 | 52,963 |
| MAR | 1,518,791 | 42,249 |
| APR | 1,153,612 | 54,077 |
| MAY | 1,319,782 | 41,776 |
| JUN | 1,213,959 | 53,881 |
| JUL | 1,194,489 | 52,425 |
| AUG SEP | 709,470 | 72,850 |
| OCT | 1,116,728 1,138,087 | 51,386 |
| NOV | 2,323,895 | 53,380 48,571 |
| DEC | 2,323,693 | 45,613 |
| TOTAL 2011 | 16,253,328 | 624,493 |
| | 10,200,020 | 021,100 |
| JAN 2012 | 1,225,182 | 61,407 |
| FEB | 867,137 | 53,688 |
| MAR | 109,788 | 64,052 |
| APR | 1,159,327 | 53,268 |
| MAY | 1,285,351 | 25,376 |
| JUN | 1,181,220 | 50,067 |
| JUL | 1,252,042 | 53,807 |
| AUG SEP | 1,525,189 | 46,758 |
| OCT | 1,235,357 1,265,625 | 46,641 54,499 |
| NOV | 1,093,620 | 15,260 |
| DEC | 1,377,735 | 47,635 |
| TOTAL 2012 | 13,577,573 | 572,458 |
| , | | |
| 1441 | | |
| JAN 2013 | 1,202,999 | 61,059 |
| FEB | 2,055,300 | 52,400 |
| MAR | 1,874,505 | 36,934 |
| APR | 1,183,388 | 57,581 |
| MAY JUN | 1,330,455 1,254,088 | 48,202 53,516 |
| JUL | 1,254,088 | 52,516 69,159 |
| AUG | 1,014,016 | 68,158 51,388 |
| SEP | 1,196,048 | 51,388 54,035 |
| OCT | 1,205,231 | 60,427 |
| NOV | 2,585,170 | 1,536 |
| DEC | 5,876,937 | 52,140 |
| TOTAL 2013 | 21,979,573 | 596,376 |
| | = -,, | |

| | Performance | e Incentive |
|-----------------|-------------|--------------------|
| MONTH | EXECUTIVE | CONTRACT |
| AMEREN SERVICES | | |
| JAN 2014 | 1,343,505 | 63,148 |
| FEB | (555,670) | 53,260 |
| MAR | 1,570,682 | 28,370 |
| APR | 2,272,302 | 43,112 |
| MAY | 1,583,644 | 54,872 |
| JUN | 1,652,008 | 52,955 |
| JUL | 1,605,723 | 58,760 |
| AUG | 451,945 | 32,044 |
| SEP | 1,479,203 | 55,19 6 |
| ОСТ | 1,506,956 | 56,859 |
| NOV | 1,465,852 | 50,335 |
| DEC | 3,821,040 | 122,997 |
| TOTAL 2014 | 18,197,190 | 671,908 |
| | | |
| JAN 2015 | 1,410,004 | 56,388 |
| FEB | 1,797,092 | 46,991 |
| MAR | (1,036,956) | (124,550) |
| APR | 1,397,971 | 51,462 |
| MAY | 1,407,389 | 48,192 |
| JUN | 1,431,681 | 51,960 |
| JUL | 1,425,512 | 55,044 |
| AUG | 1,581,403 | 51,256 |
| SEP | 1,596,361 | 53,696 |
| OCT | 1,819,584 | 35,765 |
| NOV | 1,875,119 | 34,567 |
| DEC | 2,144,545 | 42,195 |
| TOTAL 2015 | 16,849,705 | 402,966 |
| JAN 2016 | 1,454,959 | 46,011 |
| FEB | 1,519,868 | 47,966 |
| MAR | 1,203,464 | 3,496 |
| APR | 1,512,728 | 51,435 |
| 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) |
| TOTAL 2016 | 19,346,115 | 213,969 |
| • | | - |
| JAN 2017 | 1,548,264 | 51,751 |
| FEB | 1,501,537 | 51,751 |
| MAR | 1,780,023 | 173,048 |
| APR | 1,686,297 | 50,352 |
| MAY | 1,686,297 | 50,352 |
| JUN | 1,682,497 | 50,352 |
| 10F | 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 |
| TOTAL 2017 | 25,255,969 | 732,459 |

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

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

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

07/09/2019

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

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

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

| - | |
|------------------------|-------------------|
| AND SUPPLIES - ACCOUNT | December 31, 2017 |
| AATERIALS | |

| GAS | | | | | * 1 1 | | | | | | | | | ٠, | | • (1) | | | | | 282,046 | - 60 | | 1.121.101 | | 3.4 | | 30 222 | | | | | . 27 | , | 1,433,481 | 221.872 | | 8 1 658,333 0 78% | 1 23 3H | 5 1,678,717 | | | | |
|--|---|---|------------------------------|--------------------------|------------------------------|---|---|--|-------------------------|--|---|--|---------------------------------|---|--|---|---------|------|---------|--------------------------|--------------------|---------|---------|-----------------------------------|--------|------------------|------------------|---------|---------|--------------|------------------|-----------|-----------|---|---|--|---|--|---|--|--------------------|--|--|--|
| DISTRIBUTION | 21,512,774 | 717,971 | | | (1,080,1) | 43,350 | (3.230) | 14.848 | 1,739 | 39 000 | (1,244) | 晃. | (2.254) | 469 950 | 22,005 | | 9 336 | \$12 | \$ 5043 | 3,716 | 1,507,588 | 254,544 | 910 | 1,013,000 | 28.2 | 145 685 | (945) | 21,315 | | | | 1.285 | | | 32.410.735 | 181,162,8 | , | 37.641.686 | 528 631 | 38 570,717 | | | | |
| ELECTRIC TRANSMISSION | \$ 417,403 1 | | | | | | | | ٠, | | 11,345 | 2,543,740 | | | , , | | 641318 | | 32.560 | | | - 5 | | | 9.9 | | K.E. | 1,70 | 6.63 | (3) 1 | | 4 1 | 6 4 | | 4 046 775 | | | 8 4 046,775 E | \$ 098'98' | 4 100 735 \$ | | | | |
| PRODUCTION | \$ 386,185 40,622,096 | | 11,140,154 | 10,579,518 | | | | | | | | | | , . | | 181.53 | | | | * 1 | | . 2 | | | | | 424,113 | | 416.914 | 42,805 | 14.275 | 1.580,715 | 2917.280 | 600,000 | 166,714,178 | | 065,001 1,106,264 | 8 170 006 5485 7 000% | \$ 2,388,734 | \$ 172,395,31B | | | | |
| ALLOCATION FACTOR | See Sch Dresct | See Sch | 0 0 0 0 0 0 | Descri | S S S | Descri | Descri | Doner Doner | Deed | | 1 2 2 | Design | Oraci Oraci | 000 | Descri | | | | Descri | D O | See Sch See Sch | See Sch | See Seh | 6 6 8 E | Day of | See Sch Dyncl | Daniel Object | See Sch | | D 00 | Dweet See Sch | Descri | | 000 | , | Date | Deect of | | | | | | | |
| ADJUSTED STOREROOM BALANCES | 22.718.782 80.622.006 5.726.243 | 717.971 | 11,140,154 | 27,628 628 10,579,510 | | 13.350 | (3.236) | 14 840 | 1,71 | 34 OBC | 11,244 | 2543.740 | (2,254) | 469.B50 | g . | 181,533 | 0.330 | 513 | 32.580 | 3,714 | 1,780 647 | 284 544 | 818 | 2,905 054 | 200 20 | 145.005 | 424,113 | 20,222 | 816 916 | 42,805 | 14.273 | 1,580,785 | 2,917,280 | 000.007 | 204 805,140 | 5 453 023 | 1,188,284 | 14 | 2 997 909 | 210 346 486 | | | - Calons | - Second |
| ROUNDING A MISC AGAINTMENTS | \$ (347,723) B (1,251,745) (78,774) | (11,200) | (175,000) | (430.218) | ≥ | Ŗ. | - P | 14(2) | | (809) | Ra | (4) (39 802) | (1.415) | (7,947) | | (2.851) | 951 | €. | 4.237 | . 95 | (\$68,75) | (4 634) | , ≘ (| (45,706) | 145 | (2.782) | (pop p) | (313) | (9,002) | (673) | (\$ZZ) . | (24 843) | (8,704) | (0.42) | (3,174,297) | | | (3,174.207) 8 | on) | en! | | | Constant and a second | Billing and January |
| ACCRUMA ACCT 154-801 | \$ 815.978 335.631 719.431 | 7.5 | 53 RD6 201.053 | 282.587 | | 80.08 | | | 5-50 | | 17.541 | 0.253 | 15.716 | 2 050 | | 340 | 100 001 | | 301 865 | | 20 315 | | 53 | 28.283 | 9 624 | | 4.219 | 1 450 | 1,582 | 44 | | 4 500 | | 1,862 | 2,851,482 | , | | 2,051,402 | | | | | | |
| PURCHASES & VENDOR REJECTS | 0.00 | 9,00 | | 215 | | | | • • | K 9. | | | 4. 1 | | 100 | | | | | | | | | e c | | | | | 1. 1 | - 13 | 0:: | | - 343 | .) | | , | 4 | | | | | | COREHDOMS 130.253 | (3.304.550) | To the own, |
| PER REPORT POAZE STOREROOM BALANCES | 5 22,448,509 8 80,809,810 5,085,626 | 728.247 | 11,301,608 | 10,682,902 | 11 286 | (001 /2) | (3.287) | 15 083 | 22 | 39 295 | (4.283) | 2,575,358 | 91 373 | 474 338 | 23 386 | 184035 | (10176) | 523 | \$ 122 | 3,772 | 1,797,170 | 200178 | . 22 | 2854 567 | 10372 | 712,141 | (858) | 25 KS | 625 036 | 43 478 5 103 | 14 500 | 1,610,157 | 2,963,159 | 500.165 | 204.927,964 | | 985 933 | ~ | (June) | E UNDISTRIBUTED | | ALDCATED TO ALL S | l- | 1 |
| NAME NAME | DORSETT CENERAL CALLAWAY PLANT GRATIOT LINDERGROUND | MAJ STA MATE TOOLS - DORSETT SPARE PARTS - SUBSTATIONS ONLY | MERAMEC PLANT SIGUX PLANT | FUSH ISLAND PLANT | CABLE MELD FOR TEST POWER ON | MACKENZE HEADQUARTERS GRATIOT GENERAL OFFICE | BERKELEY HEADQUARTERS ST FRANCOIS HEADQUARTERS | UEC STOKM EMERGENCY DC DCRSETT HEADQUARTERS DCRSET NAME ACTOR TO STEEL | WATSON OVERHEIGH CHIEFT | TRANSFORMERS - EAST MAILES TRANSFORMERS - EMERGENCY TRANSFORMERS - EMERGENCY | FRAMELIN HEADOLARTERS UEC VIRTUAL TRANSMISSION | ST CHARLES HEADQUARTERS RIVEPLANES TRANSLASSION | HOUSE SPRINGS MAJ STORM CAPE | HIVEALINES CONSTRUCTION RIVEALINES - GENERAL | UELVET UAL LASTINGUICA MENDO PUEL MENDO PUEL | OSAGE PART TANA A FILE TANA A | ត ក | | | ST CHARLES RONTON-POTOSI | | 051 | | ACT PENSON CALT ACT CALD CARDANAS | 128 | 33 | | J = . | | 2 2 | 20 | 20 | | LIARYLAND HEXPITS CTG UEC XFAM RETREAMENTS & MON-STOCK | TOTAL ACCOUNT 154-20 & 22, EXCL TRUCK ? | AUCULAT 154-25 (MULLEAN SPANG PARTS) ACCOUNT 154-25 (TRUCK STORES) | ACCOUNT 154-885 LINESTONE 34 INCH ACCOUNT 154-885 ACTIVATED CARBON | total materials and supplies (Fas A11) | Account 183 (70x - \$10RES EXPENSE UNDISTRIBUTED (pl query) | TOTAL MATERIALS AND SUPPLIES, INC., STORES EXPENSE UNDISTRIBUTED | HINDTORIOR ON ONLY | NOTE, MECELLAMEGIUS AND ROUNDING ALLARITS ALLOCATED TO ALL STOREFICOURS MECHANICAL STOREFICOURS NOT CAULATING CONTROLS REPORT 130.25 | AND DEATER TO ALL STREETS OF AND DESTREETS | Milehimmistikk i tak mileh bersen ugan sesemme |
| Sec. | -07 | | ~ # # | 511 | 2 7 5 | 8.5 | នន | 1 K 1 | 8 55 8 | R 23: 3 | 2 2 | 24 24 | # S | ¥ \$7 : | 3 3 3 | 9 4 | 4 4 | 3 5 | ទ | 23 25 | 81 | 2 3 : | 883 | 886 | 182 | 2.2 | r r | 71400 | 5 25 5 | 22 | 12 12 | 22 : | 8 3 8 | 288 | | | | TOTAL (| Account | TOTAL | TOWITS | NOTE & | | |

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

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

OPERATING EXPENSES 12 MONTHS ENDED 06/30/2018

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

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

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

Ameren Missouri AVERAGE PREPAYMENTS 13 MONTHS ENDED MAY 31, 2019

| | | | | | | | | | | | | | | | | TOTAL | 15,645,246 | 13,498,744 | 11,678,374 | 10,423,911 | 19,133,989 | 17,512,534 | 15,720,785 | 14,733,775 | 14,235,188 | 12.969.356 | 16.626.950 | 15.128.435 | 13,680,551 | 190,985,836 |
|--|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|--------------|--|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|
| | | | | | | | | | | | | | | | | NSR, OPACITY & NPDES LINGUIDE 65-NPD/MSR/OPC | \$ 2,804,707 | 1.849.476 | 1,514,453 | 1,477,884 | 893,851 | 738,341 | 412,534 | 100,587 | 150 | 150 | 434.872 | 150 | 150 | \$ 10,227,305 \$ |
| | | | | | | | | | | | | | | | | GAS ENERGY EFF VENDOR 1 165-HEP 1 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | 110,670 | , | 1,328,040 |
| | | | | | | | | | | | | | | | | ENTERPRISE SAFETY MGMT 165-ESM | | | | ٠ | | ٠ | , | | | | | | | 6 |
| SYBASE Maintenance 165-039 | * | | , | | | | | | | | , | * | | | , | IUCLEAR WAITIN! ABB POWER PER. INSURANCE CARE CONTRACT 165-703 | | | | |) | | | | * | | 488.997 | A34 664 | 380,331 | 1,303,992 |
| Contract rtal VEBA 165-031 | , | | • | | | • | • | , | , | | | | | 53% 53 | | IUCLEAR WAITINI PER. INSURANCE 165-703 | | | | . * | | ٠ | • | | | | | | ः | 6 |
| Management Contra Medical & Dental VEBA 165-030 165-03 | 4,139,547 \$ | 4,139,547 | 4,139,547 | 4,139,547 | 4,461,472 | 4,461,472 | 4,461,472 | 4,098,188 | 4,262,245 | 4,262,245 | 4,533,398 | 4,533,398 | 4,533,398 | 56,165,476 \$ | 4,320,421 \$ | CAROUSEL IU (AVAYA) PI 165-154 | | | | | | | | ٠ | | | | | | , |
| MA EXT WARRANTY 165-023 | 83,286 \$ | 69,405 | 55,524 | 41,643 | 27.762 | 13.881 | | | | 127,755 | 113,560 | 99,365 | 85.170 | 717,351 \$ | \$ 181.\$5 | SNOW ENTERPRISE SUBSCRIPTION 165-138 | 8 | | | | | , | | | | | | | 207.856 | 207,856 \$ |
| COAL CAR LEASE 165-012 | 133,537 \$ | 119,604 | 75,017 | 297,952 | 253,365 | 208,778 | 164.191 | 119,604 | (30,431) | | | | 6 | 1,341,617 \$ | 103,201 \$ | GIGAMON S 165-120 | 33,089 \$ | 31.948 | 30.807 | 29,666 | 28,525 | 27,384 | 26,243 | 25,102 | 23.961 | 22 820 | 21.679 | 20 538 | 19.397 | 341,159 \$ |
| REG. COMMISSION ASSESSMENTS 165-004 | * | | | | | * | Ge. | , | | | | | 9 | 9 | | SECUREWORKS 165-085/086 | \$ (02) | (02) | | • | | • | • | | • | | | | | {140} \$ |
| MISSOURI GAS R INSURANCE 19-165-003 | \$ 969'909 | 433,449 | 360,201 | 286,954 | 890,004 | 817,645 | 745,287 | 798,359 | 719,971 | 641,582 | 619,630 | 541,050 | 462,469 | 7,823,297 \$ | 601,792 \$ | MICROSOFT ENTERPRISE APP 165-052 | | • | • | | | | | | • | • | | • | , | 1 |
| INSURANCE 165-003 | 7,820,080 \$ | 6,506,532 | 5,192,984 | 3,879,436 | 12,347,192 | 11,052,228 | 9.757.264 | 9.477.154 | 9,145,879 | 7,802,764 | 10,287,699 | 9.371,525 | 7,978,076 | 110,618,813 \$ | 8,509,139 \$ | FUELWORKS SOFTWARE 165-048/077 | | | | | | | | | , | | , | | . , | 1 |
| RENTS 165-002 | 13,704 \$ | 12,334 | 10,963 | 9.593 | 8.223 | 6.852 | 5.482 | 4.111 | 2,741 | 1,370 | 16,445 | 15,075 | 13,704 | 120,597 \$ | 8,277 \$ | IMAGING SOFTWARE 165-046/047 | , | 225 849 | 188.208 | 150,566 | 112,925 | 75,283 | 37,642 | • | | • | | | | 790,473 \$ |
| DATE | \$ 8102/10/90 | 06/30/2018 | 07/31/2018 | 08/31/2018 | 09/30/2018 | 10/31/2018 | 11/30/2018 | 12/31/2018 | 01/31/2019 | 02/28/2019 | 03/31/2019 | 04/30/2019 | 9102/15/50 | TOTAL \$ | AVERAGE \$ | | 05/31/2018 \$ | 06/30/2018 | 07/31/2018 | 08/31/2018 | 09/30/2018 | 10/31/2018 | 11/30/2018 | 12/31/2018 | 01/21/2019 | 02/28/2019 | 010212010 | 047507010 | 05/31/2019 | ** |

14,691,218 190,985,836

786,716 \$

102,157 \$

49

100,307 \$

49

69

15,989 \$

26,243 \$

(11) \$

.

\$ 909'09

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

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

| | REVENUE | EXPENSE LAG | NET LAG | FACTOR | EXPENSE | CASH WORKING CAPITAL REQUIREMENT | | | | | | | | | |
|--|-----------------------------|--------------------|-----------|------------|----------------------------|--|--|--|--|--|--|--|--|--|--|
| OPERATION AND MAINTENANCE PAYROLL & WITHHOLDINGS | 38.65 | /10.20\ | 28.360 | 0.077699 | \$ 14.307.624 | \$ 1,111,688 | | | | | | | | | |
| PENSIONS AND BENEFITS | 38.65 | (10.29) (16.89) | 21.760 | 0.077699 | \$ 14,307,624 1,376,179 | \$ 1,111,688 82,042 | | | | | | | | | |
| PGA EXPENSE | 38.65 | (35.77) | 2.880 | 0.0038010 | 54,150,970 | 427.251 | | | | | | | | | |
| INCENTIVE COMPENSATION | 38.65 | (252.23) | (213.580) | (0.585151) | 1,002,686 | (586,723) | | | | | | | | | |
| UNCOLLECTIBLE ACCOUNTS | 38.65 | (38.65) | 0.000 | (0.000101) | 370,823 | (000)120) | | | | | | | | | |
| OTHER OPERATING EXPENSES | 38.65 | (37.84) | 0.810 | 0.002219 | 14,965,528 | 33,209 | | | | | | | | | |
| | | (/ | | | | | | | | | | | | | |
| TOTAL O&M EXPENSES | | | | | 32,022,840 | | | | | | | | | | |
| TOTAL CASH WORKING CAPITAL REC | QUIREMENT | FOR O&M | | | | 1,067,467 | | | | | | | | | |
| TAXES AND OTHER EXPENSES | | | | | | | | | | | | | | | |
| PAYROLL TAXES | 38.65 | (9.50) | 29,150 | 0.079863 | 925,802 | 73,937 | | | | | | | | | |
| CORPORATE FRANCHISE TAXES | 0.00 | 0.00 | 0.000 | - | - | | | | | | | | | | |
| PROPERTY TAXES | 38.65 | (182.50) | (143.850) | (0.394110) | 8,478,032 | (3,341,277) | | | | | | | | | |
| SALES TAXES | 38.65 | (10.10) | 28.550 | 0.078219 | 3,426,773 | 268,039 | | | | | | | | | |
| GROSS RECEIPTS TAXES | 23.44 | (25.85) | (2.410) | (0.006603) | 7,039,608 | (46,483) | | | | | | | | | |
| | TAL TAYES AND OTHER EVENIES | | | | | | | | | | | | | | |
| TOTAL TAXES AND OTHER EXPENSES | | | | | 19,870,215 | | | | | | | | | | |
| TOTAL CUSTOMER SUPPLIED FUNDS | 5 | | | | | (3,045,784) | | | | | | | | | |
| CASH WORKING CAPITAL REQUIREMEN | NT | | | | | (1,978,317) | | | | | | | | | |
| TAX OFFSET FROM RATE BASE: | | | | | | | | | | | | | | | |
| 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 | (749,000) | | | | | | | | | |
| | | · | . , | • | | (754,000) | | | | | | | | | |
| TOTAL NET CASH WORKING CAPITAL R | REQUIREME | TV | | | | \$ (2,732,317) | | | | | | | | | |

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

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

| eren Missouri | |
|---------------|--|
| Ą | |
| d/p/a | -4 |
| Company | TABLE TO SELECT THE PROPERTY OF THE PARTY OF |
| Electric | 11.00 |
| Unlon | 645 |
| | |

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

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

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

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

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

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

| Joint Deposits To Gas | \$159,952 162,754 165,468 165,901 170,045 173,500 179,658 181,365 181,365 188,192 188,178 | | \$31,152 33,080 33,468 34,221 35,201 35,723 35,437 35,317 35,317 35,300 35,300 35,457 | \$317,213 323,746 325,511 328,163 333,334 340,999 344,037 352,510 356,669 368,669 368,669 365,194 362,965 |
|--|--|---|---|---|
| Gas | 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% 42.67% | | 6.86% 6.86% 6.86% 6.86% 6.86% 6.86% 6.86% 6.86% 6.86% | |
| Joint Deposits To Electric | \$214,907 218,671 222,318 222,898 228,468 231,023 233,108 241,382 244,291 244,291 254,174 255,862 | | \$422,956 449,139 454,408 464,631 467,377 487,937 481,139 480,138 479,514 477,915 479,514 | \$1,453,240 1,491,636 1,495,668 1,515,643 1,530,523 1,530,640 1,612,424 1,639,631 1,639,631 1,646,854 1,635,896 |
| Electric | 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% 57.33% | | 93.14% 93.14% 93.14% 93.14% 93.14% 93.14% 93.14% 93.14% 93.14% | |
| Joint Gas & Electric Deposits 12 MTD 05/19 (1) % 5 75,777,912 57.33% 56,391,627 42.67% 132,169,539 100.00% | \$374,859 381,786 387,786 388,799 398,513 402,971 406,608 421,040 425,041 426,113 426,113 442,808 | 12 MTD 05/19 (1) % \$276.077.973 93.14% 20.349.203 6.86% 296.427,176 100.00% | \$454,108 487,876 487,876 498,852 501,801 513,138 520,746 515,501 514,831 514,831 514,831 514,831 514,831 514,831 514,831 | \$1,770,453 1,815,352 1,821,179 1,844,006 1,863,857 1,915,724 1,986,934 1,986,023 2,005,031 2,012,048 1,998,861 |
| J I | 88 88 88 88 88 88 88 88 88 88 88 88 88 | 1 1 | | യ കാ ത ത ത ത ത ക വ വ വ വ |
| Joint Deposits To Gas Little Dixie BD 2D Electric Revenue 82 Gas Revenue | May-18 Jun-18 Jun-18 Sep-18 Oct-18 Nov-18 Jan-19 Feb-19 Mar-19 | Wentzville BD 2W Electric Revenue 86 Gas Revenue | May-18 Jun-18 Juh-18 Aug-18 Sep-18 Oct-18 Nov-18 Jan-19 Feb-19 Mar-19 May-19 | Total May-18 Jun-18 Jun-18 Jun-18 May-18 May-19 May-19 May-19 May-19 May-19 May-19 May-19 May-19 |
| Joint Deposits To Gas | \$74,814 77,072 74,866 75,780 75,853 79,526 87,549 82,649 82,780 82,645 82,092 80,306 | | \$51,295 50,810 51,709 52,261 53,012 54,882 55,478 56,466 57,292 58,473 58,601 58,601 | 0,0000000000000000000000000000000000000 |
| Gas Percent | 15.50% 15.50% 15.50% 15.50% 15.50% 15.50% 15.50% 15.50% 15.50% | | 11.18% 11.18% 11.18% 11.18% 11.18% 11.18% 11.18% 11.18% 11.18% | %0000 %0000 %0000 %0000 %0000 %0000 %0000 %0000 %0000 |
| Joint Deposits To Electric | \$407,860 420,164 408,138 413,523 413,523 432,139 434,146 441,305 450,571 451,282 450,387 447,532 | | \$407,517 403,662 410,804 415,191 421,155 433,626 438,363 448,598 455,163 466,220 466,220 466,220 | 000000000000000000000000000000000000000 |
| Electric | 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% 84.50% | Total | 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% 88.82% | %00.0 %00.0 %00.0 %00.0 %00.0 %00.0 %00.0 %00.0 %00.0 |
| Joint Gas & Electric Deposits 19 (1) % 84.50% 58 15.50% 63 100.00% | \$482,674 497,236 483,004 489,376 511,407 513,782 522,254 533,002 539,624 518,106 | 19 (1) % 48 88.82% 34 11.18% 32 100.00% | \$458,812 454,472 462,513 467,452 474,167 488,208 493,541 505,064 512,455 523,017 524,162 524,162 | 0,000000000000 |
| 12 MTD 05/19 (1) \$ \$148,193,205 \$ \$27,173,258 \$ \$175,366,463 | | 12 MTD 05/19 \$ 154,755,648 19,475,534 174,231,182 | | Office |
| Capital BD 2J Electric Revenue 83 Gas Revenue | May-18 Jun-18 Aug-18 Sep-18 Oot-18 Nov-18 Jan-19 Apr-19 May-19 | Southeast BD ZT Electric Revenue 85 Gas Revenue | May-18 Jun-18 Jul-18 Aug-18 Sep-18 Oot-18 Noo-18 Jan-19 Feb-19 Mar-19 May-19 | Ameren General Office May-18 Jun-18 Jun-18 Aug-18 Sep-18 Oct-18 Dec-18 Jan-19 Feb-19 Apr-19 Apr-19 |

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

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

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

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

Source of Interest Rates:

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

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

| Contitue into Actual Serv Actual Serv Actual OSAM Actual OSAM Actual OSAM Actual OSAM Actual Serv Actual Serv Actual OSAM Actual OSAM Actual OSAM Actual Serv Actual Serv Actual OSAM Actual OSAM Actual OSAM Actual Serv Actual OSAM Actual OSAM Actual OSAM Services 10,000 | Serv Actual NS Actual D&M Actual D&M | |
|---|--------------------------------------|--|
| 89.33. 146.110 68.4% 10.00020 11.0704 25.468 15.753 89.33. 146.110 68.4% 10.00020 11.0704 25.468 15.753 89.33. 146.110 67.4% 10.0002 11.0704 25.468 15.753 89.33. 146.110 77.4% 10.0002 11.374 25.468 15.753 89.33. 146.110 77.4% 10.0002 10.0002 25.468 15.753 89.33. 13.26.66 17.376 10.0002 17.376 26.488 15.753 89.33. 13.26.66 17.376 10.0002 17.376 27.564 15.554 25.468 15.753 89.33. 13.26.66 17.376 10.0002 17.374 25.468 15.753 89.33. 13.26.66 17.376 10.0002 17.374 25.468 17.539 89.33. 14.378 17.376 17.376 17.376 17.376 17.376 89.33. 14.378 14.378 14.378 <th>O&M % Sev Exp</th> <th>D&M 254TRO/254NTO Difference</th> | O&M % Sev Exp | D&M 254TRO/254NTO Difference |
| 89 93 1 (44) 110 67.4% 904.47 11,474 22,468 15,753 90 93 31 (44) 110 67.4% 904.47 11,364 11,3 | 71.3% 11,229 | |
| 89.333 144, 110 77.1% 113, 8449 13, 8456 23, 4499 15, 753 144, 10 77.1% 113, 8449 13, 8456 23, 4499 15, 753 144, 10 77.1% 113, 8449 13, 8749 13, 8749 15, 2549 15, 753 144, 10 77.1% 113, 8449 13, 8749 13, 8749 15, 2549 15, 753 144, 10 77.1% 113, 8449 13, 8749 13, 8749 12, 8749 | | (13,083) |
| Bead | | (13,288) |
| 89 933 144110 724% 61246 (7194) 75548 15558 75469 15753 8669 86 9333 144110 724% 61246 71549 715 | 62.7% 9,877 | (15,592) |
| 88 933 180 366 77 4% 61 2022 (77 91) 25,489 20,396 81 933 91 91 91 91 91 91 91 91 91 91 91 91 91 | | (15,340) |
| 89 933 190 366 | 62.1% 31,296 | 5.827 |
| 89 333 185 368 | | (12,179 |
| 89 933 185,366 686% 94,911 16,375 15,399 25,499 21,539 89,933 185,366 75,9% 103,902 15,369 11,3972 12,430 12,539 11,3972 185,366 72,449 72.4% 103,912 11,3972 25,469 71,539 72,440 189,933 185,369 72,440 189,933 185,369 72,440 189,933 185,369 72,440 189,933 185,369 72,440 189,933 185,369 72,440 189,933 185,369 72,440 189,933 185,403 1 | | (11,253) |
| 89 933 185,366 | 64.0% 13,785 | (11,684) |
| Big 33 186.366 77.2% 103.911 13.942 25.469 21.539 | | (11) |
| BS 933 116.566 76.2% 101.911 119.78 25.469 12.539 | 66.2% 14.259 | 210 |
| 69 933 68 403 69 403 11 kg 69 687 12 (666) 12 (669) 12 (66 | 64.5% 13,893 | (11.576) |
| Big 323 Big 423 Big 423 Big 424 Ci 1 (191) Ci | | 110 471 |
| 89 93 33 26,403 68 17 73, 27 1 50,407 10,1479 72,409 (12,166) 89 93 33 65,403 68 64 30 68 64 30 68 64 30 58,512 (13,178) 72,469 (12,166) 89 93 33 65,403 70 88 88 55,512 (14,479) 25,469 (12,166) 89 93 33 67,133 74 18 49,452 (43,421) 25,469 (12,166) 89 93 33 67,133 74 18 49,475 (43,648) 25,469 (10,18) 89 93 33 67,133 76 48 50,729 (10,88) 25,469 (10,18) 89 93 33 67,133 76 48 50,729 (10,88) 25,469 (10,18) 89 93 34 67,133 76 48 50,439 (10,88) 25,469 (10,18) 89 93 35 67,133 76 48 50,439 (10,88) 25,469 (10,18) 89 93 35 67,134 77 48 43,47 62,499 (10,88) (10,88) 89 93 35 67,134 <td< td=""><td>(4</td><td>689</td></td<> | (4 | 689 |
| 266,798 256,208 69 89 175,221 (01,478) 76,479 76,499 89,933 65,403 66.605 53,72 (31,778) 25,468 (12,166) 89,933 65,403 66.605 65.07 53,729 (47,606) 25,468 (12,166) 89,933 67,133 74.44 72.44 50,729 (40,187) 25,469 (10,181) 89,933 67,133 74.44 50,729 (40,187) 25,469 (10,181) 89,933 67,133 72.44 50,729 (40,187) 25,469 (10,181) 89,933 67,133 72.44 50,729 (40,187) 25,469 (10,181) 89,933 67,133 76,448 50,434 64,499 64,499 (40,181) 25,469 (10,181) 89,933 67,134 76,448 50,434 66,499 25,449 (10,181) 10,449 (10,181) 10,449 (10,181) 10,449 (10,181) 10,449 (10,181) 10,449 (10,181) <td></td> <td>105 469</td> | | 105 469 |
| 89 933 66 403 68 8% 58 757 (31,178) 25 469 (12,166) 89 933 66 403 65 09 55 512 (34,421) 25 469 (12,166) 89 933 67 133 74 4% 49 746 (40,187) 25 469 (15,166) 89 933 67 133 74 4% 49 746 (40,187) 25 469 (10,181) 89 933 67 133 74 4% 49 746 (40,187) 25 469 (10,181) 89 933 67 133 78 4% 49 74 (40,187) 25 469 (10,181) 89 933 67 133 78 4% 40,487 25 349 (10,181) 25 469 (10,181) 89 933 67 133 78 4% 40,487 25 349 (10,181) 25 469 (10,181) 89 933 56 470 72 5% 41,581 (10,181) 25 469 (10,181) 89 933 56 470 41,581 41,549 (10,481) 25 469 (10,181) 89 933 56 470 41,548 41, | 72.8% (28.571) | (102,978) |
| 89 93 3 66 403 66 403 68 64 58 64 58 64 68 64 | | |
| 89 933 65,403 65.0% 55.512 (44.47) 25,469 (12.166) 89 933 (42,444) 72.4% 60,729 (120,662) 25,469 (12.166) 89 933 (47,133 74.4% 49,746 (10,187) 25,469 (10,819) 89 933 67,133 74.4% 49,746 (10,187) 25,469 (10,819) 89 933 67,133 78.0% 25,439 (10,819) 25,469 (10,819) 89 933 67,133 78.0% 25,434 (10,819) 25,469 (10,819) 89 933 67,133 78.0% 40,487 (10,819) 25,469 (10,819) 89 933 68,470 56.6% 41,666 (10,819) (10,819) (10,819) 89 933 58,659 69.7% 41,666 (10,819) (12,409) (12,409) 89 933 58,659 60.7% 41,666 (10,219) (12,409) (12,409) 89 933 58,659 64.6% 10,000 (10,819) | 75.7% (9,210) | (34,679 |
| 89 933 65,403 70 BW 60,465 (25,468) 25,469 (12,166) 89 933 67,133 72.4% (37,72) (40,187) 25,469 (10,819) 89 933 67,133 76.4% 49,747 (40,187) 25,469 (10,819) 89 933 67,133 76.4% 55,464 (40,187) 25,469 (10,819) 89 933 67,133 76.4% 52,364 (10,819) 25,469 (10,819) 89 933 67,133 76.4% 25,464 (10,819) 25,469 (10,819) 89 933 56,470 56.5% 39,369 25,469 (10,819) 89 933 58,470 56.5% 41,561 (47,952) 25,469 (17,944) 89 933 58,659 68.7% 41,650 (47,952) 25,469 (17,944) 89 933 58,659 68.7% 41,650 (46,249) (7,944) (7,944) 89 933 58,659 68.7% 41,650 (46,249) (7,944) (7 | 74.2% (9,027) | (34,496) |
| 89 933 (42,44) 72,4% 60,729 (10,62) 25,469 (2,814) 89 933 67,133 74,4% 49,47 (40,187) 22,469 (10,819) 89 933 67,133 74,4% 49,47 (40,47) 22,489 (10,819) 89 933 67,133 78,0% 25,439 (13,980) 25,489 (10,819) 89 933 67,133 78,0% 22,431 (17,569) 25,489 (10,819) 89 933 67,133 78,0% 32,356 (17,562) 25,489 (10,819) 89 933 58,470 12,0% 41,981 (17,562) 25,489 (10,819) 89 933 58,470 12,0% 42,947 42,947 41,981 (17,942) 17,944 17,944 89 933 58,659 67,7% 42,944 42,647 42,447 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 44,164 | 78.6% (9,563) | (35,032) |
| 89 93 | | (27.734 |
| 89 333 67 133 74 4% 49,947 (39,986) 25,469 (10,819) 89 333 67 133 78 4% 49,947 (10,485) 25,469 (10,819) 89 333 67 133 78 4% 52,439 (10,489) 25,469 (10,819) 89 333 67 133 78 4% 52,431 (17,569) 25,469 (10,819) 89 333 58 470 72 0% 34 48 41,981 (47,569) 25,469 (17,904) 89 333 58 470 65 5% 39,356 (47,569) 25,469 (7,904) 89 333 58 470 64 7% 41,646 (47,569) 25,469 (7,904) 89 333 58 470 64 7% 41,646 (48,283) 25,469 (7,904) 89 333 58 659 63 7% 41,646 (42,283) (52,699) (7,904) 89 333 58 659 64 5% 37,884 40,546 (52,099) 25,469 (7,904) 89 333 58 659 64 5% 100.0% </td <td></td> <td>(34 384</td> | | (34 384 |
| 89,933 67,133 78,0% 53,438 (36,495) 25,469 (10,819) 89,933 67,133 78,0% 52,364 (37,569) 25,469 (10,819) 89,933 67,133 78,0% 52,364 (37,569) 25,469 (10,819) 89,933 67,133 78,0% 41,981 (37,569) 25,469 (10,819) 89,933 58,470 56,9% 31,497 (47,569) 25,469 (10,819) 89,933 58,470 72,0% 41,569 (46,283) 25,469 (17,904) 89,933 58,470 72,0% 41,648 (46,283) 25,469 (17,904) 89,933 58,659 69,7% 41,648 (46,283) 25,469 (17,904) 89,933 58,659 69,7% 41,648 (46,283) 25,469 (17,904) 89,933 58,659 69,7% 37,850 (46,283) 25,469 (17,904) 89,933 58,659 69,7% 37,366 (46,283) 25,469 (17,904) 89,933 58,659 66,7% 37,804 (46,283) 25,469 (87,78) 89,933 58,659 66,7% 37,804 (46,283) 25,469 (87,78) 89,933 58,659 66,7% 37,804 (46,283) 25,469 (87,78) 89,933 57,035 66,7% 100,0% 40,549 (17,009) (17,009) 25,469 (17,009) 25,469 (17,009) 89,933 57,035 66,7% 100,0% 40,549 (17,009) (17,009) 25,469 (17,009) 25,469 (17,009) 89,933 57,035 66,4% 100,0% 40,549 (17,009) 25,469 (17,009) 25,469 (17,009) 89,933 57,035 66,4% 100,0% 89,934 (17,009) 25,469 (17,009) 25,469 (17,009) 89,933 58,156 69,7% 100,0% 80,631 (17,009) 25,469 (17,009) 25,469 (17,009) 89,933 58,156 64,0% 100,0% 82,769 (18,009) 25,469 (17,009) 25,469 (17,009) 89,933 58,156 64,0% 100,0% 82,769 (18,009) 25,469 (17,009) 25,469 (17,009) 89,933 58,156 64,0% 100,0% 82,769 (18,009) 25,469 (17,009) 25,469 (17,009) 26,469 (17,009) | | (74 427) |
| 89,933 67,133 78.0% 52,364 (75,69) 25,489 (10,819) 89,933 67,133 78.1% 52,431 (37,502) 25,489 (10,819) 89,933 66,133 78.1% 52,431 (37,502) 25,489 (10,819) 89,933 58,470 71.8% 41,981 (47,922) 25,489 (7,904) 89,933 58,470 72.0% 40,944 (47,922) 25,489 (7,904) 89,933 58,470 64.7% 37,836 (47,923) 25,489 (7,904) 89,933 58,659 69.7% 41,650 (48,289) 25,489 (7,904) 89,933 58,659 69.1% 41,650 (48,289) 25,489 (7,904) 89,933 58,659 66.7% 37,886 66.7% 41,640 (48,289) 25,489 (7,904) 89,933 56,659 66.7% 41,640 41,640 41,640 41,640 41,640 41,640 41,640 41,640 41,640 <td></td> <td>(35,35)</td> | | (35,35) |
| 89,933 | | 100 |
| Big | 30.178 (3,740) | (112,66) |
| 89,933 58,470 73.0% 41.981 (47,932) 25,469 (7,904) 89,933 58,470 72.0% 41.981 (47,932) 25,469 (7,904) 89,933 58,470 72.0% 41.981 (47,932) 25,469 (7,904) 89,933 58,470 72.0% 41.981 (47,832) 25,469 (7,904) 89,933 58,659 83.7% 41.682 (48,283) 25,469 (7,904) 89,933 58,659 64.6% 37,836 (48,283) 25,469 (7,904) 89,933 58,659 64.6% 37,366 (48,283) 25,469 (8,736) 89,933 58,659 64.6% 37,364 (48,289) 25,469 (8,736) 89,933 58,659 64.6% 37,364 (48,289) 25,469 (8,736) 89,933 58,659 64.6% 37,364 (48,289) 25,469 (8,736) 89,933 57,035 66.7% 100.0% 97,924 (92,069) (84,09) 25,469 (8,736) 89,933 57,035 66.3% 100.0% 97,924 (92,069) (84,09) 25,469 (8,736) 89,933 57,035 66.4% 100.0% 97,924 (92,069) (84,09) 25,469 (13,024) 89,933 57,035 66.4% 100.0% 97,924 (92,069) (84,09) 25,469 (13,024) 89,933 57,035 66.4% 100.0% 95,549 (10,269) (84,09) 25,469 (13,024) 89,933 57,035 66.4% 100.0% 95,549 (10,269) (84,09) 25,469 (13,024) 89,933 58,156 62.4% 100.0% 95,549 (10,269) (84,09) 25,469 (13,072) 89,933 58,156 62.4% 100.0% 95,549 (10,269) (84,09) 25,469 (13,072) 89,933 58,156 62.4% 100.0% 92,935 (86,939) (84,09) 25,469 (13,072) 89,933 58,156 62.0% 100.0% 92,935 (86,939) (84,09) 25,469 (13,072) 89,933 58,156 62.0% 100.0% 92,935 (86,939) (84,09) 25,469 (13,072) 89,933 58,156 62.0% 100.0% 92,935 (86,939) (84,09) 25,469 (13,072) 89,933 11,433 65,8% 100.0% 92,936 (86,939) (84,291) 25,469 (13,072) 89,933 11,433 65,8% 100.0% 92,936 (86,939) (84,291) 25,469 (13,072) 89,933 11,433 65,8% 100.0% 92,936 (86,939) (84,291) 25,469 (13,072) 89,933 11,433 65,8% 100.0% 92,936 (86,939) (84,291) 25,469 (13,072) 89,933 11,433 65,8% 100.0% 92,936 (86,939) (84,291) 25,469 (13,072) 89,933 11,433 65,8% 100.0% 92,936 (86,939) (82,939 (82 | | 700 |
| 89,933 | 10,178 | P00,PC) |
| 89,933 58,470 62,05% 42,058 (47,137) 62,469 (7,504) 89,933 58,470 62,7% 41,646 (48,282) 25,469 (7,504) 89,933 58,659 65,7% 41,646 (48,282) 25,469 (7,504) 89,933 58,659 65,7% 41,646 (48,282) 25,469 (7,504) 89,933 58,659 65,7% 37,366 (48,282) 25,469 (8,736) 89,933 58,659 65,7% 39,125 (50,908) 25,469 (8,736) 89,933 57,035 65,7% 100,0% 85,909 (82,098) 25,469 (8,736) 89,933 57,035 65,7% 100,0% 86,93 (82,099) 25,469 (8,736) 89,933 57,035 65,7% 100,0% 86,93 (82,099) 25,469 (8,736) 89,933 57,035 66,7% 100,0% 86,93 (82,099) 25,469 (8,736) 89,933 57,035 66,7% 100,0% 86,93 (82,099) 25,469 (83,099) 25,469 (8,736) 89,933 57,035 66,7% 100,0% 86,93 (83,099) 25,469 (83,099) 25,469 (8,736) 89,933 57,035 66,7% 100,0% 86,93 (83,099) 25,469 (83 | | (10) |
| 89,933 59,470 62,034 41,650 (48,233) 62,469 (1,2942) (1,2944) 89,933 59,470 64,774 41,650 (48,233) 62,469 (1,2972) 89,933 59,659 64,774 41,646 (48,233) 62,469 (1,2972) 89,933 58,659 64,774 41,646 (48,285) 25,469 (1,2972) 89,933 58,659 64,774 100,074 85,800 (42,263) 25,469 (1,2972) 89,933 57,035 66,774 100,074 85,800 (42,049) 25,469 (16,736) 89,933 57,035 66,774 100,074 89,934 (12,049) 25,469 (19,736) 89,933 57,035 66,774 100,074 89,934 (19,209) 25,469 (19,736) 89,933 57,035 66,774 100,074 89,934 (19,209) 25,469 (19,209) 25,469 (19,204) 89,933 57,035 66,774 100,074 89,934 (19,209) 25,469 (19,204) 25,469 (19,044) 89,933 57,035 66,774 100,074 89,934 (19,209) 25,469 (19,204) 25,469 (19,044) 89,933 58,156 64,774 100,074 86,134 (19,204) 25,469 (19,072) 25,469 (19,072) 89,933 58,156 64,774 100,074 86,134 (19,074) 25,469 (19,072) 25,469 (19,0 | | (505,502) |
| 89,933 59,470 64 7% 31,630 (148,285) 25,469 (17,904) 89,933 58,659 69,7% 41,646 (48,285) 25,469 (17,904) 89,933 58,659 69,7% 41,646 (48,285) 25,469 (17,904) 89,933 58,659 64,6% 37,386 (48,289) 25,469 (17,36) 89,933 58,659 66,7% 37,386 (48,289) 25,469 (17,36) 89,933 58,659 66,7% 100,00% 85,809 (182,089) 25,469 (18,736) 89,933 57,035 66,7% 100,00% 85,809 (182,089) 25,469 (18,736) 89,933 57,035 66,7% 100,00% 97,924 (192,089) (192,09) 25,469 (18,736) 89,933 57,035 66,8% 100,00% 97,924 (192,089) (192,09) 25,469 (19,736) 89,933 57,035 66,8% 100,00% 98,937 (192,089) (192,09) 25,469 (19,736) 89,933 57,035 66,8% 100,00% 98,937 (192,089) (192,09) 25,469 (19,736) 89,933 57,035 66,8% 100,00% 98,937 (192,089) (192,09) 25,469 (19,736) 89,933 57,035 66,8% 100,00% 96,937 (192,089) (192,09) 25,469 (19,736) 89,933 57,035 66,8% 100,00% 86,613 (196,93) (192,09) 25,469 (13,072) 89,933 58,156 65,8% 100,00% 86,613 (196,93) (194,107) 25,469 (13,072) 89,933 58,156 65,1% 100,00% 82,789 (186,93) (194,107) 25,469 (13,072) 89,933 58,156 65,1% 100,00% 82,789 (186,93) (14,107) 25,469 (13,072) 89,933 58,156 65,1% 100,00% 82,789 (186,93) (142,107) 25,469 (13,072) 89,933 58,156 65,1% 100,00% 92,926 (196,93) (142,107) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,926 (196,93) (142,107) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,926 (196,93) (122,244) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,926 (196,93) (122,244) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (196,93) (122,244) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (196,93) (122,244) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (196,93) (122,244) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (122,244) (126,929) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (122,244) (126,929) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (122,244) (126,929) 25,469 (15,290) 89,933 11,433 66,58% 100,00% 92,906 (128,00%) 11,433 66,58% 100,00% 92,906 (128,00%) 11,433 66,58% 100,00% 92,906 (128,00%) 11,433 66,58% 100,00% 92,906 (128,00%) 11,433 66,58% 100,00% | | 67 |
| 89,933 58,656 69.7% 41,650 (48,285) 25,469 (17,972) 89,933 58,659 65.7% 40,944 (48,285) 25,469 (17,972) 89,933 58,659 65.7% 37,366 (48,289) 25,469 (17,36) (17,36) 89,933 58,659 65.7% 100,0% 85,809 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 57,035 65.7% 100,0% 87,28 (18,736) 89,933 61,56 62.7% 100,0% 86,613 (18,089) (18,736) 25,469 291 61,369 89,933 57,035 66.4% 100,0% 87,28 (18,089) (18,736) 25,469 291 61,369 89,933 57,035 66.4% 100,0% 87,009 (18,089) (18,089) 25,469 291 61,369 89,933 57,035 66.4% 100,0% 87,009 (18,089) (18,089) 25,469 (19,089) 25,469 (19,089) 89,933 58,156 62.7% 100,0% 86,613 (19,089) (190,284) 25,469 (19,089) 89,933 58,156 62.1% 100,0% 86,613 (19,089) (10,1360) 25,469 (13,072) 89,933 58,156 62.1% 100,0% 82,789 (18,089) (10,1360) 25,469 (13,072) 89,933 58,156 62.1% 100,0% 82,629 (18,083) (14,291) 25,469 (13,072) 89,933 58,156 62.1% 100,0% 82,629 (18,083) (14,291) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,626 (18,083) (14,291) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,626 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,626 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,072) 89,933 11,433 65.8% 100,0% 92,606 (18,083) (12,042) 25,469 (13,022) (12,042) 25,469 (13,022) (12,042) 25,469 (13,022) (12,042) 25,469 (13,022) (12,042) 25,469 (13,022) (12,042) 25,469 (12,020) (12,042) 25,469 (12,000) (12,042) 25,469 (12,000) (12,042) 25,46 | | 026,820 |
| 89,933 \$8,659 | | (31,683) |
| BB 9933 | 68.0% (5,941) | (3) |
| B9,933 \$8,659 63,7% 37,366 (52,567) 25,469 (6,736) | | (31,340) |
| BB 933 SB 559 G4 654 ST 7894 G5 2039 S 5 469 G7 76 G7 | 59.1% (5,163) | (30) |
| BS 933 SB 558 G6.7% BS 9125 G50,808 25,469 G736) BS 933 S6,558 G9.1% G0,533 G49,400 25,469 G736) BS 933 S7,035 G57,5% 100,0% 97,524 (92,069) (94,100 25,469 291 100,10% 100, | 60.9% (5.320) | (30,789) |
| B9.933 59,658 69.1 km 40,533 (49,400) 25,469 (9,736) (9,736) (9,736) (9,736) (9,933 57,035 65.7 km 100.0 km 97,924 (92,069) (19,144) 25,469 291 148,933 57,035 66.4 km 100.0 km 99,594 (12,069) (19,120) 25,469 291 | 63.4% (5.539) | (31,008) |
| BS-933 \$7,035 \$7,536 \$100.0% \$6,500 \$100.0% | | (62016) |
| 1,000 1,00 | 44.063 | |
| PLANTAL EB 933 57,035 ES 77% 100,00% 97,924 (92,069) (84,079) 25,469 291 B9,933 57,035 66.8% 100,00% 90,594 (82,069) (91,209) 25,469 291 B9,933 57,035 66.8% 100,00% 99,594 (82,068) (83,065) 25,469 291 B9,933 63,693 66.8% 100,00% 75,739 (10,089) (10,000) 25,469 291 B9,933 58,156 55.7% 100,00% 75,739 (10,000) 25,469 (10,360) 25,469 291 B9,933 58,156 52.7% 100,00% 75,739 (10,1360) 25,469 (10,204) 25,469 (10,204) B9,933 58,156 57.0% 100,00% 75,739 (86,933) (10,1360) 25,469 (10,072) B9,933 58,156 67.0% 100,00% 92,786 (86,963) (80,030) 25,469 (3,072) 89,933 58,156 < | 100.076 44,032 | [367'01] [19'580] |
| 88,933 57,035 66.7% 100.0% 97,924 (92,089) (14,079) 25,489 291 89,333 57,035 66.4% 100.0% 97,794 (92,089) (91,209) 25,489 291 89,333 57,035 66.4% 100.0% 99,594 (82,083) (83,065) 25,469 291 89,333 65,593 66.4% 100.0% 99,594 (82,083) (82,408) 25,469 291 89,333 68,156 69.7% 100.0% 86,613 (86,963) (80,284) 25,469 (3,072) 89,333 58,156 62.7% 100.0% 86,613 (86,963) (80,284) 25,469 (3,072) 89,933 58,156 62.7% 100.0% 82,789 (86,963) (80,284) 25,469 (3,072) 89,933 58,156 64.12% 100.0% 82,789 (86,963) (84,291) 25,469 (3,072) 89,933 58,156 64.0% 100.0% 92,926 (86,963 | | |
| 89,933 57,035 66,4% 100,0% 90,794 (82,668) (91,209) 25,468 291 89,933 57,035 66,4% 100,0% 99,594 (82,069) (83,065) 25,469 291 89,933 63,593 60,4% 100,0% 75,739 (61,808) (76,002) 25,469 291 89,933 63,166 53,7% 100,0% 75,739 (61,808) (76,002) 25,469 (19,634) 89,933 58,156 52,1% 100,0% 75,556 (86,633) (90,244) 25,469 (3,072) 89,933 58,156 51,7% 100,0% 82,789 (86,633) (84,107) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 82,789 (86,633) (84,107) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 92,606 (86,633) (84,107) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 92,606 (86 | BEL'12 %0.001 | |
| 89,933 57,035 66.8% 100.0% 98,937 (92,069) (83,065) 25,469 291 89,933 67,035 66.8% 100.0% 99,594 (82,069) (82,408) 25,469 291 89,933 63,156 65.3% 100.0% 75,739 (86,963) (90,294) 25,469 (3,072) 89,933 58,156 65.1% 100.0% 75,536 (86,963) (10,360) 25,469 (3,072) 89,933 58,156 65.1% 100.0% 82,789 (86,963) (94,107) 25,469 (3,072) 89,933 58,156 64.0% 100.0% 82,789 (86,963) (94,107) 25,469 (3,072) 88,933 58,156 65.1% 100.0% 92,266 (86,963) (86,391) 25,469 (3,072) 88,933 58,156 65.1% 100.0% 92,666 (86,963) (126,182) 25,469 (13,072) 89,933 11,433 65.8% 100.0% 91,785 (128,034) (126,182) 25,469 (15,290) | 100.0% (4,940) | |
| 89,933 57,035 66,8% 100,0% 99,594 (82,689) (82,408) 25,469 25,469 (201,403) 89,933 63,154 60,4% 100,0% 75,739 (61,808) (76,002) 25,469 (3,072) 89,933 58,156 62,7% 100,0% 75,536 (86,933) (101,360) 25,469 (3,072) 89,933 58,156 61,2% 100,0% 82,789 (86,933) (84,007) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 92,926 (86,933) (84,297) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 92,926 (86,933) (84,297) 25,469 (3,072) 89,933 11,433 58,156 62,8% 100,0% 91,785 (18,297) 25,469 (3,072) 89,933 11,433 56,58% 100,0% 91,785 (18,237) (18,224) (15,290) 89,933 11,433 65,68% 100,0% 91,785 | 66.9% 100.0% 21,520 (3 | (31,880) (35,828) |
| 89,933 63,593 60,4% 100,0% 75,739 (61,808) (76,002) 25,469 (19,634) 89,933 58,156 52,1% 100,0% 76,536 (86,933) (90,284) 25,469 (13,072) 89,933 58,156 61,2% 100,0% 82,788 (86,933) (80,303) 25,469 (3,072) 89,933 58,156 61,2% 100,0% 82,788 (86,933) (84,107) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 82,788 (86,933) (84,107) 25,469 (3,072) 89,933 58,156 64,0% 100,0% 92,666 (86,933) (84,107) 25,469 (3,072) 89,933 11,433 65,8% 100,0% 92,666 (86,933) (84,291) 25,469 (3,072) 89,933 11,433 65,8% 100,0% 91,785 (128,034) 25,469 (15,290) 89,933 11,433 65,8% 100,0% 91,785 (128,034) | Ĭ | (31,880) (35,760) |
| 89,933 58,156 59.7% 100.0% 86,613 (86,963) (90,284) 25,469 (3,072) (3, | 100.0% 25.946 | |
| 89,933 58,156 52,1% 10,00% 89,866 (86,963) (10,520) 25,469 (3,072) 89,933 58,156 61,2% 10,00% 89,866 (86,963) (88,030) 25,469 (3,072) 89,933 58,156 64,0% 10,00% 92,926 (86,963) (84,197) 25,469 (3,072) 89,933 58,156 63,9% 10,00% 92,926 (86,963) (84,291) 25,469 (3,072) 89,933 58,156 63,9% 10,00% 92,926 (86,963) (84,291) 25,469 (3,072) 89,933 11,433 65,8% 10,00% 91,785 (128,034) (122,44) 25,469 (15,290) 89,933 11,433 65,8% 100,0% 91,785 (128,034) (122,244) 25,469 (15,290) 89,933 11,433 65,8% 100,0% 91,785 (128,034) (122,244) 25,469 (15,290) 89,933 11,433 65,8% 100,0% 91,785 (128,034) (122,244) 25,469 (15,290) | 100 0% 10 005 | |
| 89,333 58,156 61,2% 100,0% 82,789 (86,953) (88,030) 25,469 (3,072) 89,333 58,156 61,2% 100,0% 82,789 (86,953) (84,107) 25,469 (3,072) 89,333 58,156 64,0% 100,0% 92,266 (86,953) (84,107) 25,469 (3,072) 89,333 58,156 62,8% 100,0% 92,606 (186,953) (186,291) 25,469 (13,072) 89,933 (11,433 65,8% 100,0% 91,785 (128,034) (122,244) 25,469 (15,290) 89,933 11,433 65,8% 100,0% 91,785 (128,034) (122,244) 25,469 (15,290) 80,933 11,433 65,8% 100,0% 91,785 (128,034) (122,244) 25,469 (15,290) | 400 000 | |
| 89,933 | 20,000 | |
| 89,933 58,156 64.0% 100.0% 22,926 (86,963) (81,97) 25,469 (3,072) 89,933 58,156 63.8% 100.0% 22,026 (86,963) (44,291) 25,469 (3,072) 89,933 11,433 65,8% 100.0% 91,785 (128,034) (122,48) 25,469 (15,290) 89,933 11,433 68,8% 100.0% 91,785 (128,034) (122,48) 25,469 (15,290) 89,933 11,433 68,8% 100.0% 91,785 (128,034) (122,248) 25,469 (15,290) 80,933 11,433 68,8% 100.0% 91,785 (128,034) (122,248) 25,469 (15,290) 80,933 11,433 68,8% 100.0% 91,785 (128,034) (122,248) 25,469 (15,290) | 100.07 | (006'04) (806'00) |
| 89,933 58,156 64,057 32,226 (86,963) (63,97) 25,489 (13,072) 89,933 58,156 63,38% (10,0.0% 92,506 (186,963) (64,291) 25,469 (13,072) 89,933 (11,433 65,8% 100,0.% 91,785 (128,034) (122,244) 25,469 (15,290) 89,933 11,433 66,8% 100,0.% 91,785 (128,034) (122,244) 25,469 (15,290) 80,933 11,433 66,8% 100,0.% 95,723 (128,034) (122,224) 25,469 (15,290) 80,933 11,433 66,8% 100,0.% 95,723 (128,034) (122,224) 25,469 (15,290) | 100.0% 18,544 | |
| 89,933 58,156 63.8% (90.0% 92,606 (86,963) (84,291) 25,469 (3,072) 89,933 11,433 65.8% (10.0% 91,785 (128,034) (122,244 2.55,469 (15,290) 89,933 11,433 68.6% (10.0% 95,723 (128,034) (122,244 2.55,469 (15,290) 80,933 11,433 68.6% (10.0% 95,723 (128,034) (122,244 2.55,469 (15,290) 80,933 11,433 63,433 11,433 11 | 100.0% 20,982 | |
| 89,933 (1,433 65,8% 100,0% 91,785 (128,034) (122,443 25,469 (15,290) 69,933 (1,433 68,8% 100,0% 95,73 (128,034) (122,244) 25,469 (15,290) 60,933 (1,433 68,8% 100,0% 95,73 (128,034) (141,244) 25,469 (15,290) | 100.0% 20,443 | |
| 89933 11433 688, 100,0% 95,73 (12,034) (12,224) 25,469 (15,290) | 100.0% 19,519 | |
| 80 021 11473 77 78 1100 04 1107 8211 1178 1141 115 25 116 250 116 2001 | 100.0% 20,347 | (44,871) (49,993) |
| 1000'01 1000'0 | 22,874 | (44,871) (47,466) |
| 89.933 11,433 65.6% 100.0% 91,424 (128,034) (126,543) 25,469 (15,290) | 100.0% 19.377 | |
| 88,933 11,431 68.1% 100.0% 82,198 (128,034) (125,769) 25,469 (15,466) | 19,383 | Participation of the Participa |
| | | |
| Totals 9,671,756 (1,255,014) 2,976,243 | 1,314,553 | (2,317,624) |
| | | |

(1,277,402)

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

35

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

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

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

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

2,650,167

Non-Qualified Plan costs

Non-Qualified Plan cost Footnotes:

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

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

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

Jan 2018 adjustment:

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

(13,296)

Difference

Expense 12,173 12,173

Actual O&M

| Total OPEB 254TRO 254NTO | | (17,832) | (15,736) | (17,961) | 117,762) | (14,688) | (13,029) | (13,477) | (14,114) | (13,610) | (14,127) | (20,304) | (50,030) | (424.578) | 11,922 | (41,953) | (41,565) | (41,402) | (34,677) | 141 187 | (42.050) | (42,148) | (42,024) | (42,844) | (505,567) | (36,437) | (35,365) | (36,414) | (20,130) | (37,295) | (37,431) | (37,715) | (37,769) | 407 | (44,906) | (75,325) | (44,599) | (64,372) | (51,137) | (53,013) | (49,600) | (49.327) | (49,612) | (61,419) | (60,158) | (58,005) | (62,423) | | (2,679,266) | |
|------------------------------------|---------------|--------------|------------|------------|----------|-----------|-------------|--------------|--------------|---------------|-------------|---|--|--|----------------|------------|----------------|-----------|-----------|----------------|--------------|-------------|---------------|--------------|--|------------|-----------|-----------|-------------|----------------|--------------|---------------|-------------|-----------------------|---------------|------------|------------|-----------|-----------|-------------|----------------|---------------|---------------|--------------|---------------|---------------------|--------------------|---|-------------|--|
| Total Pension 254TRP 7254NTP | | 18,111 | 16,304 | 20,288 | 21,461 | 2.972 | 14,561 | 12,048 | 20,030 | 21,831 | 13,532 | (37,615) | (202,72) | (110,878) | 12 | (36,950) | (40,120) | (41,514) | (126,111) | (45,870) | (42,607) | (43,231) | (43,594) | (64,357) | (58.829) | (54,298) | (58,833) | (55,090) | (024,820) | (59,336) | (58,875) | (57,389) | (56,694) | 120 | (93,476) | (106,472) | (98,386) | (90,664) | (105,370) | (116,527) | (103,228) | (99.987) | (98,339) | (151,208) | (145,527) | (135,373) | 160,624 | | (1,277,402) | |
| T 254TRO Z | 99 | (3,592) | (2,448) | (2,369) | (2,422) | (2.509) | (1,776) | (1,793) | (2,388) | (2,400) | (166,2) | (833) | (10,162) | (4,187) | (2000) | (7,275) | (7,068) | (6,370) | (6,943) | (8,760) | (6.724) | (6,931) | (8,796) | (8,040) | (6,637) | (6.936) | (6,845) | (4,731) | (6,632) | (6,683) | (6,641) | (6,707) | (8,517) | 408 | (8,895) | (13,036) | (8,770) | (8,603) | (8,684) | (8,728) | (8,814) | (8.851) | (8,598) | (10,597) | (10,165) | (10,540) | (11,476) | | (496,233) | |
| Actual Gas 2 | | 282 | 1,739 | 1,818 | 1,765 | 1,678 | 2,411 | 2,394 | 1,799 | 1,787 | 0.00.0 | 143 006 | (088'01) | (18.037) | 10000 | (3,088) | (2,881) | (2,183) | (2,750) | (5,154) | (2.537) | (2,744) | (2.609) | (3,853) | (2,430) | (2,749) | (2,658) | (544) | (2.445) | (2,478) | (2,454) | (2,520) | (2,330) | 408 | (4,508) | (8,849) | (4,583) | (4,416) | (4,497) | (4,541) | (4,027) | (4.664) | (4,411) | (6,410) | (5,978) | (6,333) | (7,289) | | 26,708 | |
| Actual O&M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1000 6777 | 244.979 | (194,034) | (200,236) | (196,249) | (156,600) | (191,296) | (192,577) | (190,993) | (192,150) | (195,566) | (219,925) | (213,275) | (218,025) | (218,025) | | | |
| ctual O&M | | 14,512 | 42,135 | 44,335 | 43,048 | 40,921 | 58,811 | 58,391 | 43,889 | 43,585 | 39,810 | 61,795 | (540,140) | (220.414) | day a constant | (75,305) | (70,271) | (53,254) | (67,218) | (62 744) | (61.888) | (66,935) | (63,635) | (93,978) | (55,544) | (67,056) | (64,835) | (13,265) | (59 62R) | (93,025) | (59.859) | (61,467) | (56,819) | (235,038) | 84,087 | (15,589) | 84,478 | 46,885 | 81,621 | 81,815 | 70,656 | 78.389 | 67,991 | 63,578 | 67,460 | 69,079 | 40,238 | | | |
| OPEB Actual NS A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 400.00% | | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | | | |
| Actual Serv | O&M % | | 64.7% | | | | | | | | ١ | 407.1% | \$1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 69.0% | 2000 | 71,7% | 66.6% | 66.2% | 4. 14. C | 60.1% | 58.58 | 64.4% | 63.2% | 89.8% | 80.00 80 80 80 80 80 80 80 80 80 80 80 80 8 | 66.1% | 64.2% | 64.0% | 68.1% | 68.2% | 67.9% | 69.1% | 67.5% | 1000 | 62.5% | -11.2% | 62.1% | 46.2% | 62.0% | 61,7% | 50.0% | 26.2% | 65.3% | 57.7% | 63.1% | 87.7% | 46,8% | | | |
| Te a | FAS 106 costs | 43,000 | 111,000 | 111,000 | 111,000 | 154,000 | 154,000 | 154,000 | 154,000 | 154,000 | 134,000 | 242,000 | 242,000 | (726.000) | (paping) | (242,000) | (242,000) | (182,000) | (232,000) | (232,000) | (232,000) | (232,000) | (232,000) | (229,000) | (229,000) | (229,000) | (229,000) | (47,000) | (199,000) | (199,000) | (199,000) | (199,000) | (199,000) | (papiner) | (136,000) | (136,000) | (136,000) | (113,000) | (133,000) | (133,000) | (133,000) | (133,000) | (133,000) | (237,000) | (237,000) | (237,000) | (287,816) | | | |
| Cost built into Ac | | 4,187 | 4,187 | 4,187 | 4,187 | 4,167 | 4,187 | 4,187 | 4,187 | 4,187 | 4.107 | 4,18/ | 4,107 | 12.581 | 200 | 4,187 | 4,187 | 4.187 | 4.18/ | 4 187 | 4.167 | 4 187 | 4,187 | 4,187 | 4.187 | 4,187 | 4,187 | 4,187 | 4 187 | 4,187 | 4,187 | 4,187 | 4,187 | 5 | 4,187 | 4,187 | 4,187 | 4,187 | 4,187 | 4,187 | 4,187 | 4.187 | 4,187 | 4,187 | 4,187 | 4,18/ | 191 | | 522,939 | |
| 31 ' | | 8,042 | 7,738 | 6,337 | 5,903 | 994 | 7,264 | 0.0070 | 6,461 | 6,489 | [447] | 5,749) 6,442) | B,4 12) | (19,400) | 1000 | 5.774) | 5,699) | (12,046) | 0,448) | 5 893) | 6,112) | 5,662) | 6,092) | (8,921) | 7 2523 | 6,464) | 8,730) | 5,806) | 8,881) | 5,769) | 5,835) | 5,581) | (7,295) | 120 | 5,398) | 5,263) | (15,321) | (14,662) | (15,087) | (15,167) | (15,198) | (16.017) | (14,048) | (25,026) | (23,283) | (25,017) | (24,855) | | (111,378) | |
| | | 22 8 | 346 | 947 | 513 | 604 | 874 | 089 | 071 | 660 | | | | 27.430 (1 | L | | | 3,564 (1 | | | | | | | | | | | | | | | 9,315 | | | | | | | | | | | | | | (9,245) (2 | | | |
| Actual Gas | Aßoca | 23 | i Si | 21 | 23, | 1,0 | 22, | 22, | 22 | 22, | | no c | ກັດ | 27. | | ch ch | ත [්] | ez é | ġ ţ | 2 0 | ர் ஏர் | on on | 6 | 9 | o a | i oi | æ | æ c | n œ | ຳດີ | 9 | 6 | | | _ | _ | | | _ | _ | | | | _ | | | | 1 | 1,611,067 | |
| Actual O&M | | | | | | | | | | | | | | the state of the s | | | | | | | | | | | | | | | | | | | 74 084 DOG | | | (489,968 | (480,212 | (331,650) | (459,200 | (462,275 | (470,475) | (481 250 | (469,450 | (625,513) | (606,599) | (620, 109 | (820,109) | | | |
| Actual O&M | Serv Exp | 576,874 | 569,470 | 535,282 | 524,699 | 404,966 | 557,908 | 553,179 | 538,320 | 539,002 | 308,029 | 216,119 | 224,330 | 669,035 | Destant | 239,902 | 241,736 | 86,933 | 247,830 | 277,074 | 231.660 | 242,635 | 232,139 | 163,136 | 203,655 | 223,082 | 216,580 | 214 727 | 212 895 | 215,640 | 214,022 | 220,208 | 202,812 | (596 522) | 479,963 | 498,422 | 487,261 | 354,770 | 471,946 | 473,080 | 460,523 | 451.317 | 507,541 | 395,852 | 419,458 | 390,676 | 384,619 | | 48,356,983 | |
| Pensions Actual NS | | | į | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 400.00 | 80.00 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | | | |
| Actual Serv A | | 9.8% | 72.5% | 67.2% | 66.6% | 62.9% | 85.9% | 86.3% | 85.3% | 85.6% | 40.8C | 2000 2000 2000 2000 2000 2000 2000 200 | 81.2% | 80.7% | 2 | 66.2% | 66.4% | 66.0% | 73.0% | 70.6% | 68.1% | 72.6% | 71.7% | 48.7% | 6.1.0 6.1.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7 | 68.7% | 67.0% | 66.7% | 66 1% | 66.2% | 66.0% | 67.3% | 65.5% | 200 | 62.4% | 62.8% | 62.7% | 52.6% | 81.6% | 61,3% | 47.10 | 58.6% | 64.8% | 58.1% | 63.5% | 50.0% Sec. 10.0% | 58.4% | | | |
| UEC A | % | 35 3 | 45.1% | 45.7% | 45.2% | 45.5% | 45.9% | 45.3% | 44.6% | 44.5% | 44.378 | 43.5% | 43.078 | 44.0% | | 43.4% | 43.6% | 44.2% | 45.2% | 45.0% | 45.6% | 44.8% | 43.4% | 45.7% | 44.0% | 44.3% | 44.1% | 44.1% | 44 0% | 44.5% | 44.3% | 44.7% | 42.3% | 7 | 43.8% | 45.2% | 44.3% | 45.0% | 44.8% | 45.1% | 45.8% | 45.0% | 45.8% | 46.3% | 44.9% | 45.9% | 46.9% | | | |
| | 7 costs | 0 | 1,743,000 | 1,743,000 | 743,000 | 1,415,000 | 1,415,000 | 1,415,000 | 1,415,000 | 1,415,000 | 0.415,000 | 835,000 | 935,000 | 2.505.000 | Annionnia | 835,000 | 835,000 | 298,000 | 745,000 | 746,000 | 746,000 | 746,000 | 746,000 | 733,000 | 733,000 | 733,000 | 733,000 | 730,000 | 732,000 | 732,000 | 732,000 | 732,000 | 732,000 | 000 | 671,000 | 671,000 | 671,000 | 756,000 | 000'989 | 686,000 | 000'000 | 686.000 | 686,000 | 121,000 | 121,000 | 121,000 | 120,551 | | | |
| Cost built into Actual | | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 13,010 | 018,61 | 13,010 | 46.830 | 2000 | 15,610 | 15,610 | 15,610 | 019,61 | 15,610 | 15.610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 20,010 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15,610 | 15.610 | 15,610 | 15,610 | 15,610 | 019,61 | 15,610 | | 1,722,445 | |
| | | | n | | | | | 015 | | 15 | | _ = | D | | | | | | | 316 | | 16 | 16 | | | | | | | 117 | | -13 | 17 | (adeust) | 9 | | | | | , | 916 | 19 | 9 | _ | os. | | THE REAL PROPERTY. | | | |
| | | January 2015 | March 2015 | April 2015 | May 2015 | July 2015 | August 2015 | September 20 | October 2015 | November 2015 | December 20 | January 2016 | Many 2016 | 012016 | | April 2016 | May 2016 | June 2016 | July 2016 | Sentember 2016 | October 2016 | November 20 | December 2016 | January 2017 | March 2017 | April 2017 | May 2017 | June 2017 | August 2017 | September 2017 | October 2017 | November 2017 | December 20 | January 2018 (advist) | February 2018 | March 2018 | April 2018 | June 2018 | July 2018 | August 2018 | September 2018 | November 2018 | December 2018 | January 2019 | February 2019 | March 2019 | May 2019 | | LMM-S1 | |

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| | ATEG | 254NTO | | | | | Total OPEB 254TRO | (18,220) | * A P |
|----------------------|--------------------------|--|---|---|---|----------------------|---|--|-------|
| | Total Pension Total OPEB | | | | | | Total Pension Total OPEB 254TRP 254TRO | (112,021) | 4 |
| | | 254TRO 7. | | | | | F 63 | Difference (4,924) (4,516) |) |
| | | | | | | | | Actual Gas Expense Di (737) (329) | 300 |
| | | Actual O&M / NS Exp | | | | | | | |
| | | Actual NS Actual O&M Actual Gas O&M % Serv Exp NS Exp Expense | | | | | | Actual O&M Expense (17,976) (8,035) 9,941 | 2 |
| | OPEB | Actual NS A | | | | | | χω | |
| | | Actual Serv O&M % | | | | | | Actual O&M % | |
| | | Actual FAS 106 costs | | | | | | Actual FAS 106 costs (136,000) (136,000) | |
| VEC | | Cost built into / Rates (D) | 5 for OPEBs). | | | | | Cost built into A Rates (D) F 4,187 | |
| AMS allocated to UEC | | 254TRP Oxference | ons & 926-TR(| Gas Portion 15810 | 4187 | | | (15,827) (15,827) (15,707) | ! |
| ¥ | | Actual Gas Allocation | ls). 26-TRP for pensi | | | | | Actual Gas Allocation (217) (97) | ! |
| | | Actual O&M NS Exp | TRO for OPEE bit expense (9 | | | | | | |
| | | Actual O&M Serv Exp | ensions & 926- | | | | | Actual O&M Expense (5,298) (2,368) 2,930 | 1 |
| | rensions | Actual Serv Actual NS O&M % O&M % | 1926-TRP for p pr 254-TRO for | * | * | | | | |
| | | - 1 | edit axpense for pensions o | 4.10% | Ows: 4.10% | | | Actual O&M % | |
| | | UEC s portion % | (182-) and cr lity (254-TRP | monthly as foll 83 83 83 83 83 83 83 83 83 83 83 83 83 | nonthly as for 17 17 15 15 15 15 15 15 15 15 15 15 15 15 15 | | | S portion % | |
| | | t built into Actual Rales (C) FAS 87 costs | gulatory asset regulatory feabi | is calculated mon is 1,194,583 is 1,194,583 is 44,01% c 72,42% s 380,738 | is calculated mon 320,417 44,01% 72,42% s 102,123 | d to UEC | | 6 Actual FAS 87 costs 671,000 | |
| | | Cost built into Actual Rates (C) FAS 67 | stiton, debit re rosition, credit i | I rate case work papers. It is AMS Clusified Plan costs Non-Clusified Plan cost Teids cost Teids and Labor to UEC in rates. AMS Pension costs at UEC O&M % in rates. | rate case work papers. It is FAS 106, after Part D AMS Labor to UEC In rates AMS OPEB costs at UEC O&M % in rates O&M amount in rates | AMS affocated to UEC | Pensions | Cost built into Actual Rates (C) FAS 81 15,610 (1, 15,6 | |
| | | | Adjustments required If regulatory asset position, debit regulatory asset (182-) and credit expense (926-TRP for pensions & 926-TRO for OPEBs). If regulatory kability position, credit regulatory kability (254-TRP for pensions or 254-TRO for OPEB) and debit expense (926-TRP for pensions & 926-TRO for OPEBs). | (C) From rate case work papers. It is calculated monthly as follows: AMS Qualified Plan costs: 1,194,583 AMS Labor to UEC in rates: AMS Labor to UEC in rates: AMS Pension costs at UEC 2825,736 O&M % in rates: O&M Amount in rates: 380,738 | (D) From rate case work papers. It is calculated monthly as follows: FAS 106, after Part D 320,417 AMS Labor to UEC In rates 44,01% AMS OPER costs at UEC 741,015 O&M & In rates 72,42% O&M & mount in rates 102,123 | | | January 2017 January 2017 (adjust) | |

AMS allocated to UEC

AMEREN MISSOURI ACCUMULATED DEFERRED INCOME TAXES 06/30/2018

| <u></u> | _ | | | | | | | |
|--|----|--------------|----|--------------|------|---------------|----|-----------------------|
| | | | | | ALLO | OWED IN RATES | | |
| | Е | BALANCE AT | | BALANCE AT | | BALANCE AT | Р | RO FORMA |
| | | 06/30/18 | | 06/30/18 | | 31/19 TRUE-UP | | JUSTMENT |
| ACCOUNT 190: | | 30,00,10 | | 333713 | - | | - | JOOTHILITT |
| MINORS 611 & 612 120-INJURIES & DAMAGES RESERVE (1) | S | 757,070 | • | | 5 | | | |
| MINORS 611 & 612 140-UNCOLLECTIBLE ACCOUNTS (1) | Ð | | Ð | | Þ | | | |
| | | 165,374 | | ă | | | | * |
| MINORS 611 & 612 186-CHARITABLE CONTRIBUTION-GAS (1) | | 368,175 | | * | | | | - |
| MINORS 611 & 612 387A-EMPLOYEE BONUS ACCRUAL & PYMT (1) | | 159,838 | | * | | | | +1 |
| 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 | | 700,372 | | 0.0.0.5 | | 00,000 |
| MINORS 611 & 612 643 OVER/UNDER ACCRUAL OF FRANCHISE TAX (1) | | 37 | | 1 | | | | - |
| | 1 | | | | | | | • |
| MINORS 611 & 612 643 OVER/UNDER ACCRUAL OF PROPERTY TAX (1) | | 129,853 | | | | | | 8 |
| 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) | | 2 | | | | 2 |
| MINORS 611 & 612 - TAX REFORM | | 566,780 | | 566,780 | | 614,318 | | 47,538 |
| MINOR 100 FAS 109 (1) | | 86,900 | | 300,700 | | 014,510 | | 47,550 |
| MINOR TOO FACTOS (1) | _ | 00,900 | | | _ | | - | |
| TOTAL ACCOUNT 190 | \$ | 6,678,495 | \$ | 3,825,543 | \$ | 2,360,368 | \$ | (1,465,175) |
| ACCOUNT 282: | | | | | | | | |
| MINOR 111 PROPERTY RELATED - FEDERAL | S | (69,983.121) | S | (69,983,121) | S | (70,844.891) | 9 | (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 | | | | , , , , , , | | | | |
| MINORS 125 & 126 MIXED SERVICE COSTS | | 404,924 | | 404,924 | | 398,921 | | (6,003) |
| | | • | | 2 | | - | | - |
| 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) | | - | | (0, 100) | | (1,000) |
| MINORS 149 & 150 ADIT NON POWERTAX | | 735.730 | | 735,730 | | 379 341 | | |
| MINOR 352 TEMPORARY DIFFERENCES (1) | | | | 735,730 | | 3/9 341 | | (356,389) |
| | | 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 | | w. | | | | * |
| MINOR 753 AFUDC EQUITY CWIP - FEDERAL (1) | | (5,278) | | * | | | | |
| MINOR 754 AFUDC EQUITY CWIP - STATE (1) | | (1,427) | | * | | | | |
| MINOR TXR ADIT CWIP REG ASSET | 0- | (8.521,015) | - | | | | | |
| | | | | | | • | | |
| TOTAL ACCOUNT 282 | 5 | (44,524,812) | \$ | (72,754,728) | \$ | (78,361,170) | \$ | (5,606,442) |
| ACCOUNT 283: | | | | | | | | |
| MINORS 651 & 652 TAX REFORM | \$ | (146,172) | \$ | (146,172) | | (140.081) | | 6,091 |
| MINORS 651 & 652 383-ENERGY EFFICIENCY REG ASSET | | (230,962) | | (230,962) | | (9,137) | | 221,825 |
| MINORS 651 & 652 383-EXCESS TRACKER | | | | ,- 3-/ | | 3 940 | | 3,940 |
| MINORS 651 & 652 590-MANUFACTURED GAS CLEAN-UP (BOOK) (1) | | 422,048 | | | | 3,340 | | 3,540 |
| MINORS 651 & 652 708-PREPAYMENTS - 12 MONTH RULE | | | | (400.404) | | (116 00E) | | |
| MINORS 651 & 652 710-PURCHASED GAS ADJUSTMENT (1) | | (109,421) | | (109,421) | | (116,205) | | (6,784) |
| | | | | | | | | |
| MINOR TXR - ADIT DEF LIAB REG ASSET (1) | - | 195.534 | - | | - | - | _ | • |
| TOTAL ACCOUNT 283 | \$ | 131,027 | \$ | (486.555) | \$ | (261,483) | \$ | 225.072 |
| | | | 7 | | | | | |
| TOTAL ACCUMULATED DEFERRED INCOME TAXES | \$ | (37,715,290) | \$ | (69,415,740) | \$ | (76,262,285) | \$ | (6,846,545) |

⁽¹⁾ Excluded from Rate Base Calculations

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

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

| | | | 2018 Data | ata | | | | | | 2017 Data | m | | |
|-------------|--------|--|-------------|----------|------------------------|------------|---------------------|---------|---|-------------|----------|---------------|------------|
| | | | | | | | CALL THE SHOOT SHOW | 2000 | | | | | |
| Corporation | 全 5 | Corporation Utility Business Division Major-Minor Activity | Major-Minor | Activity | Resource Type Amount | Amount | Comoration | - Thirt | Companion Utitity Business Division Major-Many Resource Type Amount | Mojor-Minor | Activity | Resource Type | Amount |
| | - | | 40000 | - | | 4 4 4 | | 1 | | | | | |
| UEC | rı. | 22 | 931AIC | 2 | NS | 280,084.08 | UEC | 2 | 23 | 931 | RSFT | NS | 299 340 00 |
| | L | | | | | | | | | | | | |
| UEC | P4 | 88 | 931AIC | ACOS | NS | 37,935.76 | UEC | C | 55 | 931 | ACOS | SZ | 46 519 68 |
| 1 | | | - | 1 | | | | 1 | | | | | |
| UEC | 7 | 83 | 931ITC | ACOS | NS | 6,694,80 | Grand Total | | | | | | 345,859,68 |
| Grand Total | _ | | | | | 324.714.64 | | | | | | | |

46,519.68 345,859.68

299,340.00

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

and Amount Type Code is equal to / is in 1

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

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

| Corporation | UEC |
|-------------|-------|
| Utility | 2 |
| Major | (AII) |

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

(Decrease Revenue) Increase Revenue

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

| TOTAL PRO FORMA ANNUALIZED LABOR (e+1) | \$ 472,473 3,665 6,873,560 1,277,016 619,745 64,770 3,892,454 13,208,683 | TOTAL PRO FORMA AMMUALZED LABOR (e+1) | 2.918 4.214.394 663,605 778,002 615,602 615,602 6264.608 | j TOTAL PRO FORMA AWNUALZED LABOR (**) | \$ 472,473 747 2,656,166 623,411 41,743 64,770 3,091,782 |
|---|---|--|--|---|--|
| TOTAL PRO FORMA <u>PACREASE</u> ((+h) | \$ 20,002 93 219,417 42,194 20,740 2,654 144,530 449,630 | j Total Pro Forma NCREASE ((*1) | \$ 71 102 789 15,942 16,976 15,072 150.7785 | 1 TOTAL PRO FORMA WCREASE (1*1) | \$ 20,002 22 116,028 26,252 1,764 2,654 129,513 |
| PRO FORMA WAGE INCR. EFFECTIVE 0702119 (g* h-2 [m/e]) | 40 | PRO FORMA WAGE WCR. OF EFFECTIVE 07/01/19 (g* h-2 [rate]) | | h-2 PRO FORMA WAGE INCR. EFFECTIVE 0701119 (g* h-2 [nio]) | |
| PRO FORMA WAGE INCR. EFFECTIVE 01/21/19 (g* h-1 [rate]) | \$ (1,850 22 77,053 16,275 1,224 1,899 1,899 200,584 | PRO FORMA WAGE INCR. EFFECTIVE 01/01/119 (g' h-1 [mic]) | | h-1 PRO FORMA WAGE INCR. OF 3.02% EFFECTIVE DIVILLIB (gr.h-1 [rate]) | \$ 13,850 22 77,953 18,275 1,224 1,609 |
| ANNUALIZED LABOR (c+f) | \$ 458,623 3,643 8,795,507 1,258,741 818,521 2,071 2,007,133 13,005,119 | AMMUALIZED LABOR (e+f) | 2,918 4,214,394 653,605 778,002 615,687 6,264,608 | G ANNUALIZED LABOR (0+1) | \$ 456,623 725 2,581,213 605,136 40,519 62,871 2,981,429 |
| PRO FORMA WAGE INCR. EFFECTIVE 97751119 | 102,769 102,769 15,942 10,978 15,017 | ANHIALZED LABOR ADJUSTIMENT - CCHTRACT TWELVE MONTHS ENDED JUNE 30, 2018 1-1 1-1 1-2 1-2 1-3 1-3 1-3 1-3 | 2.847 171 111.505 102.789 507,663 15.942 159,026 189,76 111,811 150.7 AMEREN MISSOURI | TWELVE MONTHS ENDED JUINE 30, 2018 1-1 1-1 1-2 PRO FORMA WAGE WCR. OF 2.705 2.705 EFFECTIVE EFFECTIVE M. DATOLIS 1.00118 | |
| PRO FORMA WAGE INCR. EFFECTIVE BINGILIS | \$ 0,152 - 3,017 7,917 540 540 251 99,122 93,271 | AMEREN MISSOURI ZED LADOR ADJUSTILEN ELVE MONTHS ENDED JUN ELVE MONTHS ENDED JUN FRO FORMA PRO F WAGE WCR. WAGES EFFECTIVE EFFECT EFFECTIVE EFFECTIVE EFFE | S S S S S S S S S S S S S S S S S S S | ILVE MONTHS ENI 1-1 FRO FORMA WAGE INCR. OF 2.78% EFFECTIVE INDITIS | \$ 6,152 - 38,675 7,977 540 540 7,55 |
| EXPENSE EXCLUDING INCENTIVE COMPENSATIV (a-b-c) | \$ 452,471 3,572 8,854,143 1,234,822 799,005 02,116 3,552,824 12,759,063 | AWNUAL TWE LABOR LABOR EXPENSE EXCLUBING NUCENTIVE (6+0-c) | \$ 2.847 4,111.605 637.663 759.026 500.679 8,111.811 | o LABOR EXPENSE EXCLUDING INCENTIVE COMPENSATIV | \$ 452,471 1726 2.542,538 597,159 62,116 62,116 |
| LONG TERM MCENTYE COMPENSATN 12mon 06/2011 | \$ 53,647 31,242 16,423 9,350 454,864 565,548 | LONG TERM MCEMTIVE COMPENSATIVE 12mos 06/39/18 | ** | COND TERM NCENTIVE COMPENSATN 12mos 0672018 | \$ 53,047 - 31,242 16,423 9,350 |
| NCENTYE COMPENSATN (DISTRIBUTION 12mos, 6(20/18 | \$ 102,754 51 454,109 99,637 27,447 10,387 699,640 1,394,019 | PICENTIVE COMPENSATIV DISTRIBUTION 12mos 672018 | 24 116.005 20,150 19,540 171,409 | b INCENTIVE COMPENSATN DISTRIBUTION 12mos (139/18 | \$ 102,754 27 338,054 79,481 7,907 10,397 684,000 |
| LABOR EXPENSE 12 MOS. ENDED 06/20/10 | \$ 606,672 3,023 7,139,484 1,350,687 6,35,682 72,503 4,075,448 14,718,618 | LABOR EXPENSE 12 MOS. ENDEO | 2.2.1 660 657.813 778.568 6.283.220 | LABOR EXPENSE 12 MOS. ENDED 0470/18 | \$ 608.872 752 2.911.834 893.063 57.236 72.500 4.091,138 |
| | GAS PRODUCTION THANSAMSSION DISTRIBUTION CUST ACCOUNTS CUST SERV & INFO SALES ADMEN. & GENERAL TOTAL ELECTRIC | | PRODUCTION TRANSMESSON DISTRIBUTION CUST ACCOUNTS CUST SERV & INFO SALES ADMIN & GENERAL TOTAL GAS | | GAS PRODUCTION ITANSMISSION OISTREUTION CUST ACCOUNTS CUST SERV & INFO SALES ADMRN. & GENERAL |

Page 1 of 3

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

| j PRO FORMA AL 12 MOS ENDED SRMA 12 MOS ENDED 555 939/11 LABOR (e+1) | 69 | 20,002 472,473 | 20,002 472,473 | | 93 \$ 3,665 | | 3,665 | , us | 4 4 | • | 93 3.665 |
|--|---|--|-----------------------------|---|-------------|-------------------------------------|-------------------------|---|--|--------------------------|------------------------|
| PRAMA TOTAL INCR. PRO FORMA TOTAL INCR. PRO FORMA INCREASE INCREASE (741) (741) (741) | | | | 2 | | | | | , , | * | , |
| h-1 PRO FORMA WAGE INCR. WAGE INCR. EFFECTIVE 01/03/19 (q. h-1 [rate]) (q. h-2 [rate]) | • | 13,850 | 13,850 | | 22 \$ | ٥. | 22 | • | . , | • | 22 |
| PRO I WAGI WAGI WAGI LABOR 010 (10-1) | | 458,623 | 458,623 | | 3,643 \$ | | 3,643 | , | , , | 4 | 3,643 |
| 1-2 PRO FORMA WAGE INCR. EFFECTIVE ANI | , | | , | | 21.8 | | 71 | , | | • | 7.1 |
| f-1 PRO FORMA PF WAGE INCR. W EFFECTIVE E | u s | 6,152 | 6,152 | | 1 | | | ••• | , , | 1 | , |
| LABOR EXPENSE P EXCLUDING W INCENTIVE E COMPENSATM (a-b-c) | 1 | 452,471 | 452,471 | | 3,572 \$ | | 3,572 | , | y 6 | | 3.572 |
| COMPENSATN COMPENSATN 12mos 06/30/18 | 1 | 53,647 | 53,647 | | , | | • | , | , , | • | , |
| INCENTIVE COMPENSATN DISTRIBUTION C | | 102,754 | 102,754 | | 51 \$ | ě i | 51 | | , , | | 5 |
| LABOR EXPENSE C 12 MOS, ENDED D 06/30/18 | | 608,872 | 608,872 | | 3,623 \$ | ٥, | 3,623 | 1 | | • | 3.623 |
| 12 | GAS PRODUCTION: OPERATIONS ACCOUNTS BO4 -NAT GAS CITY GATE PURCH \$ | 805 - GAS PURCHASED AND ADJ 807 - PURCHASED GAS EXPENSE | TOTAL PRODUCTION OPERATIONS | GAS TRANSMISSION: OPERATIONS ACCOUNTS: | 856 - MAINS | 859 - OTMER EXPENSES 860 - RENTS | TOTAL TRANSMISSION OPER | MAINTENANCE ACCOUNTS; 863 - SUPV & ENG | 864 - MAINT STRUCT 865 - MAINT TRANS PI ANT | TOTAL TRANSMISSION MAINT | TOTAL TRANSMISSION FXP |

Page 2 of 3

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

| AMEREN MISSOURI | ANNUALIZED LABOR ADJUSTMENT - CONTRACT | TAKE OF BOUTUR FUNCTO HINE SO SOLD |
|-----------------|--|------------------------------------|
|-----------------|--|------------------------------------|

| | | | | I WELVE MUN | INSERT MONTHS ENDED JONE 30, 2018 | 30, 2018 | | | | | | |
|--|---------------------------|------------------------------|------------------------------|-------------------------------|-----------------------------------|-------------------------------------|---------------------|--------------------------------|--|-----------------------|-------------------------------|--|
| | a LABOR EXPENSE | b INCENTIVE COMPENSATN | C LONG TERM INCENTIVE | LABOR EXPENSE EXCLUDING | f-1 PRO FORMA WAGE INCR. | FRO FORMA WAGE INCR. OF 2.50% | σ ₃ | h-1 PRD FORMA WAGE INCR. | h-2 PRO FORMA WAGE INCR. OF 0.00% | TOTAL | PRO FORMA | |
| | 12 MOS. ENDED 06/30/18 | | COMPENSATN 12mcs 06/30/18 | OI | EFFECTIVE 01/01/18 | 6FFECTIVE 07/01/18 | ANNUALIZED LABOR | EFFECTIVE 01/01/19 | EFFECTIVE 07/01/19 | PRO FORMA INCREASE | 12 MOS ENDED 9/30/11 LABOR | |
| GAS PRODUCTION: OPERATIONS ACCOUNTS 604 -NAT GAS CITY GATE PURCH | so. | ws 1 | un. | | | 67 | | Total I I I | The state of the s | , ; | • | |
| 805 - GAS PURCHASED AND ADJ 807 - PURCHASED GAS EXPENSE 813 - OTHER GAS SUPPLY EXPENSE | | | | | | | 20700 | | | | . , , | |
| TOTAL PRODUCTION OPERATIONS | | | | | ' | | | | | | 1 | |
| GAS TRANSMISSION: OPERATIONS ACCOUNTS: | | 2 | | | | | | | | | | |
| 850 - OTHER EXPENSES 860 - OTHER EXPENSES | | | | 2,847 | | * | 2,918 | | | | 2,918 | |
| CONTRACT TRANS OPER | 2,871 | 71 24 | | 2,847 | | 71 | 2,918 | E | | 71 | 2,918 | |
| MAINTENANCE ACCOUNTS: 863 - SUPV & ENG | • | | | | | un. | | | | | | |
| 865 - MAINT TRANS PLANT | | | | | | | | | | | | |
| CONTRACT TRANS MAINT | 3 | - 44 | | | | pet . | | | | 4 | э | |
| TRANSMISSION - CONTRACT | 2,871 | 71 24 | | 2,847 | * | 7.1 | 2,918 | 4 | • | 11 | 2,918 | |

Page 3 of 3

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

| | | | | | | : | | | : | • | | |
|---|---------------------------|---------|-------------------------------|------------------------------|------------------------------------|-------------------------------------|-------------------------|------------------------------|--|--|-----------------------|--|
| | a LABOR EXPENSE | , iii | b INCENTIVE COMPENSATN | C LONG TERM INCENTIVE | LABOR EXPENSE EXCLUDING | PRO FORMA WAGE INCR. OF 2.76% | PRO FORMA WAGE INCR. | 6. | PRO FORMA WAGE INCR. OF | n-2 PRO FORMA WAGE INCR. | - TOTAL | j PRO FORMA |
| | 12 MOS. ENDED 06/30/18 | ADED | DISTRIBUTION 12mos 6/36/18 | COMPENSATN 12mos 06/30/18 | INCENTIVE COMPENSATN (a-b-c) | EFFECTIVE 01/01/18 | EFFECTIVE 07/01/18 | ANNUALIZED LABOR (e+f) | EFFECTIVE 01/01/19 (o* h-1 lratel) | EFFECTIVE 07/01/19 (a* h-2 (ratel) | PRO FORMA INCREASE | 12 MOS ENDED 9/30/11 LABOR (A+1) |
| GAS PRODUCTION: OPERATIONS ACCOUNTS | | | | | | | | i. | | | | |
| 804 -NAT GAS CITY GATE PURCH R05 - GAS PURCHASED AND ADJ | •• | • | 1 1 | s i | , , , | 47 | | | · , | • | · · | us. |
| 807 - PURCHASED GAS EXPENSE | 9 | 608,872 | 102,754 | 53,647 | 452,471 | 6,152 | | 458,623 | 13,850 | | 20,002 | 472,473 |
| 813-UTHEN GAS SUPPLITEMENSE TOTAL PRODUCTION OPERATIONS | 133 | 608,872 | 102,754 | 53,647 | 452,471 | 6,152 | i i | 458,623 | 13,850 | , | 20,002 | 472,473 |
| GAS TRANSMISSION: OPERATIONS ACCOUNTS: | | | | | | | | | | | | |
| | | 752 \$ | 27 | • | \$ 725 | • | | \$ 725 | \$ 22 \$ | | \$ 22 | 5 747 |
| 859 - OTHER EXPENSES | | 52 | | | • | • | | | | | | |
| MANAGEMENT TRANS OPER | | 752 | 27 | | 725 | | | 725 | . 22 | | 22 | 747 |
| MAINTENANCE ACCOUNTS: 863 - SUPV & ENG | 10 | | | 107 | | | | | | | , | |
| 864 - MAINT STRUCT | | | | , | | | | • | | | | |
| 865 - MAINT TRANS PLANT | | | | 2 | | 2 | | 3 | - | | 7 | |
| MANAGEMENT TRANS MAINT | | ** | | | * | Ε, | | | | | | r |
| TRANSMISSION - MGMT | | 752 | 27 | | 725 | ٠ | | 725 | 23 | | 22 | 747 |
| | | | | | | | | | | | | |

Source - O&M Labor data query from Milennium GL

Page Ld 1

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

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

Page 2 of 3

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

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

| | | | | | a | Ξ | F2 | | Ŧ | h-2 | | | |
|---|--------------|---------------------------|-------------------------------|---------------------------|---|-------------------------|--------------------------------|-------------------------------------|--|---|---------------------------|--|-------------|
| | - 1 | LABOR | INCENTIVE | LONG TERM | EXPENSE | PRO FORMA WAGE INCR. | PRO FORMA WAGE INCR. OF | 0 | PRO FORMA WAGE INCR. | PRO FORMA WAGE INCR. OF | (| PRO FORMA | AMA |
| | # 2 1 | 12 MOS. ENDED 06/30/18 | DISTRIBUTION 12mos 6/30/18 | COMPENSATA 12mos 06/30/18 | EXCLUDING INCENTIVE COMPENSATN (a-b-c) | EFFECTIVE 01/01/18 | 2.50% EFFECTIVE 07/01/10 | ANNUALIZED <u>LABOR</u> (6+1) | EFFECTIVE 01/01/19 (9* h-1 (rate)) | 0.00% EFFECTIVE 07/01/19 (g* h-2 [rate]) | PRO FORMA (INCREASE (I+h) | 12 MOS ENDED 9/30/11 LABOR (e**) | IDED BOR |
| GAS DISTRIBUTION OPERATIONS ACCOUNTS: | | | | | | | ! | | | | | , | |
| 870 - SUPV & ENG (4) 871 - LOAD DISP (4) | n | 3 | | , , , | 189 | | , I | 40. | | , , , | | | 702 |
| 874 - MAINS & SRVCS (4) | | 1,242,410 | 31,490 | | 1,210,920 | | 30,273 | 1,241,193 | | 1 | 30.273 | | ,241,193 |
| 875 - MEAS ® STA EXP-GEN(4) | | 264.024 | 6,772 | | 257,252 | | 6,431 | 263,683 | | • | 6,431 | | 263,683 |
| 876 - MEAS ® STA EXP-IND(4) | | | | | V | | | F | | | • | | , |
| 877 - MEAS BREG STA EXP-CTYGTE(4) | | | | | - 007 0007 | | 1 600 14 | | | | | | 4 60 |
| 678 - METERS & HOUSE REG (5) | | 604 600 | 18 664 | | 670 303 | | 080.CT | 606 787 | | | 190'51 | | 618,693 |
| 680 - MISC (4) | | 183.623 | 5,271 | | 178,352 | | 4,459 | 182,811 | | eto | 4,459 | | 162,811 |
| 881 - RENTS (4) | | ٠ | | • | • | | • | • | * | * | • | | |
| CONTRACT DIST OPER | | 3,013,414 | 80,218 | | 2,930,196 | | 73.256 | 3,003,451 | | | 73,255 | | 3,003,451 |
| MAINTENANCE ACCOUNTS: | | | | | | | | | | | | | |
| 885 - SUPV & ENG (4) | v | 48.693 | 1,158 | | 47,535 | | \$ 1.188 | \$ 48,723 | | 9 | \$ 1,188 | ** | 48,723 |
| 887 - MAINS (4) | | 800 005 | 13.485 | d p | 496 513 | | 12.413 | 926 805 | | | 12413 | | 50A 926 |
| 889 - MEAS ® STA EXP-GEN(4) | | 44 356 | 1,390 | | 42,966 | | 1,074 | 44,040 | | • | 1.074 | , | 44.040 |
| 890 - MEAS ® STA EXP-IND(4) | | 193.881 | 5,479 | 4 | 188,402 | | 4,710 | 193,112 | | < | 4,710 | • | 193,112 |
| 891 - MEAS ® STA EXP-CTYGTE(4) | | | • | , | ' ! | | | • | | | | | • |
| 892 - SERVICES(4) | | 228.665 | 5.848 | | 222,817 | | 5.570 | 228.387 | | | 5.570 | | 228.387 |
| 894 - METERS & PROUSE REG (4) | | 186,623 | 0,47 | | 183,176 | | 4.079 | OC/ 1/81 | | | R/C | | 06/ /BL |
| 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 | 3 | 102,789 | 4,214,394 | × | • | 102,789 | | 4.214,394 |
| | | | | | | | | | | | | | |
| GA9 (1) | | | | | | | | | | | | | |
| CUSTOMER ACCOUNTS | w | | | | | | | • | | | | ** | i, |
| 902 - METER READING | | | | | 4 | | ٠ | • | | | | | |
| 903 - CUST RECACOLL EXP | | 657,813 | 20,150 | | 637,663 | | 15,942 | 653,605 | | | 15,942 | | 653,605 |
| 905 - MISC CUST ACCT EXP | | - | | | | | • | ٠ | | | | | |
| CONTRACT CUST ACCOUNTS | | 657,813 | 20,150 | 1 | 637,663 | 1 | 15,942 | 653,605 | | | 15,942 | | 653,605 |

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

| PRO FORMA PRO | | | | | | | | | | | | | | | |
|--|---|-------------------------|-------|---------------------------|------------------------------|------------------------------------|-------------------------------------|--------------------------------|----------|-------------|--|--|--------------------------------|-----------------------------------|-------|
| 1,000 0.00 | | IABOR EXPENSE | | b NCENTIVE | d LONG TERM | LABOR EXPENSE FXCLIDING | FRO FORMA WAGE INCR. OF 2 76% | F.2 PRO FORMA WAGE INCR. | | 6 | PRO FORMA WAGE INCR. OF | h-2 PRO FORMA WAGE INCR. | - 61 | PRO FOR | ş |
| 172,204 1,600 1, | | 12 MOS. END 06/30/18 | | STRIBUTION mos 6/30/18 | COMPENSATN 12mos 06/30/18 | INCENTIVE COMPENSATN (a-b-c) | EFFECTIVE 01/01/10 | EFFECTIVE 07/01/18 | ANA JI | JALIZED BOR | EFFECTIVE 01/01/19 (9° h-1 (rate)) | EFFECTIVE 07/01/19 (9* h-2 (rate)) | PRO FORMA INCREASE (f+t) | 12 MOS EN 9/30/11 LA! (e+1) | G 8 |
| 17.527 16.001 1.002 1. | | | | | | | | | | | | | | | |
| 175.297 16.901 1.92.306 1.94.96 1.94 | | | | | 4,731 | 370,763 | 8,510 | | 5 | | 11,454 | | | øs. | 0,727 |
| 15.237 15.030 1 | | • | | * 1 | 1 | | • | | | | • | | | | ٠ |
| 1,000 1,00 | | 175 | 5.297 | 16,901 | | 158,396 | 1,848 | | | 160,244 | 4,839 | | 99'9 | | 5,083 |
| 1,479, 23, 34, 47, 57, 56, 56, 56, 56, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 56, 57, 57, 57, 57, 57, 57, 57, 57, 57, 57 | | 29 | 109 | 3,616 | *** | 25,786 | 373 | | | 26,159 | 790 | | 1,16 | | 6,949 |
| 1,172,233 10,490 16,593 20,912 3,044 21,1216 641 2,245 3,447 2,447 2,445 3,447 2,447 2,445 3,447 2,447 2,445 | | | | | | | • | | | , | | | | | |
| 1,479 | | | | | F | | | | | • | | | | | • |
| 1,12,603 1,7,766 1,602,46 1,602 1,502 1,503 1,50 | | R | 10031 | 10,490 | 1,629 | 20,912 | 304 | | | 21,216 | 641 | | X | | 1,857 |
| 1479.233 1977.79 31,242 1,260,212 20,575 1,280,787 38,680 94,590 1,360 1,3 | | 88 | 5695 | 7,786 | 3 | 606'11 | 1,062 | | | 78,971 | 2,385 | | 3,447 | | 1,356 |
| 1479 233 1877 9 31,242 1,260,212 204,515 1,280,787 346,690 69,255 1,311,515 1,280,787 1,280,787 346,690 69,255 1,311,515 1,312,23 1,500,212 1,425 1,260,212 1,425 1,260,212 1,425 1,260,212 1,425 1,425 1,260,787 1,300,426 39,273 1,311,515 1,312,42 1,282,326 1,44,490 1,300,426 39,273 1,312,42 1,282,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,44,490 1,300,426 39,273 1,312,42 1,422,326 1,4222,326 1 | | 731 | 308 | 086'66 | 24,882 | 606,446 | 8,478 | | | 614,924 | 18,571 | | 27,049 | | 3,495 |
| 1479.233 1877.9 31242 1,260.212 240.55 5 80.882 5 2,443 5 4003 5 1,3 188.492 | | | r | | | 4 | | | | | • | | | | 4 |
| 113.003 12.976 1.00.625 1.660 1.02.091 3.083 1.569 1.00.625 1.466 1.02.091 3.083 1.465 1.00.625 1.466 1.02.091 3.083 3.083 1.482 1.482 1.283 1.2848 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.23.26 18.100 1.070.541 1.23.300 1.116.229 1.22.488 1.22.488 1.22.488 1.22.488 1.22.488 1.22.23.26 18.100 1.300.426 3.92.73 1.22.30 1.116.229 2.591.834 1.300.426 2.591.834 1.300.426 2.591.834 2.591.8 | | 1,479 | .233 | 187,779 | 31,242 | 1,260,212 | 20,575 | , | | 1,280,787 | 38,680 | | | | 9,467 |
| 113.603 12.976 100.625 1466 102.091 3.063 4.549 5.995 3.02 5.995 5.99 | | | | | 74 | | 1,560 | | 109 | 80,882 \$ | 2,443 | | | w | 3,325 |
| 11,269 12,978 100,625 1,466 112,091 3,083 4,549 509 11,269 1,501 1,501 1,502 1,501 1,462 1,462 1,466 1,502 | | | | 4 | , | | • | | | | | | | | ١ |
| 1,1269 1,501 9,768 207 9,995 302 509 509 4,136 1,432 1,135 1,135 1,135 1,432 1,135 1,1 | | 113 | :603 | 12,978 | | 100,625 | 1,466 | | | 102,091 | 3,083 | | 4,54 | | 5,174 |
| 40,678 4,138 - 36,540 377 36,917 1,115 1,482 1,482 1,178,539 1,282,326 1,1482 1,300,426 39,273 1,482 1,185,539 1,242 2,542,538 38,675 2,581,213 77,953 1,16,628 2,19,608 1,300,426 39,273 1,16,628 2,19,608 1,300,426 39,273 1,16,628 2,19,608 1,18,629 2,18,673 1,19,639 1,19,63 | | 11 | ,289 | 1501 | ý | 9,788 | 202 | | | 9,995 | 302 | | 906 | | 0.297 |
| 40,678 4,138 - 36,540 377 36,917 1,115 1,1482 1,000,0541 1,000,0541 1,115 1,1482 1,000,0541 1,000,0541 1,115 1,116,230 1,116,628 1,116,6 | | | , | | 66 | • | | | | * | | | | | 1 |
| 41.78.539 122.488 - 36.540 377 36.917 1,115 1,1482 1,1482 1,178.539 122.488 - 1,066.051 14,480 1,070.541 32.330 46.800 1,178.539 1,22.488 1,22.488 1,262.326 18,100 - 1,300.426 39.273 - 5,7373 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 | | | | | * | | | | | | | | | | ٠ |
| 1,178,539 122,489 1,005,051 14,490 1,070,541 32,330 46,820 1,118,639 1,118,639 1,130,426 39,273 5,1373 1,137 1,432,601 1,502,756 18,100 5 1,300,426 39,273 5,1373 1,137 1,138,430 1,242 2,542,538 38,675 2,561,213 77,953 116,628 2,68 2,68 2,68 2,68 2,68 2,68 2,68 | | 40 | .678 | 4,138 | • | 36,540 | 377 | | | 36,917 | 1,115 | | 1,480 | | 3,032 |
| 1,432.601 150.275 - 1,282,326 18,100 - 1,300,426 39.273 - 57,373 1,33 2,911,834 338,054 31,242 2,542,538 38,675 2,581,213 77,953 - 116,628 2.68 5,131 \$ 8,939 \$ 446,022 \$ 5,986 \$ 451,008 \$ 13,620 \$ 19,606 \$ 46 1,000 \$ 13,620 \$ 19,606 \$ 46 1,000 \$ 10,000 \$ | | 1,178 | 539 | 122,488 | • | 1,056,051 | 14,490 | | | .070,541 | 32,330 | | 46.820 | | 2,871 |
| 2.911,834 338,054 31,242 2.542,538 38,675 2,661,213 77,953 116,628 2,66 \$61,334 \$ 6,986 \$ 451,008 \$ 13,620 \$ 19,606 \$ 19,606 \$ 46 \$62,23 \$ 7,981 7,409 149,639 \$ 1962 \$ 151,601 4,679 \$ 65,41 \$ 1962 \$63,000 \$ 7,981 \$ 7,409 \$ 19,632 \$ 2,627 \$ 76 \$ 10,532 | | 1,432 | 99 | 150,275 | | 1,282,326 | 18,100 | | | 1,300,426 | 39,273 | | | | 669 |
| 185,022 \$ 51,131 \$ 8,939 \$ 446,022 \$ 5,996 \$ 451,008 \$ 13,620 \$ 19,606 \$ 46 185,029 27,981 7,409 149,639 1,962 151,601 4,579 6,541 11 2,942 369 75 2,489 29 2,627 76 105 105 105 105 105 105 105 105 105 105 | | 2,911, | .834 | 338,054 | 31,242 | 2,542,538 | 38,675 | | lý. | 2,581,213 | 77,953 | 5 | 116,628 | | 9,166 |
| 185.072 \$ 51,131 \$ 8,939 \$ 445,022 \$ 5,986 \$ \$ 451,008 \$ 13,620 \$ 19,606 \$ 46 185.029 27,981 7,409 149,639 1,962 151,601 4,579 6,541 14 2,942 369 75 2,489 29 2,527 76 105 6,541 14 | | | | | | | | | | | | | | | |
| 27,961 7,409 148,639 1,962 151,601 4,579 6,541 1 | | | | | | 445,022 \$ | 5,986 | | s | | 13,620 | | | • | 1,628 |
| 27,981 7,409 149,639 1962 151,601 4,519 6,541 14 369 75 2,498 29 2,527 76 105 70.481 16,473 6,0716 7077 | | | ٠ | • | • | • | 6 | | | 5 | -2 | | • | | |
| 369 75 2,430 29 2,627 76 105 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 105 704 704 705 705 705 705 705 705 705 705 705 705 | | 185 | 623 | 27,981 | 7,409 | 149,639 | 1,962 | | | 151,601 | 4,579 | | 6,541 | - | 3,180 |
| 27 COL 01 12C0 201000 | | c | 010 | • 090 | 1 14 | , 007 C | , 6 | | | 1 600 6 | 1 9 | | | | ' 8 |
| /WW/ /WW/ /WW/ /W/ /W/ /W/ /W/ /W/ /W/ | ' | 203 | DE3 | 70 401 | 10,423 | 6,430 | 220 1 | | | 200 303 | 40 735 | | 201 | 12 | 30.7 |

Source - O&M Labor data query from Millenntum GL

878 - METERS & HOUSE REG. Contract Management Other

Allocation of LO:

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

| PRO FORMA FORMA 12 MOS ENDED 9/30/11 LABOR (0+1) | | 18,753 | • | 800,992 | | 64 770 | C | • | 64,770 | | 3,590,036 | | 6,980 | • | 7,260 | 1 | • | • | • | , ,,, | 34,488 | 3,638,765 | 58,689 | 58,689 | 3,697,454 |
|---|------------|---------------------|--------------------------|---------------------|---------------|--------------------------|-------------------|----------------------|-------------|---------------------------------|--------------------|--|-------------------------|----------------------|---------------------|-------------------------|---------------------|--------------------|-----------------------|--------------------------------|-------------|----------------------|---|-----------------|--------------|
| TOTAL PRO FORMA 12 INCREASE 91: (1+h) | | 770 | • | 19.970 | | 2.654 | 5 | • | 2,654 | | 141,295 \$ | | 264 | • | 314 | | • | • | | , , |) () | 142,880 | 1,650 \$ | 1,650 | 144,530 \$ |
| h-2 PRO FORMA WAGE INCR. EFFECTIVE PR 07/01/19 II | | , | • | | | , , | ٠ | .* | * | | 55 | 1 1 | • | • | • | • | • | • | • | • |) | • | 47 | | , |
| PRO FORMA PAGE INCR. VEFECTIVE DIVITION (g* h-1 [rate]) | • | 250 | ' ! | 674 | | 1.899 | | | 1,899 | | 89,287 \$ | . , | 185 | ٠ | 213 | ٠ | ŀ | | • | 9 6 | 210 | 89,963 | 378 \$ | 378 | 90,341 \$ |
| 9 ANNUALIZED LABOR (e+f) | 1 | 18,203 | 1 1 | 800,318 | | 62.871 | | 4 | 62,871 | | 3,500,749 \$ | | 6,795 | 4 | 7,047 | • | • | 4 | • | ****** | 112,86 | 3,548,802 | 58,311 \$ | 58,311 | 3,607,113 \$ |
| 1-2 PRO FORMA WAGE INCR. EFFECTIVE A | | | 1 6 | 18.976 | | | , | | • | | 13,274 \$ | , , | 16 | , | • | | • | • | • | 040 | 910 | 13,900 | 1,117 \$ | 1,117 | 15,017 \$ |
| f-1 WAGE FORMA PF FFECTIVE E 01/01/18 | | 220 | 1 6 | 320 | 3 | 755 | | | 755 | | 38,734 \$ | 1 1 | 63 | • | 101 | | • | • | • | , 6 | | 39,017 | 155 \$ | 155 | 39,172 \$ |
| LABOR EXPENSE PRESCLUDING WINCENTIVE E COMPENSATN (a-b-c) | • | 17,983 | 1 00 | 781,022 | • | 62.116 | | | 62,116 | .51 | 3,448,741 \$ | • • | 6,716 | • | 6,946 | • | • | | • | , 400 | 33,462 | 3,495,885 | 57,039 \$ | 57,039 | 3,552,924 \$ |
| LONG TERM INCENTIVE E COMPENSATN II | \$ | 9,350 | | ** | | • | r | ١, | ٠ | | 452,555 \$ | , , | 44 | , | 1,834 | , | • | • | • | 7 7 | 421 | 454,884 | 47 | • | 454,884 \$ |
| DINCENTIVE LCCOMPENSATN IN DISTRIBUTION COI | 5 | 5,354 | | 22,093 | | 10,387 | | • | 10,387 | | 692,533 \$ | . , | 287 | 1 | 2,089 | 1 | | | • | 107.0 | 7,404 | 697,393 | 2,247 \$ | 2,247 | 699,640 \$ |
| LABOR IN EXPENSE CON 12 MOS. ENDED DIST 06/30/18 12m | \$ | 32,687 | 1 1 | 803,115 | | 72.503 | | • | 72,503 | | 4,593,829 \$ | . , | 7,047 | • | 10,869 | 1 | 4 | | 4 | 26.443 | 20,417 | 4,648,162 | 59,286 \$ | 59,286 | 4,707,448 \$ |
| 12 MC 00 | s, | | | | v | • | | | | | S | | | | | | | | | | | | 45 | | w |
| GAS CUSTOMER SERV & INFO: | 907 - SUPV | 908 - CUST ASST EXP | 909 - INFO & INSTRADVTSG | 910 - MISCELLANECUS | GAS SALES: | 912 - DEMO & SELLING EXP | 913 - ADVERTISING | 916 - MISC SALES EXP | TOTAL SALES | GAS A&G OPERATIONS ACCOUNTS: | 920 - A&G SALARIES | 921 - OFC SUPPLIES & EXP 922 - A&G EXP TRSFD-CR | 923 - OUTSIDE SRV EMPLD | 924 - PROP INSURANCE | 925 - INJ & DAMAGES | 926 - EMPL PENS & BENFT | 927 - FRANCH REOMTS | SZG - REG COMM EAF | 030 1 DOPLIC CHRGS-CK | CONTRACTOR OF THE COLUMN ASSET | 931 - RENTS | TOTAL A&G OPERATIONS | MAINTENANCE ACCOUNTS: 935 - MAINT OF GEN PLT | TOTAL A&G MAINT | TOTAL A&G |

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

| j PRO FORMA FORMA 12 MOS ENDED 9/30/11 LABOR (0+1) | 20 | | ٠ | 778,002 | | | | č | ă | | | | 544,216 | • | • | 674 | ÷ | ř | | • | , | , | , | 25,002 | • | 569,892 | | 45,795 | 45,795 | 615,687 |
|---|-------------------------------------|---------------------|---------------------------|--------------------------|-----|------------|-------------------------|-------------------|----------------------|----------------|---------|----------------------|--------------------|--------------------------|------------------------|-------------------------|----------------------|---------------------|-------------------------|---------------------|--------------------|-----------------------|--------------------------|--------------------------|-------------|-----------------------|-----------------------|------------------------|--------------------|---------------------|
| PR(TOTAL F PRO FORMA 12 M INCREASE 9/30/ | 7 | | 5 | 18,976 | | | | 13 | ÷ | × | | | 13,274 \$ | , | | 16 | , | 4 | • | 1 | • | • | • | 610 | • | 13,900 | | 1,117 \$ | 1,117 | 15,017 \$ |
| | ं | 6300 | * | | | | | F): | ٠, | × | | | 67 | • | | 4 | • [| · | | • | | , | | , | • | • | | | , | . |
| h-2 (R. WAGE INCR. OF 0.00% (F. EFFECTIVE 0.7/01/19 (G' h-2 [rate]) | v | • | | | | • | | | , | | | | s) | | | | | | | | | | | | • | , | | s . | | 6 5 |
| h-1 PRO FORMA WAGE INCR. EFFECTIVE 01/01/19 (g* h-1 [rate]) | , | | | 2 2 | | | i. | | | | | | 10 | į. | | _ | | | | | | | | 81 | | 2 | | \$ 5 | | 5 |
| g ANNUALIZED <u>LABOR</u> (e+f) | • | • | | 778,002 | | | | | 6 | | | | \$ 544,216 | | | 674 | | | | | | | | 25,002 | | 569,892 | | \$ 45,795 | 45,795 | \$ 615,687 |
| F.2 PRO FORMA WAGE INCR. OF 2.50% EFFECTIVE 07/01/18 | | | • | 18,976 | | | | 100 | 3 | 8 | | | 13,274 | • | • | 16 | | • | | • | • | • | ٠ | 610 | B | 13,900 | | 1,117 | 1,117 | 15,017 |
| FIO FORMA WAGE INCR. W EFFECTIVE 01/01/18 | • | • | | | | un | | | i A | X 2 | | | E) | | | | | | | | | | | | ٠ | • | | \$. | • | • |
| LABOR PI EXPENSE W EXCLUDING INCENTIVE E COMPENSATN | , | 1 | | 759,026 | | , | ٠ | | | | | | 530,942 | , | , | 658 | ٠ | • | • | • | • | • | • | 24,392 | • | 555,992 | | 44,678 \$ | 44,678 | \$ 029,009 |
| C LONG TERM INCENTIVE COMPENSATM | • | ë | e | | | 67 }- | 5k) | | | , | | | 67 | • | • | • | • | • | • | • | | • | • | • | • | • | | , | • | • |
| INCENTIVE L COMPENSATN I DISTRIBUTION CC | • | * | • 4 | 19,540 | | 67 | ŧ | | , | • | | | 14,001 \$ | | | 24 | • | | • | , | , | • | ŀ | 671 | 1 | 14,696 | | 944 \$ | 944 | 15,640 \$ |
| a LABOR IN EXPENSE CO 12 MOS. ENDED DIS 06/30/18 121 | • | 1 | , | 778,566 | | | , | ŧ | 1 | • | | | 544 943 \$ | | | 682 | * | | | 1 | | 1 | • | 25,063 | 1 | 570,688 | | 45.622 \$ | 45,622 | 616,310 \$ |
| 1 | v | | | | | v2 | | | | | | | us. | | | | | | | | | | | | | | , | S | | w |
| GAS | CUSTOMER SERV & INFO: 907 - SUPV | 908 - CUST ASST EXP | 909 - INFO & INSTR ADVTSG | CONTRCT CUST SERV & INFO | GAS | 911 - SUPV | 912 - DEMO & SELLNG EXP | 913 - ADVERTISING | 916 - MISC SALES EXP | CONTRACT SALES | GAS A&G | OPERATIONS ACCOUNTS: | 920 - A&G SALARIES | 921 - OFC SUPPLIES & EXP | 922 - A&G EXP TRSFD-CR | 923 - OUTSIDE SRV EMPLD | 924 - PROP INSURANCE | 925 - INJ & DAMAGES | 926 - EMPL PENS & BENFT | 927 - FRANCH REGMTS | 928 - REG COMM EXP | 929 - DUPLIC CHRGS-CR | 930.1 - GENERAL EXP GEN, | 930.2 - GENERAL EXP MISC | 931 - RENTS | CONTRACT A&G OPERATNS | MAINTENANCE ACCOUNTS: | 935 - MAINT OF GEN PLT | CONTRACT A&G MAINT | CONTRACT DIRECT A&G |

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

| | a LABOR EXPENSE 12 MOS. ENDEO | b INCENTIVE COMPENSATN DISTRIBUTION | LONG TERM INCENTIVE COMPENSATN | LABOR EXPENSE EXCLUDING | F-1 PRO FORMA WAGE INCR. OF 2.76% EFFECTIVE | F1 PRO FORMA PRO FORMA WAGE INCR. OF WAGE INCR. OF 2.76% EFFECTIVE EFFECTIVE | 9 ANNUALIZED | h-1 h-2 PRO FORMA PRO FORMA WAGE INCR. OF WAGE INCR. OF 3.02% EFFECTIVE | h-2 PRO FORMA WAGE INCR. OF EFFECTIVE | i TOTAL PRO FORMA | j PRO FORMA FORMA 12 MOS ENDED |
|--|--|--|--------------------------------------|-------------------------------|---|--|-----------------|---|--|-------------------------|---|
| GAS | 06/30/18 | 12mos 6/30/18 | 12mos 06/30/18 | COMPENSATN (a-b-c) | 01/01/18 | 07/01/18 | (e+1) | 01/01/19 (g* h-1 [rate]) | 07/01/19 (g* h-2 [rate]) | INCREASE (f+h) | 9/30/11 LABOR (e+i) |
| CUSTOMER SERV & INFO: 907 - SUPV | | v | s | | · • | • | , V2 | 55 | | 50 | |
| 908 - CUST ASST EXP | 32,687 | 5,354 | 9,350 | 17,983 | 220 | | 18,203 | 920 | | 770 | 18,753 |
| 910 - MISCELLANEOUS | 24.549 | 2,553 | • • | 21.996 | 320 | | 22.316 | 674 | , | - 984 | 22 990 |
| MGMT CUST SERV & INFO | 57,236 | 7,907 | 9,350 | 39,979 | 540 | 7 | 40,519 | 1,224 | 400 | 1,764 | 41,743 |
| GAS | | | | | | | | | | | |
| 911 - SUPV | S | L/s | 52 | ** | 100 | | | 9 | - | | |
| 912 - DEMO & SELLNG EXP | 72,503 | 10,387 | • | 62,116 | 755 | | 62,871 | 1,899 | | 2,654 | 64,770 |
| 913 - ADVERTISING | • | • | 9 | • | • | | 1 | | | 1 | ٠ |
| 916 - MISC SALES EXP | 1 0 | | | 4 | | 4 | | * 4 | * | | |
| MGMT SALES | 72,503 | 10,367 | • | 62,116 | 755 | • | 62,871 | 1,899 | | 2,654 | 64,770 |
| GAS A&G OPERATIONS ACCOUNTS: | | | | | | | | | | | |
| 920 - A&G SALARIES | 5 4,048,886 | \$ 678.532 | \$ 452,555 | \$ 2,917,799 | \$ 38,734 | * | 2,956,533 | 5 89 287 | | \$ 128,021 | \$ 3,045,820 |
| 921 - OFC SUPPLIES & EXP | | • | 1 | • | • | | • | • | | * | • |
| 922 - A&G EXP INSPINCE | 9 60 6 | , 690 | ' 3 | 1 0 | , 69 | | 1 6 | ' 6 | | 4 6 | , 66 |
| 924 - PROP INSURANCE | , , , | | ये • | 000'0 | 50 | | 2 '0 | | | 242 | g05'q |
| 925 - INJ & DAMAGES | 10,869 | 2,089 | 1,834 | 6,946 | 101 | | 7,047 | 213 | | 314 | 7,260 |
| 926 - EMPL PENS & BENFT | | * | * | 1 | • | | 1 | • | | • | • |
| 927 - FRANCH REGMTS | • | • | ٠ | • | 1 | | • | • | | • | • |
| 928 - REG COMM EXP | • | • | • | • | • | | • | • | | • | • |
| 929 - DUPLIC CHRGS-CR | ŀ | | • | 1 | 1 | | • | • | | • | • |
| 930.2 - GENERAL EXP MISC | 11.354 | 1.813 | 451 | 060'6 | 119 | | 9.209 | 278 | | 397 | 9.487 |
| 931 - RENTS | | • | • | • | • | • | , | • | , | • | ' |
| MGMT A&G OPERATIONS | 4,077,474 | 682,697 | 454,884 | 2,939,893 | 39,017 | | 2,978,910 | 69,963 | ٠ | 128,980 | 3,068,873 |
| MAINTENANCE ACCOUNT: 935 - MAINT OF GEN PLT | \$ 13.664 | \$ 1,303 | 47 | \$ 12,361 | \$ 155 | \$. | 12,516 | \$ 378 | \$ | \$ 533 | \$ 12,894 |
| MGMT A&G MAINT | 13,664 | 1,303 | • | 12,361 | 155 | | 12,516 | 378 | • | 533 | 12,894 |
| TOTAL MANAGEMENT A&G | 4,091,138 | \$ 684,000 | \$ 454,884 | 2,952,254 | 39,172 | | 2,991,426 | 90,341 | • | 129,513 | 3,081,767 |
| Source - O&M Labor data query from Millennium GL | Millennium GL | | | Allocation of LO: | | | | | | | |
| | | | | | | 10 : 10 | | | | | |

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

544,943 Total

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

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

Altocation of Other A&G Labor (RT LQ)

Actual

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

| GAS PRODUCTION: | J | GAS ABOR EXP uly 2017 - ne 30 2018 a | | INCENTIVE COMPENSATN July 2017 - June 30 2018 b | ι | GAS ABOR EXP EXCL. INCENT.COMP. July 2017 - June 30 2018 a - b = c | E (Cd | d AGE INCR 2.50% FFECTIVE D7/01/18 ontract Only) c*d (rate) |
|---|------|--|----|---|----|---|----------|---|
| OPERATIONS ACCOUNTS | | | | | | | | |
| 804 -NAT GAS CITY GATE PURCH 805 - GAS PURCHASED AND ADJ | 5 | | 5 | - | \$ | • | \$ | |
| 807 - PURCHASED GAS EXPENSE | | | | | | - 0 | | - 3 |
| 813 - OTHER GAS SUPPLY EXPENSE | | | | | | | | <u> </u> |
| TOTAL PRODUCTION OPERATIONS | \$ | | \$ | ্ৰ- | \$ | | \$ | - |
| GAS TRANSMISSION | | | | | | | | |
| OPERATIONS ACCOUNTS: | | | | | | | | |
| 856 - MAINS | \$ | 2,871 | \$ | 24 | \$ | 2,847 | \$ | 71 |
| 859 - OTHER EXPENSES | | - | | - | | • | | - |
| 860 - RENTS CONTRACT TRANS OPER | - | 0.074 | | 24 | | | | 74 |
| CONTRACT TRANS OFER | | 2,871 | | 24 | | 2,847 | | 71 |
| MAINTENANCE ACCOUNTS: | | | | | | | | |
| 863 - SUPV & ENG | 5 | | \$ | - | \$ | - | \$ | - 3 |
| 864 - MAINT STRUCT | | | | - | | | | |
| 865 - MAINT TRANS PLANT CONTRACT TRANS MAINT | 10.7 | | | - | _ | | | |
| CONTRACT TRAITS MAINT | | - | | | | | | 45 |
| TRANSMISSION - CONTRACT | | 2,871 | | 24 | | 2,847 | | 71 |
| GAS DISTRIBUTION | | | | | | | | |
| 870 - SUPV & ENG (4) | 5 | 704 | \$ | 17 | \$ | 687 | \$ | 17 |
| 871 - LOAD DISP (4) | | 59 | | | | | | |
| 874 - MAINS & SRVCS (4) 875 - MEAS.®.STA.EXP-GEN(4) | | 1,242,410 264.024 | | 31,490 6,772 | | 1,210,920 | | 30,273 |
| 876 - MEAS.®.STA.EXP-IND(4) | | 204,024 | | 0.772 | | 257,252 | | 6,431 |
| 877 - MEAS.®.STA.EXP-CTYGTE(4) | | | | _ | | | | |
| 878 - METERS & HOUSE REG.(5) | | 624,607 | | 21,004 | | 603,603 | | 15,090 |
| 879 - CUST INSTALLS (4) | | 698,046 | | 18,664 | | 679,382 | | 16,985 |
| 880 - MISC (4) | | 183 623 | | 5,271 | | 178,352 | | 4,459 |
| 881 - RENTS (4) CONTRACT DIST OPER | | 3,013,414 | | 83,218 | | 2,930,196 | | 73,255 |
| | | 0,070,777 | | 00,210 | | 2,000,100 | | . 0,200 |
| MAINTENANCE ACCOUNTS: 885 - SUPV & ENG (4) | s | 40 607 | | 1 450 | æ | 47.525 | | 4 400 |
| 886 - STRUCT & IMPRV (4) | 3 | 48,693 | J) | 1,158 | \$ | 47,535 | a | 1,188 |
| 887 - MAINS (4) | | 509,998 | | 13,485 | | 496,513 | | 12,413 |
| 889 - MEAS.®.STA.EXP-GEN(4) | | 44,356 | | 1,390 | | 42,966 | | 1,074 |
| 890 - MEAS.®.STA.EXP-IND(4) | | 193,881 | | 5,479 | | 188,402 | | 4,710 |
| 891 - MEAS.®.STA.EXP-CTYGTE(4) | | | | • | | - | | - |
| 892 - SERVICES(4) | | 228,665 | | 5,848 | | 222,817 | | 5,570 |
| 893 - MÉTERS & HOUSE REG.(4) 894 - MISC (4) | | 188,653 | | 5,477 | | 183,176 | | 4,579 |
| CONTRACT DIST MAINT | | 1,214,246 | | 32,837 | | 1,181,409 | | 29,534 |
| DISTRIBUTION - CONTRACT | | 4,227,660 | | 116,055 | | 4,111,605 | | 102.789 |
| GAS | | | | | | | | |
| CUSTOMER ACCOUNTS: | 5500 | | _ | | | | | |
| 901 - SUPV | \$ | | \$ | 653 | \$ | - | \$ | |
| 902 - METER READING 903 - CUST REC&COLL EXP | | 657 043 | | 20.450 | | 227 222 | | 45.040 |
| 904 - UNCOLLECT ACCTS | | 657,813 | | 20,150 | | 637,663 | | 15,942 |
| 905 - MISC CUST ACCT EXP | | 2 | | 9.5% | | 1 | | |
| CONTRACT CUST ACCOUNTS | | 657,813 | | 20,150 | | 637,663 | | 15,942 |
| | | | | | | | | - |

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

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

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

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

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

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

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

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

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

Total

Non-ALT

ALT

MANAGEMENT SALARIES

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

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

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

| | Regular Employees | | | | |
|---------------------------|-------------------|-----------|---------|--|--|
| | Executive | Contract | Total | | |
| Salary | | | | | |
| Ameren Missouri | | | | | |
| Average Salary | 109,221 | 82,179 | | | |
| Number of Employees | 157 | 96 | | | |
| | 17,147,728 | 7,889,165 | | | |
| O&M Percent | 67.63% | 66.26% | | | |
| Gas Percent | 4.14% | 4.14% | | | |
| | 480,116 | 216,413 | 696,529 | | |
| Ameren Services | | | | | |
| Average Salary | 105,082 | 79,985 | | | |
| Number of Employees | 123 | (10) | | | |
| | 12,925,100 | (799,854) | | | |
| O&M Percent | 61.69% | 57.66% | | | |
| Gas Percent | 4.14% | 4.14% | | | |
| Allocation to UEC | 44.30% | 44.30% | | | |
| | 146,235 | (8,458) | 137,777 | | |
| Total Labor Adjustment | 626,351 | 207,955 | 834,306 | | |
| Daniella. | | | | | |
| Benefits Ameren Missouri | | | | | |
| Average Benefits | 16,106 | 16,106 | | | |
| Number of Employees | 157 | 96 | | | |
| realistic of Employees | 2,528,642 | 1,546,176 | | | |
| O&M Percent | 67.63% | 66,26% | | | |
| Gas Percent | 4.14% | 4.14% | | | |
| | 70,799 | 42,414 | 113,213 | | |
| Ameren Services | | | | | |
| Average Benefits | 15,427 | 15,427 | | | |
| Number of Employees | 123 | (10) | | | |
| Hambor of Employous | 1,897,521 | (154,270) | | | |
| O&M Percent | 61.69% | 57.66% | | | |
| Gas Percent | 4.14% | 4.14% | | | |
| Allocation to UEC | 44.30% | 44.30% | | | |
| | 21,469 | (1,631) | 19,838 | | |
| Total Benefits Adjustment | 92,268 | 40,783 | 133,051 | | |
| • | , | | | | |

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

Note:

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

Ameren Missouri Number of Regular Employees July 2017 Through May 2019

Ameren Missouri

| Month | Executive | Contract | Total |
|--|--|--|--|
| July 2017 | 1,371 | 2,285 | 3,656 |
| August | 1,369 | 2,245 | 3,614 |
| September | 1,366 | 2,226 | 3,592 |
| October | 1,373 | 2,246 | 3,619 |
| November | 1,380 | 2,250 | 3,630 |
| December | 1,381 | 2,251 | 3,632 |
| Jan 2018 | 1,396 | 2,264 | 3,660 |
| Feb | 1,396 | 2,248 | 3,644 |
| Mar | 1,408 | 2,242 | 3,650 |
| Apr | 1,407 | 2,246 | 3,653 |
| May | 1,415 | 2,278 | 3.693 |
| June | 1,424 | 2,292 | 3,716 |
| Average | 1,391 | 2,256 | 3,647 |
| July | 1,431 | 2,305 | 3,736 |
| August | 1,446 | 2,294 | 3,740 |
| September | 1,444 | 2,289 | 3,733 |
| October | 1,449 | 2,321 | 3,770 |
| November | 1,467 | 2,318 | 3,785 |
| December | 1,472 | 2,309 | 3,781 |
| Jan 2019 | 1,478 | 2,335 | 3,813 |
| Feb | 1,493 | 2,329 | 3,822 |
| Mar | 1,524 | 2,319 | 3,843 |
| Apr | 1,534 | 2,332 | 3,866 |
| May | 1,548 | 2,352 | 3,900 |
| May over/(under) Average | 157 | 96 | 253 |
| Pro Forma Adjustment | 157 | 96 | 253 |
| | | | |
| Ameren Services | | | |
| Ameren Services Month | _Executive | Contract | Total |
| | Executive 1,246 | Contract 256 | Total |
| Month | | | |
| Month July 2017 August September | 1,246 1,241 1,246 | 256 | 1,502 |
| Month July 2017 August September October | 1,246 1,241 1,246 1,253 | 256 255 | 1,502 1,496 |
| Month July 2017 August September October November | 1,246 1,241 1,246 1,253 1,258 | 256 255 255 | 1,502 1,496 1,501 |
| Month July 2017 August September October November December | 1,246 1,241 1,246 1,253 1,258 1,264 | 256 255 255 257 258 255 | 1,502 1,496 1,501 1,510 |
| Month July 2017 August September October November December Jan 2018 | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 | 256 255 255 257 258 255 250 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 |
| Month July 2017 August September October November December Jan 2018 Feb | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 | 256 255 255 257 258 258 255 250 249 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 |
| Month July 2017 August September October November December Jan 2018 Feb Mar | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 | 256 255 255 257 258 255 250 249 249 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 | 256 255 255 257 258 255 250 249 249 249 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 | 256 255 255 257 258 255 250 249 249 250 246 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 1,500 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 | 256 255 255 257 258 255 250 249 249 249 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 | 256 255 255 257 258 255 250 249 249 250 246 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 1,500 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 | 256 255 255 257 258 255 250 249 249 250 246 246 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,255 | 256 255 255 257 258 255 250 249 249 250 246 246 246 | 1,502 1,496 1,501 1,510 1,510 1,519 1,511 1,518 1,502 1,500 1,506 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,255 | 256 255 255 257 258 255 250 249 249 250 246 246 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,502 1,500 1,506 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,255 1,271 1,280 1,275 1,281 | 256 255 255 257 258 255 250 249 249 250 246 246 246 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 | 256 255 255 257 258 255 250 249 249 250 246 246 246 242 242 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 | 256 255 255 257 258 255 250 249 249 250 246 246 246 242 245 247 242 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 | 256 255 255 257 258 255 250 249 249 250 246 246 246 242 242 245 247 242 248 247 247 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,507 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb | 1,246 1,241 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 | 256 255 255 257 258 255 250 249 249 250 246 246 246 247 242 245 248 247 247 246 246 | 1,502 1,496 1,501 1,510 1,516 1,511 1,518 1,502 1,500 1,506 1,507 1,508 1,507 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331 | 256 255 255 257 258 255 250 249 249 250 246 246 246 247 247 242 245 248 247 247 246 246 246 | 1,502 1,496 1,501 1,510 1,516 1,511 1,518 1,502 1,500 1,506 1,507 1,518 1,522 1,520 1,520 1,520 1,529 1,534 1,541 1,541 1,578 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar Apr | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331 1,354 | 256 255 255 257 258 255 250 249 249 250 246 246 246 245 247 242 245 248 247 247 246 246 247 246 246 247 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,506 1,507 1,518 1,522 1,520 1,520 1,529 1,534 1,541 1,541 1,578 1,578 1,578 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331 | 256 255 255 257 258 255 250 249 249 250 246 246 246 247 247 242 245 248 247 247 246 246 246 | 1,502 1,496 1,501 1,510 1,516 1,511 1,518 1,502 1,500 1,506 1,507 1,518 1,522 1,520 1,520 1,520 1,529 1,534 1,541 1,541 1,578 |
| Month July 2017 August September October November December Jan 2018 Feb Mar Apr May June Average July August September October November December Jan 2019 Feb Mar Apr | 1,246 1,241 1,246 1,253 1,258 1,264 1,261 1,269 1,253 1,252 1,254 1,260 1,271 1,280 1,275 1,281 1,287 1,294 1,321 1,332 1,331 1,354 | 256 255 255 257 258 255 250 249 249 250 246 246 246 245 247 242 245 248 247 247 246 246 247 246 246 247 | 1,502 1,496 1,501 1,510 1,516 1,519 1,511 1,518 1,502 1,500 1,506 1,506 1,507 1,518 1,522 1,520 1,520 1,529 1,534 1,541 1,541 1,578 1,578 1,578 |

Ameren Missouri Staffing Annualization Average Annual Salaries May 2019

AMS

Ameren Missouri

Contract

\$79,985.38

\$82,178.80

Management

\$105,082.11

\$109,221.20

Note: Average salary data is per HR, Ginger Davis

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

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

No.: HR-1s1

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

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

your response right BELOW Date.)

Prepared By: Ginger Davis

Title: Manager, Ameren Services Center

Date: 6/12/19

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

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

Ameren Missouri Staffing Annualization Average Benefits December 2018

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

| FERC Major | | | | 924 | | | 925 |
|--|---|--|---|--|---|---|---|
| Gas - Pro Forma Adjustments El | | | | \$77.00 | | | \$3,176.95 |
| Annualized Premium - Gas at 05-2019 true-up | - | | | \$974.00 | | | \$36,794.62 |
| TEST YEAR | | \$897.00 | | \$897.00 | \$21,802.67 | \$11,815.00 | 10.710.000 |
| UEC PREMIUM | \$36,497.00 \$8,383.00 | \$44,880.00 \$43,983.00 \$897.00 | \$38,128.00 | \$45,731.00 \$47,757.00 \$974.00 | \$327,040.00 \$294,336.00 \$32,704.00 | \$322,229.00 \$286,784.00 \$35,445.00 | \$334,496.54 \$297,701.92 \$36,794.62 |
| | | 98% | ' | 98% 2% | 90% | 89% 11% | 89% 11% |
| ALLOCATION FACTOR - UEC | 45.38% 53.21% | Electric Gas | 42.16% 52.20% | Electric Gas | 25.00% Electric Gas | 25.00% Electric Gas | 25.00% Electric Gas |
| TOTAL PREMIUM | \$80,425.00 \$15,755.00 | | \$90,425.00 \$20,312.00 | | C MAJ 925) \$1,308,160.00 | \$1,288,915.00 | \$1,337,986.15 |
| TYPE OF COVERAGE & POLICY PERIOD | CRIME (FERC MAJ 924) 6/28/17-18 - AMS Allocation (19.59%) | | 6/28/18-19 - AMS Allocation (22.46%) | | DIRECTORS & OFFICERS (FERC MAJ 925) 3/1/17-18 \$1,30 | 3/1/18-19 | 3/1/19-20 |

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

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

| FERC Major | | 925 | 925 | | | 924 | 924 |
|--|---|---|---------------------------|---|---|---|---|
| Gas Gas - Pro Forma Adjustments FE (For Premiums in effect at 05/19 true-un) | | \$11,253.89 | \$0.00 | | | (\$16,826.87) | \$0.00 |
| Annualized Premium - Gas at 05-2019 true-up | | \$38,131,05 | 100% elec \$0.00 | | | \$96,717.13 | 100% elec 100% elec \$0.00 |
| Ar TEST YEAR 12 mtd 06-2018 | - SI | | | \$30,259.83 | \$83,284.17 | 70.440.70 | \$0.08 \$0.00 |
| UEC PREMIUM | \$626,120.89 \$136,503.00 | \$762,623.89 \$724,492.84 \$38,131.05 | \$3,483.00 | \$9,077,947.59 \$8,896,388.64 \$181,558.95 | \$4,997,091.00 \$4,897,150.00 \$99,941.00 | \$4,835,856.38 \$4,739,139.26 \$96,717.13 | \$12,757.50 \$8,526.54 \$10,679.00 |
| OI | ' | 95% | o lec | 98 2% | 98% 2% | 98% 2% | elec |
| ALLOCATION FACTOR - UEC | 43.99% 51.91% | Electric Gas | 100.00% | 86.71% Efectric Gas | 81.54% Electric Gas | 81.26% Electric Gas | 100.00% 100.00% 100.00% |
| TOTAL PREMIUM | \$1,423,300.00 \$262,960.92 | | \$3,483.00 | <u>{4}</u> \$10,469,320.25 | \$6,128,508.00 | \$5,951,018.70 | \$12,757.50 \$8,526.54 \$10,679.00 |
| TYPE OF COVERAGE & POLICY PERIOD | 9/1/18-19 Everest - AMS Allocation (18.48%) | Allocation based on headcount | 9//18-19 Everest - UEC | EXCESS PROPERTY (FERC MAJ 924) 9/1/16-17 Allocation based on gas/electric sassets | 9/1/17-18 Allocation based on gas/electric assets | 9/1/18-19 Altocation based on gas/electric assets | SOLAR PROPERTY (FERC MAJ 924) 12/1/16-17 12/1/17-18 12/1/18-19 |

925

925

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

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

| - Gas - Pro Forma Adjustments FERC Major For Demines in effect at 05/10 true unit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 90.00 | 30 \$0.00 924 | | | | | 00 80.00 925 | | |
|---|---------------------------------|------------------------|-------------------------|--------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------------------|----------|-------------------------|----------|-------------------------|-------------------------|--------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------------------|----------------|-------------------------|--------|-----------|------------------------|-------------------------|--------------------------|------------------------------------|----------------------------------|----------------------------------|--|-----------------------|-------------------------|---|--|-------------------------------|----|--------------------------------|--------|--|
| ualized Premium - at 05- <u>2</u> 019 true-u <u>p</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90.0¢ | \$0.00 | | | | | \$0.00 | | |
| Annualized Premium - Gas at 05-2019 true-up | | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | | 100% elec | 10004 | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | | 100% elec | | | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% elec | 100% alac | | | | 100% elec | | 100% elec | | |
| Au TEST YEAR | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 20.00 | | \$0.00 | 6 | 90.00 | \$0.00 | \$0.00 | 20.00 | 20.00 | \$0.00 | \$0.00 | 20.00 | \$0.00 | \$0.00 | | | | | | | | | | | | | 00.08 | • | \$0.00 | \$0.00 | |
| UEC PREMIUM | | \$690.080.00 | \$2,041,335.00 | \$688,375.00 | 1,094,333.00 | \$41,550.00 | \$16,285.00 | \$5.043.534.00 | | \$76,658.00 | 00 700 6 | 00.788,1004 | \$1,902,047.00 | 9005,572.00 | (3,844,961.00) | 241,612.00 | \$16,347.00 | \$499,216.00 | (\$38,380.00) | \$77,810.00 | | | \$690,175.00 | \$1,950,153.00 | \$673,024.00 | (2,517,520.00) | \$41,645.00 | \$16,380.00 | \$477,279.00 | 00.08T,T&8,T ¢ | \$82,371.00 | | | \$1,600,190.70 | | \$1,728,908.00 \$576.302.67 | | |
| ALLOCATION FACTOR - UEC | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | | 100.00% | 700 000 | 200.00T | 100.00% | 100.00% | %00.00L | 100.00% | 100.00% | 100.00% | | 100.00% | | | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | %00.00r | 100.00% | | 100.00% | | | 93.70% Annual Premium elec | | 100.00% Annual Premium elec | | 100 CE |
| TOTAL PREMIUM | 924} | \$690,080,00 | \$2,041,335.00 | \$688,375.00 | 1,094,333.00 | \$41,550.00 | \$16,285.00 | \$471,576.00 | | \$76,658.00 | 1004 | 00.788,T00¢ | \$1,902,047.00 | \$665,572.00 | (3,844,961.00) | \$41,612.00 | \$16,347.00 | \$499,216.00 | | \$77,810.00 | | | \$690,175.00 | \$1,950,153.00 | \$673,024.00 | (2,517,520.00) | \$41,645.00 | \$16,380.00 | \$477,279.00 | | \$82,371.00 | • | s (FERC MAJ 925) | \$1,707,780.90 An | | \$1,728,908.00 An | | OC 15 30 VOINTAINS |
| TYPE OF COVERAGE 8. POLICY PERIOD | NUCLEAR PROPERTY (FERC MAJ 924) | Excess Property (NEIL) | Primary Property (NEIL) | Replacement Power (NEIL) | Distribution & Premium Credits (N | Excess Property (NSIC) \$750M La | Excess Property (NSIC) \$50M Lay | Excess Property (EMANI) | 1/1/7-18 | Call Protection (EMANI) | 91-81/14 | Excess Property (NEIL.) | Primary Property (NEIL) | Replacement Power (NEIL) | Distribution & Premium Credits (P | Excess Property (NSIC) \$750M La | Excess Property (NSIC) \$50M Lay | Excess Property (EMANI) | 11118-127-1118 | Call Protection (EMANI) | | 4/1/19-20 | Excess Property (NEIL) | Primary Property (NEIL) | Replacement Power (NEIL) | Distribution & Premium Credits (1) | Excess Property (NSIC) \$750M La | Excess Property (NSIC) \$50M Lay | Excess Property (EMANI) | 11110-12121110 | Call Protection (EMANI) | • | Pollution Legal Liability - Ash Ponds (FERC MAJ 925) | X1214/14-17 | Μ- | 0Z-24142 -5 0 | -67 | ANIA - 010C-15-20 VGAMMILS OF BLIGHT FILES OF STATES |

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

| | FERC Major | (d |
|--------------------------|-----------------------------|---|
| 88 | Gas - Pro Forma Adjustments | or Premiums in effect at 05/19 true-up) |
| Annualized Premium - Gas | at 05-2019 true-up | <u>.</u> |
| Ā | TEST YEAR | 12 mtd 06-2018 |
| | UEC PREMIUM | |
| ALLOCATION | FACTOR - UEC | |
| | TOTAL PREMIUM | |
| TYPE OF COVERAGE & | POLICY PERIOD | |

| <u>Test Year</u> \$843,379.12 | Annualization \$894,999,52 | <u>Adjustments</u> \$51,620.40 | <u>Acct</u> |
|----------------------------------|-------------------------------|-----------------------------------|-------------|
| \$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 | | | |
|--|-------------------------------|----|---------------------------|----|---------------|------------|-----|---------------------------|------|---------------|---------------|------------|-----------------------|
| | ELECTRIC | 12 | 12 MO ENDED 06/30/2018 | S | CONSTRUCTION | NET O & M | 121 | 12 MO ENDED 05/31/2019 | CONS | CONSTRUCTION | NET O & M | <u>.</u> . | PRO FORMA INCREASE |
| 20-926-014-WB-BDVM | DENTAL & OPTICAL - MANAGEMENT | s | 0 | s) | 0 \$ | 0 | 43 | 0 | 49 | \$ 0 | 6 | 8 | 0 |
| 20-926-015-WB-B401 20-926-019-WB-BNOP | GROUP INS RETIRED | | 16,032,702 | | 26/'619'0 | 10,412,910 | | 10,410,538 | | 5,747,954 | 10,662,584 | 4 C | 249,674 |
| 20-926-019-WB-BLIA | GROUP INS RETIRED | | 0 | | | • | | 0 | | ٠ | | . 0 | 0 |
| 20-926-020-WB-BLIA | GROUP INS. PREMIUM | | 929,109 | | 325,672 | 603,437 | | 962,127 | | 336,995 | 625,132 | 2 | 21,695 |
| 20-926-022-WB-BMIC | MAJOR MEDICAL EXP. | | 162,011 | | 56,788 | 105,223 | | 86,704 | | 30,369 | 56,335 | rs. | (48,888) |
| 20-926-023-WB-BLIA | ACC, DEATH & DISMEM. | | 0 | | • | 0 | | 0 | | | | 0 | 0 |
| 20-926-024-WB-BDVC | DENTAL & OPTICAL 1455 | | 836,448 | | 293,192 | 543,256 | | 833,440 | | 291,921 | 541,519 | 6 | (1,737) |
| 20-926-025-WB-BDVC | DENTAL 1439, 649 & 309 | | 0 | | | 0 | | 0 | | • | | 0 | 0 |
| 20-926-026-WB-BMIM | GRP. MAJ. MED MGMT. | | 51,166,625 | | 17,934,955 | 33,231,670 | | 52,088,190 | ** | 18,244,407 | 33,843,783 | 3 | 612,113 |
| 20-926-027-WB-BPAD | GRP, MAJ, MED, ADMN, | | 0 | | • | 0 | | 0 | | s . | | 0 | 0 |
| 20-926-030-(269) | MEDICAL SAL. & EXP. | | 0 | | | 0 | | 0 | | | | 0 | 0 |
| 20-926-062-WB-BDIA | LONG-TERM DISABILITY | ĺ | 2,166,216 | | 759,303 | 1,406,913 | | 2,170,302 | | 760,170 | 1,410,132 | 21 | 3,219 |
| TOTAL ELECTRIC EMPLOYEE BENEFITS | E BENEFITS | es | 71,293,111 | ₩. | 24,989,702 \$ | 46,303,409 | 49 | 72,551,301 | 49 | 25,411,816 \$ | 47,139,485 | 69 | 836,076 |
| TOTAL COMPANY EMPLOYEE BENEFITS | E BENEFITS | ы | 74,240,186 | s | 26.104.704 \$ | 48,135,482 | S | 75.820.795 | S | 26.670.155 \$ | \$ 49,150,640 | S O | 1.015.158 |
| | | | | | | 64.948% | | | | | 64.974% | % | |

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

LMM-S1-69

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

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

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

LMM-S1-70

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

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

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

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

4.69%

95.31%

4.90%

95.10%

% TO CONSTRUCTION (% based on book AMS)

Ameren Missouri Allocation of AMS Employee Benefit Expenses (Actual)

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

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

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

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

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

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

Ameren Missouri Pension and OPEB Rebase Adjustment Test Year Expense

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

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

Authorized GR-2010-0363

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

| Account Description 254-TRP/NTP Pension Current Balance 254-TRO/NTO OPEB Current Balance | E G | Balance at 06/30/2018 90,207 (1) (2,071,332) (1) | Activity thru 05/31/2019 (1,367,609) (607,934) | Balance at 05/31/2019 (1,277,402) (2) (2,679,266) (2) | Total Amortization Life 5 years 5 years | Pro Forma Amortization Annualized (255,480) (535,853) | Test Year July 2017 - June 2018 Amortization Actual | Pro Forma Amortization Adjustment (255,480) (535,853) |
|--|-------|--|--|---|---|---|---|---|
| | P. C. | (1,301,123) | (242)242) | (000'006'6) | | (#CC,187) | | Decrease to O&M |

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

Ameren Missouri Nonqualified Pension Adjustment Based Upon 2019 Towers Watson Expense

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

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

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

0&M % Sources:

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

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

From: Rate Base_Pension and OPEB Reg Liability

From: Rate Base_Pension and OPEB Reg Liability

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

UEC%

LMM-S1-80

Ameren Corporation

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

Revised as of January 25, 2019

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

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

| Voucher Number As | | Danaistica | Year- | Estimated | Actual |
|-------------------------------|---------|--------------------------------|--------|------------------|-----------|
| Number A | cct | Description | Month | Cost | Cost |
| Ou | tside L | .egal | | | |
| Brydon, Swearengen & Engla | and P. | C. (Dean Cooper & Russ Mitten) | | \$ 500,000 | |
| 003491766 | 928 | , | 201810 | V 000,000 | \$ 968 |
| 003522873 | 928 | | 201811 | | 2,236 |
| 003546174 | 928 | | 201812 | | 14,405 |
| 003580543 | 928 | | 201901 | | 18,770 |
| 003617812 | 928 | | 201903 | | 22,489 |
| 003622707 | 928 | | 201903 | | 13,008 |
| 003658811 | 928 | | 201904 | | 16,598 |
| 00'3687765 | 928 | | 201905 | | 10,385 |
| Total Outside Leg | al | | | 500,000 | 98,857 |
| Other C | Outside | e Experts | | | |
| | | | | 455 | |
| ROE Expert (Robert Hevert, | | ladden Inc.) | | 100,000 | |
| 003546175 | 928 | | 201812 | | 17,589 |
| 003622706 | 928 | 14 | 201903 | | 15,800 |
| Depreciation Study (John We | | er - Gannett Flemming) | | 48,000 | |
| 003591701 | 928 | | 201902 | | 3,740 |
| 003634924 | 928 | | 201903 | | 795 |
| 003672507 | 928 | | 201904 | | 1,543 |
| Rebuttal Witnesses | | | | 200,000 | |
| Total Other Outsid | de Exp | perts | | 348,000 | 39,466 |
| E | xpens | es | | | |
| Outside Clerical Support (e.g | . binde | ers, copies, deliveries, etc.) | | 50,000 | |
| Other Outside Support | | | | | |
| Concentric | | | | - | |
| 003582734 | | | 201901 | | 3,950 |
| PriceWaterhouseCoopers | | | | | -, |
| 003651600 | 928 | | 201904 | | 40,000 |
| Travel Expenses | | | | 50,000 | |
| Tom Byrne | | | | 55,555 | |
| 003543537 | 928 | | 201812 | | 8 |
| Jermaine Grubbs | 520 | | 201012 | | 0 |
| 003593657 | 928 | | 201902 | | 33 |
| 003593037 | 928 | | | | |
| Laura Moore | 320 | | 201904 | | 55 |
| 003557134 | 928 | | 204040 | | 60 |
| | | | 201812 | | 60 |
| 003645532 | 928 | | 201904 | | 107 |
| Panera Bread | 000 | | 004040 | | |
| 003505937 | 928 | | 201810 | 400 000 | 211 |
| Total Expenses | | | | 100,000 | 44,423 |
| Total Rate Case Expenses | | | | \$ 948,000 | \$182,746 |

07/09/2019

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

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

| Pico Date | Bin Data: 6117/40 1-11 DM | | | | | | | | | | | | | | |
|-------------------------|-------------------------------------|---------|--------------|-------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| File Name: | | | | | | | | | | | | | | | |
| Corp | UEC | | | | | | | | | | | | | | |
| Product | MOG | | : | | | | | | | | | | | | |
| Category | [(All) | | | "urront V. | Current Vear Expense De | co Dotaile | | | | | | | | | • |
| Function | (Al) | | _ | onielli i | פמו באאפוו | se Details | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Tax Type | Description | Vintage | June | July | August | September | October | November | December | Sanuary | February | March | April | May | Year To Date |
| FICA | Soc Sec & Med (#408-010) | 2019 | 00:00 | 00:0 | 0.00 | 00.0 | 00:0 | 0.00 | 0.00 | 136,574.36 | 136,443.99 | 154,389.28 | 110,267.17 | 127,012.53 | 664,687.33 |
| | | 2018 | 110,393.67 | 109,348.89 | 124,279.91 | 144,147.21 | 117,286.87 | 142,991.06 | 137,979.84 | 00:00 | 00:0 | 00:0 | 0.00 | 00:0 | 886,427.45 |
| | | 2019 | 00:0 | 00:0 | 000 | 0.00 | 0.00 | 00:0 | 00:0 | (48,478.00) | (39,539.46) | (28.842.00) | (44.679.02) | (43.970.11) | (205,508,59) |
| | Soc Sec & Med Capitalized (#408-010 | 2018 | (37,119.00) | (46,522.00) | (55,434,00) | (44,800.15) | (45,688.00) | (38,274.00) | (39,846,00) | 00:00 | 00:0 | 00:00 | 00:0 | 00:0 | (307,583.15) |
| FICA Total | | | 73,274.67 | 62,826.89 | 68,845.91 | 99,347.06 | 71,598.87 | 104,717.06 | 98,133.84 | 98,096.36 | 96,904.53 | 125,547.28 | 65,588.15 | 83,042.42 | 1,037,923.04 |
| FUTA | Federal Unemp (#408-010) | 2019 | 00:0 | 00:0 | 0.00 | 00:0 | 00:0 | 00:00 | 00:00 | 6,604.14 | 522.57 | 232.86 | 96.26 | 70.93 | 7,526.76 |
| | | 2018 | 144.83 | 108:00 | 80.51 | 54.79 | 41.67 | 95.50 | 59.21 | 00:00 | 00'0 | 00:00 | 00:00 | 00:00 | 18993 |
| FUTA Total | | | 144.83 | 108.00 | 80.51 | 54.79 | 41.67 | 95'26 | 59.21 | 6,604.14 | 257.57 | 232.86 | 96.26 | 70.93 | 8,113.67 |
| Gross Rec | Unbilled Variation (#408-012) | 2019 | 00:0 | 00:00 | 0.00 | 00'0 | 0.00 | 00:00 | 0.00 | 222,687.00 | (85,302.00) | (212,900.00) | (331,480.00) | (49,828.00) | (456.823.00) |
| | | 2018 | (22,542.00) | (21.948.00) | (30,669 00) | (17,559.00) | 121,251,00 | 451,959.00 | 25,804.00 | 00:00 | 00:0 | 00:00 | 0.00 | 0.00 | 506,296.00 |
| Gross Rec Total | 7 | | (22,542.00) | (21,948.06) | (30,659,00) | (17,559.00) | 121,251.00 | 451,959.00 | 25,804.00 | 222,687.00 | (85,302.00) | (212,900.00) | (331,480.00) | (49,828.00) | 49,473.00 |
| MUNI-MO | Muni-Mo Gas (#408-012) | 2019 | 00:0 | 00:00 | 00:0 | 00:00 | 0.00 | 00'0 | 0.00 | 974,449.55 | 1,095,942.56 | 995,441.37 | 595,570.86 | 359,652.86 | 4,021,057.20 |
| | | 2018 | 266,219.37 | 244,286.89 | 241,294.00 | 244,731,10 | 268,834.55 | 508,871,16 | 884,332.13 | 00.0 | (1,055,78) | 00.0 | 0.00 | 00:0 | 2,657,513.42 |
| | | 2017 | 00:00 | [687.93] | 000 | 00:00 | 0.00 | 0.00 | 00:00 | 00:0 | 00'0 | 00'0 | 00:0 | 00'0 | (687.93) |
| MUNI-MO Total | | | 266,219.37 | 243,598.96 | 241,294.00 | 244,731.10 | 268,834.55 | 508,871.16 | 884,332.13 | 974,449.55 | 1,094,886.78 | 995,441.37 | 595,570.86 | 359,652.86 | 6.677,882.69 |
| Pprop-KS | KS PP-Stored Gas (#408-011) | 2019 | 0.00 | 00:00 | 00:0 | 0.00 | 0.00 | 00:00 | 00:00 | 24,583.00 | 24,583.00 | 24,583.00 | 24,583.00 | 24,583.00 | 122,915.00 |
| | | 2018 | 18,667.00 | 18,667.00 | 18,667.00 | 18,666.00 | 18,666.00 | 18,666.00 | 34,285.56 | 00:0 | 00:00 | 00:00 | 00:00 | 00:00 | 146,284.56 |
| Pprop-KS Total | | | 18,667.00 | 18,667.00 | 18,667.00 | 18,666.00 | 18,656.00 | 18,666.00 | 34,285.56 | 24,583.00 | 24,583.00 | 24,583.00 | 24,583.00 | 24,583.00 | 269,199.56 |
| PProp-OK | OK PP-Stored Gas (#408-011) | 2019 | 0.00 | 00'0 | 0.00 | 00:0 | 00:0 | 00:00 | 00:00 | 833.00 | 833.00 | 833.00 | 833.00 | 833.00 | 4,165.00 |
| | | 2018 | 1,750.00 | 1,750.00 | 1,750.00 | 1,750.00 | 1,750.00 | (12,426.00) | 0.00 | 00.0 | 00:00 | 00:00 | 00:00 | 0.00 | (3.676.00) |
| PProp-OK Total | | | 1,750.00 | 1,750.00 | 1,750.00 | 1,750.00 | 1,750.00 | (12,426.00) | 00:00 | 833.00 | 833.00 | 833.00 | 833.00 | 833.00 | 489.00 |
| Pprop-WV | WV PP-Stored Gas (#408-011) | 2018 | 00:0 | 00'0 | 0.00 | 00:00 | 00.0 | 00:00 | 0.00 | 00:00 | 00'0 | 00.00 | 0.00 | 0.00 | 0.00 |
| | | 2017 | 00.00 | 11.107.11 | 0.00 | 00:00 | 00'0 | 00:00 | 00:00 | 00:0 | 00:0 | 00:00 | 0.00 | 0.00 | 1,107,11 |
| Pprop-WV Total | | | 00:0 | 1,107.11 | 00:0 | 00:0 | 00:0 | 00'0 | 0.00 | 0.00 | 00'0 | 00.00 | 0.00 | 000 | 1,107,11 |
| Rprop-MO | MO RE & PP Allocated (#408-011) | 2018 | 00:00 | 00:00 | 0:00 | 00:00 | 00:0 | 0.00 | 122,660.00 | 00:00 | 00'0 | 0.00 | 0.00 | 0.00 | 122,660.00 |
| | MO RE (#408-011) | 2019 | 00:00 | 00:00 | 00:0 | 00:00 | 00:0 | 0.00 | 0.00 | 690,833.00 | 690,833.00 | 690,833.00 | 690,833.00 | 690,833.00 | 3,454,165.00 |
| | | 2018 | 675,000.00 | 675,000.00 | 675,000.00 | 675,000.00 | 675,000.00 | 675,000.00 | 896,802.85 | 00:00 | (149,193.58) | 00:0 | 00:00 | (309,781,23) | 4,487,828.04 |
| | | 2017 | 00:00 | 00:00 | 00:0 | (193,208.67) | 0.00 | 0.00 | 00:00 | 0.00 | 00'0 | 00:0 | 00:00 | 00:0 | (193,208.67) |
| Rprop-MO Total | | | 675,000.00 | 675,000.00 | 675,000.00 | 481,791.33 | 675,000.00 | 675,000.00 | 1,019,462.85 | 690,833.00 | 541,639.42 | 690,833.00 | 690,833.00 | 381,051.77 | 7,871,444.37 |
| SCF-MO | MO Corp Fran (#408-013) | 2019 | 00:00 | 00:0 | 0.00 | 0.00 | 0.00 | 00:00 | 00:00 | 2,605.00 | 2,605.00 | 2,605.00 | 2,605.00 | 2,605.00 | 13,025.00 |
| | | 2018 | 00'0 | 00:00 | 0.00 | 0.00 | 0.00 | 00:00 | 00:00 | 00:0 | 00:00 | (2,819.00) | 00.00 | 00.0 | (2,819.00) |
| MO Corp Franchise Total | hise Total | | 00.00 | 00:00 | 00:0 | 00:0 | 00:0 | 00:00 | 0.00 | 2,605.00 | 2,605.00 | (214.00) | 2,605.00 | 2,605.00 | 10,206.00 |
| Grand Total | | | 1,012,513.87 | 981,109.96 | 974,968.42 | 828,781.28 | 1,157,142.09 | 1,746,885.12 | 2,062,077.59 | 2,010,691.05 | 1,676,672.30 | 1,624,356.51 | 1,048,629.27 | 802,010.98 | 15,925,838.44 |
| | | | | | | | | | | | | | | | |