

**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 ) File No. ER-2022-0337  
for Electric Service. )

**STIPULATION AND AGREEMENT**

COME NOW Union Electric Company d/b/a Ameren Missouri (“Ameren Missouri” or “the Company”), the Staff of the Missouri Public Service Commission (“Staff”), the Office of the Public Counsel (“OPC”), Missouri Industrial Energy Consumers (“MIEC”), Midwest Energy Consumers Group (“MECG”), and Consumers Council of Missouri (“CCM”) (collectively “Signatories”),<sup>1</sup> who present to the Missouri Public Service Commission (“Commission”) for approval this Stipulation and Agreement (“*Stipulation*”) commemorating an agreement between the Signatories resolving the issues in this case related to Ameren Missouri's revenue requirement and certain other issues enumerated herein. In support of this *Stipulation*, the Signatories respectfully state as follows:

**BACKGROUND**

1. On August 1, 2022, Ameren Missouri filed tariff sheets designed to implement a general rate increase for its electric service territory, together with supporting testimony. The Commission issued a procedural schedule in its September 28, 2022, *Order Setting Procedural Schedule and Adopting Test Year*. This procedural schedule ordered an evidentiary hearing to begin April 3, 2023, and to continue through April 14, 2023. It also scheduled a settlement conference to commence on March 6, 2023.

2. The Signatories began negotiations on the first day of the settlement conference and have

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<sup>1</sup> Counsel for the remaining parties, Sierra Club, Missouri NAACP, Metropolitan Congregations United, and Renew Missouri have authorized the Signatories to state that they do not oppose the Stipulation.

continued to work to determine whether a resolution of issues could be mutually reached in advance of the evidentiary hearings. As a result of these discussions, the Signatories have agreed to a series of compromises to determine mutually acceptable resolutions to all issues relating to the revenue requirement and certain other issues as set forth in more detail below.<sup>2</sup> The Signatories agree that resolution of these issues will shorten the forthcoming hearing, and only certain issues (i.e., Issue 4 (and all subparts), 24.B, and 30) will require a hearing. The Signatories agreed to the settled “black box” revenue requirement increase amount using their own assumptions. The Signatories authorized the Company to file a Motion to Modify Procedural Schedule and Motion for Expedited Treatment asking the Commission to modify the procedural schedule to adjust the evidentiary hearing dates and to set the issues remaining for hearing on those adjusted dates, which Motion was granted on March 30, 2023.

### **SPECIFIC TERMS AND CONDITIONS**

#### **A. Revenue Requirement, W.A.C.C., Billing Determinants, and Net Base Energy Costs**

3. Revenue Requirement Increase. The Signatories agree that Ameren Missouri should be authorized to file tariffs designed to increase the Company's annual revenues by \$140 million, exclusive of any applicable license, occupation, franchise, gross receipts taxes, or similar fees or taxes, to become effective July 1, 2023.<sup>3</sup> If a customer's billing cycle covers days both before and after the effective date of the new rates, the new and old rates will be pro-rated on the customer's bill.

4. W.A.C.C. For purposes of calculating Plant-in-Service Accounting (“PISA”) deferrals, the Renewable Energy Standard Rate Adjustment Mechanism (“RESRAM”) rates, and

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<sup>2</sup> Referencing the Issues List filed by the Staff on behalf of the parties on March 22, 2023, this Stipulation resolves Issues 1 – 3, 5 – 24.A, 25 – 29, and 31-32.

<sup>3</sup> The Signatories support an effective date of July 1, 2023, but agree (without addressing the propriety of any such delay) that if the effective date were delayed beyond July 1, 2023, this *Stipulation* would remain effective.

the Allowance for Funds Used During Construction (“AFUDC”), the Signatories agree to a post-tax Weighted Average Cost of Capital (“W.A.C.C.”) of 6.82%. The Signatories also agree that AFUDC shall be calculated in accordance with the Federal Energy Regulatory Commission’s (“FERC”) Uniform System of Accounts for Electric Utilities formula (short-term debt receives 100% weighting until Construction Work in Progress Balances exceed short-term debt balances).

5. Billing Determinants.

a. The Signatories agree that the billing determinants set forth in Exhibit A, which is incorporated herein by reference, shall be used to set the rates implemented from this case.

b. The Signatories agree that the level of cumulative kilowatt-hours (“kWh”) to be rebased in the Missouri Energy Efficiency Investment Act (“MEEIA”) Cycle 2 and MEEIA Cycle 3 Throughput Disincentive mechanisms to be used in Rider EEIC are set forth in Exhibit B, attached hereto and incorporated herein.

6. FAC Base Factors. The Signatories agree that for Ameren Missouri’s fuel adjustment clause (“FAC”) the summer base factor ( $BF_{\text{SUMMER}}$ ) is \$0.01439 per kWh and the winter base factor ( $BF_{\text{WINTER}}$ ) is \$0.01328 per kWh.

**B. Tracking Mechanisms**

7. The following trackers and respective base amounts shall be approved:<sup>4</sup>

- a. Uncertain Tax Positions (a/k/a Fin. 48 Tracker), with its base set at \$0.
- b. Pension Tracker, with its base level set at (\$88,252,272)
- c. Other Post-Employment Benefits (a/k/a OPEB) Tracker, with its base level set at (\$30,968,640)
- d. Renewable Energy Standard Compliance Cost Tracker, with its base level set at \$9,142,858.
- e. Excess Deferred Tax Tracker, with its base set at (\$47,747,436), grossed up.

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<sup>4</sup> The terms and conditions governing trackers approved in the Company’s prior general rate proceedings shall continue to apply.

- f. Inflation Reduction Act (“IRA”) Tracker for IRA production tax credits and investment tax credits (subject to Internal Revenue Service normalization requirements) utilized to offset tax liabilities or sold, except as otherwise tracked in the Company’s RESRAM. IRA Tracker has a \$0 base.
- g. Property Tax Tracker, with its base set at \$161,446,770.

**C. Amortizations**

8. Timing Amortizations. The Signatories agree that the Company's regulatory assets and liabilities shall be amortized starting on the effective date of new rates, in the amounts set forth in the attached Exhibit C, "Summary of Amortizations," which is incorporated herein by reference.

9. Amortization Balances in Subsequent Rate Proceeding. The Signatories agree that in the Company's next electric general rate proceeding, the balance of each amortization relating to regulatory assets or liabilities that remain, after full recovery by Ameren Missouri (regulatory asset) or full credit to Ameren Missouri's customers (regulatory liability), shall be applied as offsets to other amortizations which do not expire before Ameren Missouri's new rates from that general rate proceeding take effect. If no other amortization expires before Ameren Missouri's new rates from that general rate proceeding take effect, then the remaining unamortized balance of any regulatory asset or liability that did not expire before new rates from that general rate proceeding take effect shall be a new regulatory liability or asset that is amortized over an appropriate period. Any over- or under-recovery of a regulatory asset or regulatory liability will

be treated in the same manner as the underlying regulatory asset or regulatory liability.<sup>5</sup>

**D. FAC**

10. FAC Tariff/Reporting.

a. The Signatories agree that the FAC tariff sheets attached as Exhibit D, incorporated herein by reference, should be approved and filed as compliance tariffs effective July 1, 2023.<sup>6</sup> The Signatories further agree that the Company shall continue to take the actions listed in the direct testimony of Staff witness Amanda Conner filed in this docket on January 10, 2023, that are listed in said testimony on p. 2, ll. 4 – 26 and on p. 3, starting at l. 6 – p. 4, l. 23. With respect to such actions, OPC shall have the same access to documents and receive the same notices as Staff.

b. The Company shall also provide hourly day ahead and real-time locational marginal prices for Ameren Missouri's load, and each generating resource, in its 20 CSR 4240-3.190(1)(B) monthly as-burned fuel report and shall include the information currently included for the High Prairie and Atchison Energy Centers in Tabs 5D p3 and 5d p4 for its other Energy Centers.

c. As part of its compliance tariff filing in this case the Company will cancel the following tariff sheets, which reflect prior iterations of Rider FAC no longer applicable to service, designating the cancelled tariff sheets as reserved for future use:

Sheet Nos. 70.1 – 70.7;

Sheet Nos. 72 – 72.9;

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<sup>5</sup> In other words, if the underlying regulatory asset or regulatory liability was included in rate base, the over- or under-recovery shall also be included in rate base; if the underlying regulatory asset or regulatory liability was not included in rate base, then the over- or under-recovery shall not be included in rate base.

<sup>6</sup> See footnote 3, supra. In addition, the Sheet numbers, issue and effective dates on Exhibit D shall be modified consistent with the terms of this *Stipulation* when the Company files compliance tariff sheets to reflect the agreed upon terms of Rider FAC.

Sheet Nos. 73 – 73.11; and

Sheet Nos. 74 – 74.13.

Also, as part of its compliance tariff filing in this case, the Company will eliminate the language currently contained in Sheet Nos 71-71.15 by overwriting and reusing these sheets so that they reflect the Rider FAC tariff sheets that took effect pursuant to the Commission’s order in File No. ER-2021-0240, including 6<sup>th</sup> Revised Tariff Sheet No. 71.15.<sup>7</sup> Rider FAC tariff sheets to be approved in this case, on the terms reflected in Exhibit D to this *Stipulation*, will then start at Sheet No. 71.16 and continue for as many sheets as necessary to reflect the entirety of Rider FAC as approved in this case. The Company shall also include the appropriate title on the tariff sheets reflecting the Rider FAC approved in this case.

**E. RESRAM**

11. The Signatories agree that the Base Amount<sup>8</sup> in the Company’s RESRAM shall be \$7,205,895.<sup>9</sup>

**F. Depreciation**

12. Depreciation Rates. The Signatories agree that the depreciation rates set forth on Exhibit E attached hereto and incorporated herein by this reference shall be implemented effective July 1, 2023.

**G. FERC Return on Equity (“ROE”) Cases**

13. The Signatories agree that Ameren Missouri shall continue its regulatory liability

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<sup>7</sup> Assuming that pending 3<sup>rd</sup> Revised Sheet No. 71.31 is approved in the pending File No. ER-2023-0338 docket, that FAC rate sheet will be replaced as part of the compliance tariffs filed in this case using the values from 3<sup>rd</sup> Revised Sheet No. 71.31, which will be reflected as 7<sup>th</sup> Revised Sheet No. 71.15, which will remain in effect until superseded by a subsequent FAC rate sheet.

<sup>8</sup> As defined in the RESRAM.

<sup>9</sup> Appropriate consideration will be given to any interaction between the application of PISA and the RESRAM to Renewable Energy Standard investments.

for the first FERC ROE case refunds, except that amortization of the first FERC ROE case refunds regulatory liability will not begin until the conclusion of the Company's next electric rate case assuming all litigation that may impact the final first FERC ROE case refunds is completed. If said litigation is not completed, amortization will start after the conclusion of the first Company electric rate case concluding after those refunds are finalized. The Company will continue the treatment for refunds attributable to the second FERC ROE case that was agreed upon in File No. ER-2021-0240.

## **H. Energy Delivery Investments.**

### 14. Energy Delivery Projects

a. The Company will continue to submit in File No. EO-2019-0044, quarterly (e.g., information for the second quarter of 2023 shall be submitted by September 30, 2023, and so on), for those energy delivery projects falling within the six categories listed in Item I, Paragraph 18, Subparagraph A of the Unanimous Stipulation and Agreement approved by the Commission in File No. ER-2021-0240, with an investment of \$1 million or greater and which went into service the prior year, the following information (as applicable, since not all the following items apply to all such projects):

- i. Purchase orders;
- ii. Change orders;
- iii. Final project cost summaries;
- iv. Project Notifications/Project Charters;
- v. Oversight Committee review materials; and
- vi. In-service dates.

b. The Company shall also submit in File No. EO-2019-0044, quarterly (e.g., results

for the second quarter of 2023 shall be submitted by September 30, 2023, and so on), for so long as the Company continues to utilize Plant-in-Service-Accounting for energy delivery projects with an investment of \$1 million or greater which went into service the prior quarter, the evaluation results for such projects consistent with the evaluation methodologies for the subject categories developed pursuant to Item I, Paragraph 18, Subparagraph A of the Stipulation and Agreement approved in File No. ER-2021-0240.

c. Company agrees to meet with Staff and OPC to discuss whether changes to the Smart Grid category evaluation methodology might be warranted given issues raised regarding Private LTE and Tripsavers.

#### **I. Low-Income Programs.**

15. Keeping Current and Keeping Cool Program.<sup>10</sup> The Keeping Current and Keeping Cool budget shall be increased to \$4.25 million with funding provided 50% from customers and 50% from the Company. The Company agrees to meet as part of the Low-Income Collaborative Group, within 60 days of the order approving this *Stipulation*, to discuss methods for legally reducing disconnections in the zip codes with the highest percentage of customers being involuntarily disconnected, with the result of the meeting to be documented by the Collaborative and filed in this case. The following changes will also be made to the existing Keeping Current/Keeping Cool program:

- a. Increase the Keeping Cool amount seniors receive to \$50.
- b. Allow for return check fees in amount that can be covered by a non-LIHEAP pledge, rather than customer being required to pay the return check fee.

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<sup>10</sup> The portion of funding provided by customers shall be included in the Low-Income Pilot Program Charge, and is included in the revenue requirement upon which rates set in this case will be based.



- c. Increase flexibility for enrollment criteria by allowing participants with up to two weeks of a past due balance.
  - d. Increase focus on non-LIHEAP agencies and consider marketing opportunities.
  - e. Institute automatic renewal rather than removing customers who complete 24 months following a needs assessment (phone call) by a participating agency employee.
  - f. The compensation for Keeping Current agencies shall be increased to \$50 for each enrollment in the program, with the agencies' compensation for each successful completion in the program to remain at \$25.
16. The Rehousing Program budget shall be \$0.5 million annually, with funding provided 50% from customers and 50% from the Company.
17. The Critical Needs Program budget shall be \$0.5 million annually, with funding provided 50% from customers and 50% from the Company.
18. The Low-income Weatherization Program budget shall be \$1.2 million annually, which is reflected in the revenue requirement on which rates are based.

**J. Other Non-Revenue Requirement Issues.**

19. The Company will continue providing the High Prairie Energy Center reporting per Item H of the final Stipulation and Agreement in File No. ER-2021-0240, except that, as previously agreed, the seasonal reporting dates will be June 15, September 15, and November 30. The Company will also hold a meeting to discuss investments in mitigation projects at High Prairie with Staff, OPC, and MECG.
20. Company will meet at least twice with Staff and OPC to discuss how to align on the benchmarking recommended by OPC witness Seaver related to excavation coordination, and to discuss reporting and the annual workshop on the topic raised by OPC witness Seaver, all as outlined in Company witness Huss's rebuttal testimony.

21. The Company will continue to work collaboratively regarding the medical registry, per lines 16-19 on page 5 of Company witness Harding's rebuttal testimony.

22. The Company agrees to schedule guided tours for OPC and Staff regarding online account access per rebuttal testimony of Steve Wills.

23. The Company's Rider EEIC margin rate table will be updated consistent with the method in the direct testimony of Company witness Bowden adjusted to exclude MEEIA opt-out customers, as applied to the retail tariff rates established by this *Stipulation*.

24. Community Solar Pilot and Program: For the Community Solar Pilot and Program, the Solar Facilities Charge rate shall be adjusted per Stipulation in File No. EA-2016-0207.

25. The Company shall continue to provide the advertising materials for the test year to Staff within one month after filing a general rate proceeding. Company agrees that Blues PP Goals for Kids expenditures will be excluded from future revenue requirements.

26. The Company's Standby Service Rider rates will be updated consistent with the underlying class rate changes.

27. Ameren Missouri will submit tariff revision, along with its other compliance tariffs, regarding postcards to be sent to customers who do not have an AMI meter and have received more than three consecutive estimated bills so that the customer may provide meter readings to the company. Company agrees to send a letter via first class mail to all customers who have received more than three consecutive estimated bills.

28. The Company agrees to meet with Staff and OPC on a quarterly basis to discuss customer service billing and outreach updates.

29. The Company agrees to provide monthly reporting on the following: total number of customers with estimated bills for the month, and total customers with more than three consecutive estimated bills for the month and number of customers with “no bills”, i.e., customers not billed within 30 days of the close of their billing period.

30. The Company agrees that paperless billing enrollment shall be opt-in as opposed to opt-out. The Company will no longer pre-check the customer enrollment box.

31. The Company also agrees in rate cases that it will identify, describe, and explain the reasoning for all proposed tariff changes in testimony. Miscellaneous tariff changes per Company witness Mike Harding's direct and surrebuttal testimony will be adopted (listed below):

- a. Eliminate 12M rate schedule.
- b. Sheet 55 - Removal of Unmetered CC from 2M TOU.
- c. Sheet 59 - 6(M) E&M Lighting Updates - Phasing out the Energy and Maintenance option.
- d. Sheet 63 - Updates to Misc. Charges - Add Tampering/Diversion Charge,
- e. Sheet 84.2 - Accept various typo corrections and reference updates.
- f. Sheets 88.9-88.13 – Eliminate old Solar Rebate (Rider SR).
- g. Sheets 103 and 104.
- h. Sheet No. 110: Eliminates outdated language in Section J., Non-Standard Service.
- i. Sheet No. 115: Correction to Section reference, Overhead Extensions To Residential Subdivisions in Section 1.a.
- j. Sheet No. 123: Correction to Special Facilities reference in Section 2.
- k. Sheet No. 134: Updated language to Section 5 prohibiting eligibility for optional rates under 2(M) when a large customer requests a temporary transfer to the 2(M) rate class due to abnormal operations.
- l. Sheet No. 137: Correction to Rent Inclusion section number reference.
- m. Sheet No. 138: Correction to Missouri Code of State Regulations reference in Partial Payments Section & prospective removal of the Paperless Billing credit.

32. Customer Deposits: Ameren Missouri agrees that by the end of 2023, it will

implement a change to its policy on residential customer security deposits so that security deposits for residential customers are returned after 12 months of satisfactory bill payments regardless of whether the customer paid the deposit in installments. This policy change will also apply to Ameren Missouri's residential gas customers. These agreements regarding residential customer deposit policy changes resolve File Nos. EC-2023-0257 and GC-2023-0258, which shall be dismissed upon approval of this *Stipulation*.

33. Cape Girardeau Facility. The Signatories agree that the Cape Girardeau Solar Facility is in-service.

### **GENERAL PROVISIONS**

33. This *Stipulation* is being entered into solely for the purpose of settling the issues listed in the Joint List of Issues filed on March 22, 2023, except for Issues 4 (and all subparts), 24.B, and 30, and unless otherwise specifically set forth herein represents a settlement on a mutually-agreeable outcome without resolution of specific issues of law or fact. This *Stipulation* is intended to relate *only* to the specific matters referred to herein; no Signatory waives any claim or right which it may otherwise have with respect to any matter not expressly provided for herein. No Signatory will be deemed to have approved, accepted, agreed, consented, or acquiesced to any substantive or procedural principle, treatment, calculation, or other determinative issue underlying the provisions of this *Stipulation* except as otherwise specifically set forth herein. Except as specifically provided herein, no Signatory shall be prejudiced or bound in any manner by the terms of this *Stipulation* in any other proceeding, regardless of whether this *Stipulation* is approved.

34. This *Stipulation* has resulted from extensive negotiations among the Signatories and the terms hereof are interdependent. In the event the Commission does not approve this

*Stipulation*, or approves it with modifications or conditions to which a Signatory objects, then this *Stipulation* shall be null and void, and no Signatory shall be bound by any of its provisions.

35. If the Commission does not approve this *Stipulation* unconditionally and without modification, and notwithstanding its provision that it shall become void, neither this *Stipulation*, nor any matters associated with its consideration by the Commission, shall be considered or argued to be a waiver of the rights that any Signatory has for a decision in accordance with Section 536.090, RSMo 2016 or Article V, Section 18 of the Missouri Constitution, and the Signatories shall retain all procedural and due process rights as fully as though this *Stipulation* had not been presented for approval, and any suggestions or memoranda, testimony or exhibits that have been offered or received in support of this *Stipulation* shall become privileged as reflecting the substantive content of settlement discussions and shall be stricken from and not be considered as part of the administrative or evidentiary record before the Commission for any further purpose whatsoever.

36. If the Commission unconditionally accepts the specific terms of this *Stipulation* without modification, the Signatories waive, with respect only to the issues resolved herein: their respective rights (1) to call, examine and cross-examine witnesses pursuant to Section 536.070(2), RSMo 2016; (2) their respective rights to present oral argument and/or written briefs pursuant to Section 536.080.1, RSMo 2016; (3) their respective rights to the reading of the transcript by the Commission pursuant to Section 536.080.2, RSMo 2016; (4) their respective rights to seek rehearing pursuant to Section 386.500, RSMo 2016; and (5) their respective rights to judicial review pursuant to Section 386.510, RSMo Supp. 2020. These waivers apply only to a Commission order respecting this *Stipulation* issued in this above-captioned proceeding, and do not apply to any matters raised in any prior or subsequent Commission proceeding, or any matters not explicitly addressed by this *Stipulation*.

37. The Signatories shall also have the right to provide, at any agenda meeting at

which this *Stipulation* is noticed to be considered by the Commission, whatever oral explanation the Commission requests, provided that each Signatory shall, to the extent reasonably practicable, provide the other parties with advance notice of the agenda meeting for which the response is requested. Signatory's oral explanations shall be subject to public disclosure, except to the extent they refer to matters that are privileged or protected from disclosure pursuant to the Commission's rules on confidential information.

38. This *Stipulation* contains the entire agreement of the Signatories concerning the issues addressed herein.

39. This *Stipulation* does not constitute a contract with the Commission and is not intended to impinge upon any Commission claim, right, or argument by virtue of the *Stipulation's* approval. Acceptance of this *Stipulation* by the Commission shall not be deemed as constituting an agreement on the part of the Commission to forego the use of any discovery, investigative or other power which the Commission presently has or as an acquiescence of any underlying issue. Thus, nothing in this *Stipulation* is intended to impinge or restrict in any manner the exercise by the Commission of any statutory right, including the right to access information, or any statutory obligation.

40. The Signatories agree that this *Stipulation*, except as specifically noted herein, resolves all issues related to these topics, and that the *Stipulation*, including its exhibits should be received into the record without the necessity of any witness taking the stand for examination. Further, contingent upon Commission approval of this *Stipulation* without modification, the Signatories hereby stipulate to the admission into the evidentiary record of the pre-filed written testimony of their witnesses except for those witnesses testifying on the remaining issues set for evidentiary hearing.

**WHEREFORE**, the Signatories respectfully request that the Commission approve this *Stipulation*, so that Ameren Missouri may move forward on these provisions, and grant any other and further relief as it deems just and equitable.

Respectfully submitted,

*/s/ Wendy K. Tatro*

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**CERTIFICATE OF SERVICE**

I do hereby certify that a true and correct copy of the foregoing document has been hand-delivered, transmitted by e-mail or mailed, First Class, postage prepaid, this 7<sup>th</sup> day of April 2023, to counsel for all parties on the Commission's service list in this case.

*/s/James B. Lowery*

James B. Lowery

<b>Residential - Anytime Users</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Total Bills	7,656,624	9.00	68,909,616
Low Income Charge	7,656,624	0.14	1,071,927
<b>Energy Charge</b>			
Summer kWh	2,820,781,228	0.1296	365,573,247
Winter kWh			
First 750 kWh	3,041,866,111	0.0881	267,988,404
Over 750 kWh	2,410,305,625	0.0591	142,449,062
<b>Total Anytime Users kWh</b>	<b>8,272,952,964</b>		
<b>Total Anytime Users Revenue</b>			<b>845,992,257</b>

<b>Residential - Anytime TOD</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Total Bills	384	9.00	3,456
Low Income Charge	384	0.14	54
			0
<b>Energy Charge</b>			
Summer kWh			0
Off Peak	231,819	0.0786	18,221
On Peak	43,916	0.3346	14,694
Winter kWh			0
First 750 kWh	272,801	0.0881	24,034
Over 750 kWh	195,719	0.0591	11,567
<b>Total kWh</b>	<b>744,254</b>		
<b>Total Anytime TOD Revenue</b>			<b>72,026</b>

<b>Residential - Evening Morning Savers</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Total Bills	5,333,904	9.00	48,005,136
Low Income Charge	5,333,904	0.14	746,747
<b>Energy Charge</b>			
Summer kWh	1,890,595,316	0.1263	238,782,188
Summer Peak kWh	1,159,782,600	0.005	5,798,913
Winter kWh			
First 750 kWh	1,819,301,574	0.0867	157,733,446
Over 750 kWh	1,277,180,781	0.0578	73,821,049
Winter Peak kWh	1,625,865,500	0.0025	4,064,664
<b>Total kWh</b>	<b>4,987,077,672</b>		
<b>Total Anytime TOD Revenue</b>			<b>528,952,143</b>

<b>Residential - Overnight Savers</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Total Bills	9,276	9.00	83,484
Low Income Charge	9,276	0.14	1,299
<b>Energy Charge</b>			
Summer kWh			
Off Peak	1,098,207	0.0608	66,771
On Peak	2,236,209	0.1525	341,022
Winter kWh			
Off Peak	1,833,679	0.0524	96,085
On Peak	3,507,175	0.0858	300,916
First 750 kWh	194,308	0.0881	17,118
Over 750 kWh	142,898	0.0591	8,445
<b>Total kWh</b>	<b>9,012,475</b>		
<b>Total R-TOU2 Revenue</b>			<b>915,140</b>

<b>Residential - Smart Savers</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Total Bills	6,012	9.00	54,108
Low Income Charge	6,012	0.14	842
<b>Energy Charge</b>			
Summer kWh			
Off Peak	654,942	0.0637	41,720
Intermediate Peak	1,152,812	0.1008	116,203
On Peak	315,171	0.3359	105,866
Winter kWh			
Off Peak	990,238	0.0526	52,087
Intermediate Peak	1,737,674	0.0645	112,080
On Peak	337,528	0.1798	60,687
First 750 kWh	283,309	0.0881	24,960
Over 750 kWh	211,845	0.0591	12,520
<b>Total kWh</b>	<b>5,683,519</b>		
<b>Total R-SmartSavers Revenue</b>			<b>581,072</b>

<b>Residential - Ultimate Savers</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Total Bills	5,736	9.00	51,624
Low Income Charge	5,736	0.14	803
<b>Energy Charge</b>			
Summer kWh			
Off Peak	1,840,041	0.0479	88,138
On Peak	256,049	0.2831	72,488
Winter kWh			
Off Peak	3,341,897	0.0423	141,362
On Peak	414,759	0.1539	63,831
<b>Demand Charge</b>			
Summer Demand	10,456	7.71	80,617
Winter Demand	20,021	3.18	63,668
<b>Total kWh</b>	<b>5,852,746</b>		
<b>Total kW</b>	<b>30,477</b>		
<b>Total R-SmartSavers Revenue</b>			<b>562,531</b>

<b>Community Solar Revenue</b>	<b>446,671</b>
<b>Total Residential Revenue</b>	<b>1,377,521,840</b>

<b>Small General Service Class</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
One-phase	1,151,879	11.33	13,050,789
Three-phase	466,994	21.68	10,124,432
Limited Unmetered Service	85,843	6.01	515,919
<b>TOD Bills</b>			
One-phase	18,155	21.72	394,323
Three-phase	1,907	42.42	80,877
Low Income Charge	1,724,778	0.18	310,460
Total Bills	1,724,778		
<b>Energy Charge</b>			
Summer kWh	1,061,022,584	0.1135	120,426,063
Off Peak	26,896,276	0.0688	1,850,464
On Peak	15,403,254	0.1687	2,598,529
<b>Winter kWh</b>			
Base	1,472,287,916	0.0848	124,850,015
Seasonal	472,118,529	0.0488	23,039,384
Off Peak	56,611,937	0.0507	2,870,225
On Peak	30,919,851	0.1111	3,435,195
kWh Lighting Rate	2,267,734	0.0490	111,119
<b>Total kWh</b>	<b>3,137,528,082</b>		
<b>Total Revenue</b>			<b>303,657,795</b>

<b>Community Solar Revenue</b>	9,341
<b>Total SGS Revenue</b>	<b>303,667,136</b>

<b>Large General Service</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Standard Bills	128,484	102.8	13,208,155
TOD Bills	608	21.08	12,817
Low Income Charge	128,484	2.06	264,677
<b>Demand Charge (kW)</b>			
Summer	8,031,915	5.87	47,147,340
Winter	14,900,672	2.18	32,483,465
<b>Energy Charge</b>			
<b>Summer kWh</b>			
First 150HU	1,026,819,252	0.1054	108,226,749
Next 200HU	1,116,149,646	0.0793	88,510,667
Over 350HU	462,377,333	0.0534	24,690,950
Off Peak	12,591,571	-0.0065	-81,845
On Peak	6,886,236	0.0114	78,503
<b>Winter kWh</b>			
<b>Base Energy Charge</b>			
First 150HU	1,681,552,401	0.0662	111,318,769
Next 200HU	1,779,794,640	0.0492	87,565,896
Over 350HU	736,041,388	0.0387	28,484,802
Seasonal Energy	441,258,649	0.0387	17,076,710
Off Peak	25,981,234	-0.0019	-49,364
On Peak	13,292,749	0.0035	46,525
<b>Total kWh</b>	<b>7,243,993,310</b>		
<b>Total EDI Discount</b>			-482,414
<b>Total Revenue</b>			<b>558,502,401</b>

<b>Small Primary Service</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Standard Bills	7,992	352.19	2,814,702
TOD Bills	227	21.08	4,785
Low Income Charge	7,992	2.06	16,464
<b>Demand Charge (kW)</b>			
Summer	2,862,027	5.06	14,481,854
Winter	5,123,628	1.84	9,427,476
<b>Energy Charge</b>			
Summer kWh			
First 150HU	405,242,682	0.1023	41,456,326
Next 200HU	488,010,630	0.0769	37,528,017
Over 350HU	365,100,927	0.0517	18,875,718
Off Peak	29,400,321	-0.0048	-141,122
On Peak	14,260,787	0.0084	119,791
<b>Winter kWh</b>			
Base Energy Charge			
First 150HU	662,509,337	0.0644	42,665,601
Next 200HU	800,634,751	0.0479	38,350,405
Over 350HU	600,790,969	0.0374	22,469,582
Seasonal Energy	187,865,226	0.0374	7,026,159
Off Peak	49,884,974	-0.0018	-89,793
On Peak	25,671,992	0.0031	79,583
Reactive Power (kvar)	1,266,631	0.38	481,320
Rider B 34.5/69 kV Discount	832,926	-1.24	-1,032,828
Rider B 138 kV Discount	6,085	-1.47	-8,944
<b>Total kWh</b>	<b>3,510,154,524</b>		
<b>Total EDI Discount</b>			<b>-179,990</b>
<b>Total Revenue</b>			<b>234,345,107</b>

<b>Large Primary Service</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
<b>Customer Charge</b>			
Standard Bills	756	352.19	266,256
TOD	60	21.08	1,265
Low Income Charge	756	220.99	167,068
<b>Demand Charge (kW)</b>			
Summer	2,373,150	21.00	49,836,153
Winter	4,223,011	9.34	39,442,923
<b>Energy Charge</b>			
<b>Summer kWh</b>			
Energy	1,294,347,606	0.0357	46,208,210
Off Peak	84,700,789	-0.0035	-296,453
On Peak	42,549,210	0.0064	272,315
<b>Winter kWh</b>			
Energy	2,261,638,474	0.0326	73,729,414
Off Peak	152,367,049	-0.0018	-274,261
On Peak	74,778,019	0.0029	216,856
Reactive Power (kvar)	285,420	0.38	108,459
Rider B 34.5/69 kV Discount	1,589,995	-1.24	-1,971,593
Rider B 138 kV Discount	656,209	-1.47	-964,627
<b>Total kWh</b>	<b>3,555,986,080</b>		
<b>Total EDI Discount</b>			<b>-61,598</b>
<b>Total Revenue</b>			<b>206,680,387</b>



<b>Company Owned Lighting 5M</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
100000 MH Direct	361	74.26	321,694
11000 MV Open Btm	75	10.56	9,504
140000 HPS Direct	4	74.88	3,594
20000 MV Direct	191	22.83	52,326
20000 MV Enclosed	1,702	17.39	355,173
25500 HPS Direct	2,242	23.75	638,970
25500 HPS Enclosed	4,450	18.29	976,686
27500 HP Enclosed	207	18.29	45,432
3300 MV Open Btm	1,054	10.54	133,310
3300 MV Post Top	73	23.39	20,490
34000 MH Direct	606	22.87	166,311
34200 HPS Direct	4	23.75	1,140
36000 MH Direct	2,045	22.87	561,230
47000 HPS Direct	85	37.58	38,332
50000 HPS Direct	2,152	37.58	970,466
50000 HPS Enclosed	1,122	33.04	444,851
54000 MV Direct	13	33.89	5,287
54000 MV Enclosed	46	29.35	16,201
5800 HPS Open Btm	46	10.89	6,011
6800 MV Enclosed	3,298	12.7	502,615
6800 MV Open Btm	5,581	11.09	742,719
6800 MV Post Top	6,547	24.3	1,909,105
9500 HPS Enclosed	4,486	13.23	712,197
9500 HPS Open Btm	12,003	11.62	1,673,698
9500 HPS Post Top	34,071	24.84	10,155,884
LED 100 W EQ Bracket	78,268	10.68	10,030,827
LED 250 W EQ Bracket	11,854	17.24	2,452,356
LED 400 W EQ Bracket	1,967	31.67	747,539
LED Direct-Large	526	71.72	452,697
LED Direct-Medium	3,499	35.98	1,510,728
LED Direct-Small	2,905	22.44	782,258
LED Post Top - All	14,060	23.71	4,000,351
<b>Municipal Discount</b>		-0.0392	-1,583,470
<b>Total Revenue</b>			<b>38,856,513</b>

<b>Customer Owned Lighting 6M</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
100W LED Energy Only	45	1.66	896
11000 MV Energy Only	24	4.67	1,345
11000 MV Enrg&Maint	26	7.1	2,215
12900 MH Enrg&Maint	53	7.06	4,490
162W LED Energy Only	8	2.6892	258
180W LED Energy Only	9	2.988	323
196W LED Energy Only	28	3.2536	1,093
20000 MV Energy Only	88	7.21	7,614
20000 MV Enrg&Maint	38	9.33	4,254
25500 HPS Enrg&Maint	425	7	35,700
25500 HPS Enrgy Only	26	4.87	1,519
25W LED Energy Only	2	0.415	10
26W LED Energy Only	29	0.4316	150
27W LED Energy Only	10	0.4482	54
3300 MV Enrg&Maint	3	4.08	147
3300 MV Enrgy Only	84	2.02	2,036
36W LED Energy Only	43	0.5976	308
40W LED Energy Only	25	0.664	199
44W LED Energy Only	1	0.7304	9
45W LED Energy Only	47	0.747	421
50000 HPS Enrg&Maint	65	10.04	7,831
50000 HPS Enrgy Only	1	7.65	92
54000 MV Energy Only	11	17.17	2,266
54000 MV Enrg&Maint	4	19.8	950
54W LED Energy Only	33	0.8964	355
5500 MH Enrg&Maint	169	5.96	12,087
57W LED Energy Only	7	0.9462	79
60W LED Energy Only	4	0.996	48
6800 MV Enrg&Maint	1,445	5.25	91,035
6800 MV Enrgy Only	121	3.28	4,763
6M Ltd LED 100 W EQ	9,467	3.07	348,764
6M Ltd LED 250 W EQ	106	3.98	5,063
6M Ltd LED 400 W EQ	8	7.03	675
70W LED Energy Only	13	1.162	181
72W LED Energy Only	19	1.1952	273
75W LED Energy Only	182	1.245	2,719
80W LED Energy Only	249	1.328	3,968
85W LED Energy Only	50	1.411	847
9500 HPS Enrg&Maint	8,526	4.08	417,433
9500 HPS Enrgy Only	116	1.9	2,645
<b>Fixture Revenue</b>			965,117
<b>Municipal Discount</b>		-0.0392	-37,790
<b>Total Revenue</b>			927,326

<b>Customer Owned Lighting 6M Metered</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
Bills	20,051	7.75	155,395
Energy	42,066,286	0.049	2,061,248
<b>Billed Revenue</b>			2,216,643
<b>Municipal Discount</b>		-0.0641	-142,129
<b>Total Revenue</b>			2,074,515

<b>Total Lighting Revenue</b>	41,858,354
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<b>MSD Horsepower Service</b>			
	<b>Billing Units</b>	<b>Current Rates</b>	<b>Current Revenue</b>
	36,900	0.1842	81,564

**Rebasing Summary (kWh)**

Actual savings through Dec 2022

	MEEIA 3 PY2021 Non-Low-Income	MEEIA 3 PY2022 Non-Low-Income	MEEIA 3 PY2021 Low-Income	MEEIA 3 PY2022 Low-Income
<b>1M kWh</b>				
Building Shell	38,542,274.30	1,226,552.01	358,771.88	78,525.25
Cooling	37,486,482.12	27,215,488.97	1,172,737.69	1,299,165.73
Freezer	187,232.77	-	-	-
Heating	17,633,237.35	14,294,279.87	3,456,395.66	883,301.98
HVAC	1,961,942.13	880,542.95	1,153,610.92	6,238,463.15
Lighting	102,276,618.65	3,269.78	2,896,338.86	2,450,800.44
Miscellaneous	179,713.11	113,492.66	175,169.89	137,127.42
Pool Spa	1,149,596.05	-	-	-
Refrigeration	1,548,649.24	-	34,939.39	23,151.06
Water Heating	3,151,068.64	541,721.32	1,215,960.93	217,999.60
Motors(uses bus. load shape)				
<b>Total</b>	<b>204,116,814.36</b>	<b>44,275,347.56</b>	<b>10,463,925.22</b>	<b>11,328,534.63</b>
<b>2M kWh</b>				
Air Comp	-	-	-	-
Building Shell	19,265.54	-	-	17,894.54
Cooking	-	-	-	-
Cooling	629,214.56	294,303.63	-	1,511.00
Ext Lighting	108,177.24	-	209,510.69	48,962.64
Heating	15,112.44	1,824.66	-	-
HVAC	1,253,913.54	448,011.00	2,188.62	102,704.63
Lighting	30,167,214.60	16,500,791.79	462,059.79	3,440,640.87
Miscellaneous	98,167.33	61,832.00	-	-
Motors	116,473.27	-	13,102.50	-
Process	-	-	-	-
Refrigeration	50,976.94	33,646.00	-	-
Water Heating	-	21,156.00	-	-
<b>Total</b>	<b>32,458,515.46</b>	<b>17,361,565.08</b>	<b>686,861.60</b>	<b>3,611,713.67</b>
<b>3M kWh</b>				
Air Comp	2,593,813.30	2,190,761.00	-	-
Building Shell	297,667.20	-	375.99	-
Cooking	6,783.20	12,294.00	-	-
Cooling	9,288,713.09	4,618,820.00	58,033.89	-
Ext Lighting	9,582.97	-	34,065.31	63,588.12
Heating	-	-	-	-
HVAC	41,013,265.90	11,260,587.38	-	-
Lighting	64,391,984.50	34,670,479.00	602,065.37	772,312.04
Miscellaneous	297,426.42	956,712.00	-	-
Motors	128,451.36	113,148.00	-	-
Process	-	-	-	-
Refrigeration	191,335.40	2,686,558.00	-	-
Water Heating	-	-	-	-
<b>Total</b>	<b>118,219,023.33</b>	<b>56,509,359.38</b>	<b>694,540.57</b>	<b>835,900.16</b>
<b>4M kWh</b>				
Air Comp	731,198.96	779,335.00	-	-
Building Shell	-	-	-	-
Cooking	-	41,970.00	-	-
Cooling	3,777,869.33	3,679,793.00	-	-
Ext Lighting	-	-	-	-
Heating	-	-	-	-
HVAC	4,213,862.52	511,347.00	-	-
Lighting	13,460,846.83	6,167,827.00	-	-
Miscellaneous	250,047.03	-	-	-
Motors	-	635,135.00	-	-
Process	46,341.08	200,529.00	-	-
Refrigeration	24,775.87	109,535.00	-	-
Water Heating	-	-	-	-
<b>Total</b>	<b>22,504,941.62</b>	<b>12,125,471.00</b>	<b>-</b>	<b>-</b>
<b>11M kWh</b>				
Air Comp	750,492.92	446,768.00	-	-
Building Shell	-	-	-	-
Cooking	-	-	-	-
Cooling	475,231.41	1,133,933.00	-	-
Ext Lighting	-	-	-	-
Heating	-	-	-	-
HVAC	129,602.80	-	-	-
Lighting	1,141,939.03	555,745.00	-	-
Miscellaneous	-	-	-	-
Motors	-	136,288.00	-	-
Process	-	-	-	-
Refrigeration	-	-	-	-
Water Heating	-	-	-	-
<b>Total</b>	<b>2,497,266.16</b>	<b>2,272,734.00</b>	<b>-</b>	<b>-</b>

Notes from each PY TD file, used Dec 2022 cumulative savings as rebasing values in July 2023 to zero out savings reported through Dec 2022

M3 PY21

Post-true-up  
rebasing based on eval kWh  
will fully zero TD

M3 PY22

Mid-PY (does not include year-end reporting); not trued-up  
based on deemed kWh  
will not fully zero TD

**File No. ER-2022-0337**  
**Summary of Amortizations**

Callaway Post Op Amortization	3,687,468
PISA Amortization (2019)	2,573,051
PISA Amortization (2021)	9,950,377
PISA Amortization (2022)	9,046,172
PAYS (2021)	16,188
PAYS (2022)	59,172
Pension Tracker Amortization	(13,044,905)
OPEB Tracker Amortization	(4,293,736)
Sioux Scrubber Construction Accounting	2,536,759
Fukushima Study Costs	92,656
RES Tracker Amortization (2021)	(363,620)
RES Tracker Amortization (2022)	366,516
Expired & Expiring Amortizations – Non-Rate Base	(4,371,579)
Expired & Expiring Amortizations – Rate Base	53,712
Callaway Life Extension	103,877
COVID Cost Amortization	1,747,232
Customer Affordability Study	2,177,445
Property Tax Tracker Amortization	1,121,852
Charge Ahead Corridor Amortization (2021)	615,671
Charge Ahead Corridor Amortization (2022)	288,964
Equity Issuance Costs	255,447
Excess Deferred Tax Tracker (2021)	(3,362,196)
Excess Deferred Tax Tracker (2022)	(3,054,533)
Meramec Inventory Write-off	960,052
Meramec Retirement	12,183,619
Federal and State Excess Deferred Tax Amortization	(85,452,744) <sup>1</sup>

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<sup>1</sup> This amount reflects the impact on tax expense and is not grossed up for the effect on revenues.

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

APPLICABILITY

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), 11(M), and 12(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation and emissions costs and revenues, net of off-system sales revenues (OSSR) (i.e., Actual Net Energy Costs (ANEC)) and Net Base Energy Costs (B), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Recovery Period (RP)</u>
February through May	October through May
June through September	February through September
October through January	June through January

AP means the four (4) calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate (FAR).

RP means the calendar months during which the FAR is applied to retail customer usage on a per kWh basis, as adjusted for service voltage. Notwithstanding that each RP covers a period of eight months, when an extraordinary event has occurred that results in an increase to actual net energy costs in an accumulation period, for good cause shown, subject to Commission approval after an opportunity for any party to be heard, the Company shall defer recovery beyond eight months over a period determined by the Commission upon a finding that the magnitude of the increase on customers of recovering the difference between actual net energy costs and net base energy costs for that accumulation period should be mitigated. The difference not recovered within the eight-month recovery period applicable to the accumulation period at issue will be added to subsequent recovery periods until recovered with a true-up at the end of the Commission approved extended recovery period.

The Company will make a FAR filing no later than sixty (60) days prior to the first day of the applicable Recovery Period above. All FAR filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240.

DATE OF ISSUE February 14, 2022 DATE EFFECTIVE February 28, 2022

ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**EXHIBIT D**

RIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION

Ninety five percent (95%) of the difference between ANEC and B for each respective AP will be utilized to calculate the FAR under this rider pursuant to the following formula with the results stated as a separate line item on the customers' bills.

For each FAR filing made, the FAR<sub>RP</sub> is calculated as:

$$FAR_{RP} = [(ANEC - B) \times 95\% \pm I \pm P \pm TUP] / S_{RP}$$

Where:

$$ANEC = FC + PP + E \pm R - OSSR$$

FC = Fuel costs and revenues associated with the Company's in-service generating plants, but excluding decommissioning and retirement costs, consisting of the following:

1) For fossil fuel plants:

A. the following costs and revenues (including applicable taxes) arising from steam plant operations recorded in FERC Account 501: coal commodity, gas, alternative fuels, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs, fuel oil adjustments included in commodity and transportation costs, fuel additive costs included in commodity or transportation costs, oil costs, ash disposal costs and revenues, and expenses resulting from fuel and transportation portfolio optimization activities; ~~provided that costs otherwise included in the foregoing associated with coal remaining at a coal plant after the coal plant ceases coal fired generation shall be excluded from Factor FC and instead deferred on the Company's books to a regulatory asset for consideration of recovery in a general rate proceeding over a reasonable amortization period as determined by the Commission;~~

B. the following costs and revenues reflected in FERC Account 502 for: consumable costs related to Air Quality Control System (AQCS) operation, such as urea, limestone, and powder activated carbon; and

C. the following costs and revenues (including applicable taxes) arising from non-steam plant operations recorded in FERC Account 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation, fuel losses, hedging, and revenues and expenses resulting from fuel and transportation portfolio optimization activities, but excluding fuel costs related to the Company's landfill gas generating plant known as Maryland Heights Energy Center; and

2) The following costs and revenues (including applicable taxes) arising from nuclear plant operations, recorded in FERC Account 518: nuclear

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240.

DATE OF ISSUE February 14, 2022

DATE EFFECTIVE February 28, 2022

ISSUED BY Mark C. Birk  
NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6

Original

SHEET NO. 71.17

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA**

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fuel commodity expense, waste disposal expense, and nuclear fuel hedging costs.

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DATE EFFECTIVE February 28, 2022

ISSUED BY Mark C. Birk  
NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS



MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.18

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

PP = Purchased power costs and revenues and consists of the following:

- 1) The following costs and revenues for purchased power reflected in FERC Account 555, excluding (a) all charges under Midcontinent Independent System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and (b) generation capacity charges for contracts with terms in excess of one (1) year, ~~provided that the cost of capacity acquired from a jointly owned entity, whose Factors PP, OSSR, or T costs and revenues assigned by the entity to the Company are included in this Rider FAC, will be included in Factor PP regardless of the term.~~ Such costs and revenues include:

A. MISO costs or revenues for MISO's energy and operating reserve market settlement charge types and capacity market settlement clearing costs or revenues associated with:

- i. Energy;
- ii. Losses;
- iii. Congestion management:
  - a. Congestion;
  - b. Financial Transmission Rights; and
  - c. Auction Revenue Rights;
- iv. Generation capacity acquired in MISO's capacity auction or market; provided such capacity is acquired for a term of one (1) year or less;
- v. Revenue sufficiency guarantees;
- vi. Revenue neutrality uplift;
- vii. Net inadvertent energy distribution amounts;
- viii. Ancillary Services:
  - a. Regulating reserve service (MISO Schedule 3, or its successor);
  - b. Energy imbalance service (MISO Schedule 4, or its successor);
  - c. Spinning reserve service (MISO Schedule 5, or its successor);
  - d. Supplemental reserve service (MISO Schedule 6, or its successor); and
  - e. Short-term reserve service;
- ix. Demand response:
  - a. Demand response allocation uplift; and
  - b. Emergency demand response cost allocation (MISO Schedule 30, or its successor);
- x. System Support Resource:
  - a. MISO Schedule 43K.

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NAME OF OFFICER TITLE ADDRESS

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

B. Non-MISO costs or revenues as follows:

- i. If received from a centrally administered market (e.g. PJM/SPP), costs or revenues of an equivalent nature to those identified for the MISO costs or revenues specified in subpart A of part 1 above;
- ii. If not received from a centrally administered market:
  - a. Costs for purchases of energy; and
  - b. Costs for purchases of generation capacity, provided ~~that either such capacity is acquired from a jointly owned entity, whose Factors PP, OSSR, or T costs and revenues assigned by the entity to the Company are included in this Rider FAC, or such capacity is acquired for a term of one (1) year or less; and~~

C. Realized losses and costs (including broker commissions and fees) minus realized gains for financial swap transactions for electrical energy that are entered into for the purpose of mitigating price volatility associated with anticipated purchases of electrical energy for those specific time periods when the Company does not have sufficient economic energy resources to meet its native load obligations, so long as such swaps are for up to a quantity of electrical energy equal to the expected energy shortfall and for a duration up to the expected length of the period during which the shortfall is expected to exist.

- 2) ~~Six and 84/100~~ Six and 84/100 ~~Four and 97/100~~ percent (6.84%) of transmission service costs reflected in FERC Account 565 and ~~Six and 84/100 percent (6.84%)~~ Four and 97/100 percent (4.97%) of transmission revenues reflected in FERC Account 456.1 (excluding costs or revenues under MISO Schedule 10, or any successor to that MISO Schedule). Such transmission service costs and revenues included in Factor PP include:

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

3) A. MISO costs and revenues associated with:

- i. Network transmission service (MISO Schedule 9 or its successor);
- ii. Point-to-point transmission service (MISO Schedules 7 and 8 or their successors);
- iii. System control and dispatch (MISO Schedule 1 or its successor);
- iv. Reactive supply and voltage control (MISO Schedule 2 or its successor);
- v. MISO Schedules 26, 26A, 26C, 26D, 26E, 26F, 37 and 38 or their successors;
- vi. MISO Schedule 33; and
- vii. MISO Schedules 41, 42-A, 42-B, 45 and 47;

B. Non-MISO costs and revenues associated with:

- i. Network transmission service;
- ii. Point-to-point transmission service;
- iii. System control and dispatch; and
- iv. Reactive supply and voltage control.

E = Costs and revenues for SO<sub>2</sub> and NO<sub>x</sub> emissions allowances in FERC Accounts 411.8, 411.9, and 509, including those associated with hedging.

R = Net insurance recoveries for costs/revenues included in this Rider FAC (and the insurance premiums paid to maintain such insurance), and subrogation recoveries and settlement proceeds related to costs/revenues included in this Rider FAC.

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CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

OSSR = Costs and revenues in FERC Account 447 for:

1. Capacity;
2. Energy;
3. Ancillary services, including:
  - A. Regulating reserve service (MISO Schedule 3, or its successor);
  - B. Energy Imbalance Service (MISO Schedule 4, or its successor);
  - C. Spinning reserve service (MISO Schedule 5, or its successor);
  - D. Supplemental reserve service (MISO Schedule 6, or its successor);
  - E. Ramp capability service; and
  - F. Short-term reserve service;
4. Make-whole payments, including:
  - A. Price volatility; and
  - B. Revenue sufficiency guarantee; ~~and~~
5. Hedging; and
6. System Support Resource:
  - A. MISO Schedule 43K.

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**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.21

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA

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For purposes of factors FC, E, and OSSR, "hedging" is defined as realized losses and costs (including broker commissions and fees associated with the hedging activities) minus realized gains associated with mitigating volatility in the Company's cost of fuel, off-system sales and emission allowances, including but not limited to, the Company's use of futures, options and over-the-counter derivatives including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps.

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CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And  
Thereafter)FAR DETERMINATION (Cont'd.)

Notwithstanding anything to the contrary contained in the tariff sheets for Rider FAC, factors PP and OSSR shall not include costs and revenues for any undersubscribed portion of a permanent Community Solar Program resource allocated to shareholders under the approved stipulation in File No. ER-2021-0240.

Notwithstanding anything to the contrary contained in the tariff sheets for Rider FAC, factors FC, PP and OSSR shall not include costs and revenues for (a) amounts associated with portions of Power Purchase Agreements dedicated to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factor OSSR, (b) amounts associated with generation assets dedicated, as of the date BF was determined, to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factor OSSR, (c) amounts associated with generation assets that began commercial operation after the date BF was determined and that were dedicated to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factors FC, PP, and OSSR when it began commercial operation, (d) for Renewable Energy Standard compliance included in Rider RESRAM, (e) amounts associated with energy purchased from the MISO market to serve digital currency mining by the Company, and (f) those amounts specified by Commission Order approving any tariff, rider or program, to be excluded from Rider FAC. Moreover, if a research and development ("R&D") project would impact the amounts for Factors FC, PP, or OSSR in an upcoming FAR filing, the Company shall file, in the docket in which this Rider FAC was approved, a notice outlining what the research and development project consists of, and how it will impact such factors in the upcoming FAR filing. The Company will bear the burden of proof to show that the impacts of the subject project should be included in Factors FC, PP, or OSSR, as the case may be. Such notice shall be filed no fewer than 60 days prior to the date of the subject FAR filing. Parties shall have thirty days after the filing of the notice to challenge the inclusion of the impacts of such project on such Factors in the determination of the FAR by stating the reasons for the challenge. If a party challenges the inclusion of a cost/revenue, the costs/revenue will be removed from the FAR until the Commission makes a determination regarding the inclusion of the cost/revenue. If the Commission orders a challenged cost be included in the FAC, the costs will be refunded or the revenues returned along with interest in the next periodic adjustment. For purposes of this Rider FAC, a "research and development project" is defined the same as "Research, Development, and Demonstration (RD&D)" as defined in 18 CFR Chapter 1, subchapter C, Part 101, Federal Power Act Definition 32.B, provided that if the project at issue consumes electricity only incidentally, it will not constitute a research and development project.

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Should FERC require any item covered by factors FC, PP, E or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

B = BF x S<sub>AP</sub>

BF = The Base Factor, which is equal to the normalized value for the sum of allowable fuel costs (consistent with the term FC), plus cost of purchased power (consistent with the term PP), and emissions costs and revenues (consistent with the term E), less revenues from off-system sales (consistent with the term OSSR) divided by corresponding normalized retail kWh as adjusted for applicable losses. The normalized values referred to in the prior sentence shall be those values used to determine the revenue requirement in the Company's most recent rate case. The BF applicable to June through September calendar months (BF<sub>SUMMER</sub>) is \$0.~~01439~~ per kWh. The BF applicable to October through May calendar months (BF<sub>WINTER</sub>) is \$0.0132812 per kWh.

S<sub>AP</sub> = kWh during the AP that ended immediately prior to the FAR filing, as measured by taking the most recent kWh data for the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), but excluding kWh for research and development projects, the impact of which are challenged or ordered to be excluded by the Commission, digital currency mining operations by the Company, plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

S<sub>RP</sub> = Applicable RP estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node) but excluding kWh for research and development projects, the impact of which are challenged or ordered to be excluded by the Commission, digital currency mining operations by the Company, plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

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CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

I = Interest applicable to

(i) the difference between ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered;

(ii) refunds due to prudence reviews ("P"), if any; and

(iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings ("TUP") provided for herein.

Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined below.

TUP = True-up amount as defined below.

The FAR, which will be multiplied by the Voltage Adjustment Factors (VAF) set forth below is calculated as:

FAR = The lower of (a) PFAR and (b) RAC.

where:

FAR = Fuel Adjustment Rate applied to retail customer usage on a per kWh basis starting with the applicable Recovery Period following the FAR filing.

FAR<sub>RP</sub> = FAR Recovery Period rate component calculated to recover under- or over-collection during the Accumulation Period that ended immediately prior to the applicable filing.FAR<sub>(RP-1)</sub> = FAR Recovery Period rate component for the under- or over-collection during the Accumulation Period immediately preceding the Accumulation Period that ended immediately prior to the application filing for FAR<sub>RP</sub>.PFAR = The Preliminary FAR, which is the sum of FAR<sub>RP</sub> and FAR<sub>(RP-1)</sub>

RAC = Rate Adjustment Cap: applies to the FAR rate and shall apply so long as the rate caps provided for by Section 393.1655, RSMo. are in effect, and shall be calculated by multiplying the rate as determined under Section 393.1655.4 by the 2.85% Compound Annual Growth Rate compounded for the amount of time in days that has passed since the effective date of rate schedules published to effectuate the Commission's Order that approved the Stipulation and Agreement that resolved File No. ER-2016-0179, and subtracting the then-current RESRAM rate under Rider RESRAM and the average base rate determined

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**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.23

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA

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from the most recent general rate proceeding as calculated pursuant to Section 393.1655, and dividing that result by the weighted average voltage adjustment factor 1.0455%.

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

The Initial Rate Component For the Individual Service Classifications shall be determined by multiplying the FAR determined in accordance with the foregoing by the following Voltage Adjustment Factors (VAF):

Secondary Voltage Service (VAF <sub>SEC</sub> )	1.0539
Primary Voltage Service (VAF <sub>PRI</sub> )	1.0222
High Voltage Service (VAF <sub>HV</sub> )	1.0059
Transmission Voltage Service (VAF <sub>TRANS</sub> )	0.9928

Customers served by the Company under Service Classification No. 11(M), Large Primary Service, shall have their rate capped such that their FAR<sub>LPS</sub> does not exceed RAC<sub>LPS</sub>, where

RAC<sub>LPS</sub> = Rate Adjustment Cap Applicable to LPS Class: applies to the FAR rate applicable to customers in the LPS class and shall apply so long as the rate caps provided for by Section 393.1655, RSMo. are in effect, and shall be calculated by multiplying the class average overall rate as determined under Section 393.1655.6 by the 2.00% Compound Annual Growth Rate compounded for the amount of time that has passed in days since the effective date of rate schedules published to effectuate the Commission's Order that approved the Stipulation and Agreement that resolved File No. ER-2016-0179, and subtracting the then-current RESRAM rate under Rider RESRAM and the class average base rate determined from the most recent general rate proceeding as calculated pursuant to Section 393.1655.

FAR<sub>LPS</sub> = The lesser of (a) the Combined Initial Rate Component for RAC<sub>LPS</sub> Comparison or (b) RAC<sub>LPS</sub>.

Combined Initial Rate Component for RAC<sub>LPS</sub> Comparison = The sum of the products of each of the Primary, High Voltage, and Transmission Initial Rate Components for the Individual Service Classifications and the applicable LPS Weighting Factors(WF):

Primary Voltage LPS Weighting Factor (WF <sub>PRI</sub> )	0.1587
High Voltage LPS Weighting Factor (WF <sub>HV</sub> )	0.3967
Transmission Voltage LPS Weighting Factor (WF <sub>TRANS</sub> )	0.4446

The Weighting Factors are the ratios between each voltage's annual kWh and total annual LPS kWh. The above Combined Initial Rate Component is developed for the purposes of determining if the statutory RAC<sub>LPS</sub> has been exceeded, and if it has, calculating the FAR Shortfall Adder to be applied across all non-LPS service classifications in the immediately concluded AP.

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MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

Where the Combined Initial Rate Component for RAC<sub>LPS</sub> Comparison is greater than FAR<sub>LPS</sub>, then a Per kWh FAR Shortfall Adder shall apply to each of the respective Initial Rate Components to be determined as follows:

Per kWh FAR Shortfall Adder = (((Combined Initial Rate Component For RAC<sub>LPS</sub> Comparison - FAR<sub>LPS</sub>) x SLPS) / (SRP - SRP-LPS))

Where:

SLPS = Estimated Recovery Period LPS kWh sales at the retail meter  
 SRP-LPS = Estimated Recovery Period LPS kwh sales at the Company's MISO CP Node (AMMO.UE or successor node)

The FAR Applicable to the Non-LPS Individual Service Classifications shall be determined as follows:

FARSEC = Initial Rate Component For Secondary Customers + (Per kWh FAR Shortfall Adder x VAFSEC)  
 FARPRI = Initial Rate Component For Primary Customers + (Per kWh FAR Shortfall Adder x VAFPRI)  
 FARHV = Initial Rate Component For High Voltage Customers + (Per kWh FAR Shortfall Adder x VAFHV)  
 FARTRANS = Initial Rate Component For Transmission Customers + (Per kWh FAR Shortfall Adder x VAFTRANS)

The FAR Applicable to the LPS Individual Service Classifications shall be determined as follows:

LPSFARPRI = Initial Rate Component For Primary Customers x LPS RAC Cap Multiplier  
 LPSFARHV = Initial Rate Component For High Voltage Customers x LPS RAC Cap Multiplier  
 LPSFARTRANS = Initial Rate Component For Transmission Customers x LPS RAC Cap Multiplier

Where the LPS RAC Cap Multiplier is the FAR<sub>LPS</sub> divided by the Combined Initial Rate Component for RAC<sub>LPS</sub> Comparison.

The FAR applicable to the individual Service Classifications, including the calculations on Lines 24 through 29 of Rider FAC, shall be rounded to the nearest \$0.00001 to be charged on a \$/kWh basis for each applicable kWh billed.

TRUE-UP

After completion of each RP, the Company shall make a true-up filing on the same day as its FAR filing. Any true-up adjustments shall be reflected in TUP above. Interest on the true-up adjustment will be included in I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the RP.

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

GENERAL RATE CASE/PRUDENCE REVIEWS

The following shall apply to this FAC, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Commission order implementing or continuing this FAC. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this FAC, or any period for which charges hereunder must be fully refunded. In the event a court determines that this FAC is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this FAC to file such a rate case.

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

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APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**  
**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)**

**FAC CHARGE TYPE TABLE**

**MISO Energy & Operating Reserve Market Settlement Charge Types and Capacity Market Charges and Credits**

DA Asset Energy Amount;	RT Asset Energy Amount;
DA Congestion Rebate on Carve-out GFA;	RT Congestion Rebate on Carve-out GFA;
DA Congestion Rebate on Option B GFA;	RT Contingency Reserve Deployment Failure Charge Amount;
DA Financial Bilateral Transaction Congestion Amount;	RT Demand Response Allocation Uplift Charge;
DA Financial Bilateral Transaction Loss Amount;	RT Distribution of Losses Amount;
DA Loss Rebate on Carve-out GFA;	RT Excessive Energy Amount;
DA Loss Rebate on Option B GFA;	RT Excessive\Deficient Energy Deployment Charge Amount;
DA Non-Asset Energy Amount;	RT Financial Bilateral Transaction Congestion Amount;
DA Ramp Capability Amount;	RT Financial Bilateral Transaction Loss Amount;
DA Regulation Amount;	RT Loss Rebate on Carve-out GFA;
DA Revenue Sufficiency Guarantee Distribution Amount;	RT Miscellaneous Amount;
DA Revenue Sufficiency Guarantee Make Whole Payment Amount;	RT Ramp Capability Amount;
DA Short-term Reserve Amount;	Real Time MVP Distribution;
DA Spinning Reserve Amount;	RT Net Inadvertent Distribution Amount;
DA Supplemental Reserve Amount;	RT Net Regulation Adjustment Amount;
DA Virtual Energy Amount;	RT Non-Asset Energy Amount;
FTR Annual Transaction Amount;	RT Non-Excessive Energy Amount;
FTR ARR Revenue Amount;	RT Price Volatility Make Whole Payment;
FTR ARR Stage 2 Distribution;	RT Regulation Amount;
FTR Full Funding Guarantee Amount;	RT Regulation Cost Distribution Amount;
FTR Guarantee Uplift Amount;	RT Resource Adequacy Auction Amount;
FTR Hourly Allocation Amount;	RT Revenue Neutrality Uplift Amount;
FTR Infeasible ARR Uplift Amount;	RT Revenue Sufficiency Guarantee First Pass Dist Amount;
FTR Monthly Allocation Amount;	RT Revenue Sufficiency Guarantee Make Whole Payment Amount;
FTR Monthly Transaction Amount;	RT Schedule 49 Distribution;
FTR Yearly Allocation Amount;	RT Short-term Reserve Amount;
FTR Transaction Amount;	RT Spinning Reserve Amount;
	RT Spinning Reserve Cost Distribution Amount;
	RT Supplemental Reserve Amount;
	RT Supplemental Reserve Cost Distribution Amount;
	RT Virtual Energy Amount;
	Short-term Reserve Cost Distribution Amount;
	Short-term <del>Reserve</del> Reserve Deployment Failure Charge Amount;

**MISO Transmission Service Settlement Schedules**

MISO Schedule 1 (System control & dispatch);	MISO Schedule 41 (Charge to Recover Costs of Entergy Strom Securitization);
MISO Schedule 2 (Reactive supply & voltage control);	MISO Schedule 42A (Entergy Charge to Recover Interest);
MISO Schedule 7 & 8 (point to point transmission service);	MISO Schedule 42B (Entergy Credit associated with AFUDC);
MISO Schedule 9 (network transmission service);	
<del>MISO Schedule 11 (Wholesale Distribution)</del>	
MISO Schedules 26, 26A, 37 & 38 (MTEP & MVP Cost Recovery);	MISO Schedule 45 (Cost Recovery of NERC Recommendation or Essential Action);
MISO Schedules 26-C & 26-D - (TMEP Cost Recovery);	
MISO Schedules 26-E & 26-F (IMEP Cost Recovery);	MISO Schedule 47 (Entergy Operating Companies MISO Transition Cost Recovery);
MISO Schedule 33 (Black Start Service);	

**MISO Charge Types Which Appear On MISO Settlement Statements Represent Administrative Charges And Are Specifically Excluded From The FAC**

DA Market Administration Amount;	RT Market Administration Amount;
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Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240.

DATE OF ISSUE February 14, 2022 DATE EFFECTIVE February 28, 2022

ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6

Original

SHEET NO. 71.27

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA**

DA Schedule 24 Allocation Amount;

RT Schedule 24 Allocation Amount;

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ~~ER-2021-0240~~.

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NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6

Original

SHEET NO. 71.27

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA**

FTR Market Administration Amount;  
Schedule 10 - ISO Cost Recovery Adder;

RT Schedule 24 Distribution Amount;  
Schedule 10 - FERC - Annual Charges Recovery;

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Chairman & President  
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St. Louis, Missouri  
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APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**  
**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)**  
**FAC CHARGE TYPE TABLE (Cont'd.)**

**PJM Market Settlement Charge Types**

Auction Revenue Rights;  
 Balancing Operating Reserve;  
 Balancing Operating Reserve for Load Response;  
  
 Balancing Spot Market Energy;  
 Balancing Transmission Congestion;  
 Balancing Transmission Losses;  
 Capacity Resource Deficiency;  
 Capacity Transfer Rights;  
 Day-ahead Economic Load Response;  
 Day-Ahead Load Response Charge Allocation;  
 Day-ahead Operating Reserve;  
 Day-ahead Operating Reserve for Load Response;  
 Day-ahead Spot Market Energy;  
 Day-ahead Transmission Congestion;  
 Day-ahead Transmission Losses;  
 Demand Resource and ILR Compliance Penalty;  
 Emergency Energy;  
 Emergency Load Response;  
 Energy Imbalance Service;  
 Financial Transmission Rights Auction;  
 Generation Deactivation;  
 Generation Resource Rating Test Failure;  
 Inadvertent Interchange;  
 Incremental Capacity Transfer Rights;  
 Interruptible Load for Reliability;

Load Reconciliation for Inadvertent Interchange;  
 Load Reconciliation for Operating Reserve Charge;  
 Load Reconciliation for Regulation and Frequency Response Service;  
 Load Reconciliation for Spot Market Energy;  
 Load Reconciliation for Synchronized Reserve;  
 Load Reconciliation for Synchronous Condensing;  
 Load Reconciliation for Transmission Congestion;  
 Load Reconciliation for Transmission Losses;  
 Locational Reliability;  
 Miscellaneous Bilateral;  
 Non-Unit Specific Capacity Transaction;  
 Peak Season Maintenance Compliance Penalty;  
 Peak-Hour Period Availability;  
 PJM Customer Payment Default;  
 Planning Period Congestion Uplift;  
 Planning Period Excess Congestion;  
 Ramapo Phase Angle Regulators;  
 Real-time Economic Load Response;  
 Real-Time Load Response Charge Allocation;  
 Regulation and Frequency Response Service;  
 RPM Auction;  
 Station Power;  
 Synchronized Reserve;  
 Synchronous Condensing;  
 Transmission Congestion;  
 Transmission Losses;

**PJM Transmission Service Charge Types**

Black Start Service;  
 Day-ahead Scheduling Reserve;  
 Direct Assignment Facilities;  
 Expansion Cost Recovery;  
 Firm Point-to-Point Transmission Service;  
 Internal Firm Point-to-Point Transmission Service;  
 Internal Non-Firm Point-to-Point Transmission Service;  
 Load Reconciliation for PJM Scheduling, System Control and Dispatch Service;  
 Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund;  
 Load Reconciliation for Reactive Services;  
 Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service;  
 Network Integration Transmission Service;  
 Network Integration Transmission Service (exempt);

Network Integration Transmission Service Offset;  
 Non-Firm Point-to-Point Transmission Service;  
 Non-Zone Network Integration Transmission Service;  
 Other Supporting Facilities;  
 PJM Scheduling, System Control and Dispatch Service Refunds;  
 PJM Scheduling, System Control and Dispatch Services;  
 Qualifying Transmission Upgrade Compliance Penalty;  
 Reactive Supply and Voltage Control from Generation and Other Sources Service;  
 Transmission Enhancement;  
 Transmission Owner Scheduling, System Control and Dispatch Service;  
 Unscheduled Transmission Service;  
 Reactive Services;

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St. Louis, Missouri  
 ADDRESS



RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

PJM Charge Types Which Appear On The Settlement Statements Represent Administrative Charges Are Specifically Excluded From The FAC

Annual PJM Building Rent;	Michigan - Ontario Interface Phase Angle Regulators;
Annual PJM Cell Tower;	North American Electric Reliability Corporation
FERC Annual Charge Recovery;	(NERC);
Load Reconciliation for FERC Annual Charge Recovery;	Organization of PJM States, Inc. (OPSI) Funding;
Load Reconciliation for North American Electric	PJM Annual Membership Fee;
Reliability Corporation (NERC);	PJM Settlement, Inc.;
Load Reconciliation for Organization of PJM States,	Reliability First Corporation (RFC);
Inc. (OPSI) Funding;	RTO Start-up Cost Recovery;
Load Reconciliation for Reliability First	Virginia Retail Administrative Fee;
Corporation (RFC);	
Market Monitoring Unit (MMU) Funding;	

SPP Market Settlement Charge Types

DA Asset Energy Amount;	Transmission Congestion Rights Annual Closeout
DA Non-Asset Energy Amount;	Auction Revenue Rights Uplift
DA Make-Whole Payment Distribution;	Auction Revenue Rights Monthly Payback
DA Make-Whole Payment;;	Auction Revenue Rights Annual Payback
DA Virtual Energy;	DA Regulation Up
DA Virtual Energy Transaction Fee;	DA Regulation Down
DA Demand Reduction Amount;	DA Regulation Up Distribution
DA Demand Reduction Distribution Amount;	DA Regulation Down Distribution
DA GFA Carve-Out Daily Amount;	DA Spinning Reserve
DA GFA Carve-Out Monthly Amount;	DA Spinning Reserve Distribution
DA GFA Carve-Out Yearly Amount;	DA Supplemental Reserve
GFA Carve Out Distribution Daily Amount;	DA Supplemental Reserve Distribution
GFA Carve Out Distribution Monthly Amount;	RT Regulation Up
GFA Carve Out Distribution Yearly Amount;	RT Regulation Up Distribution
RT Asset Energy Amount	RT Regulation Down
RT Over Collected Losse;s Distribution;	RT Regulation Down Distribution
RT Miscellaneous Amount;	RT Regulation Out of Merit
RT Non-Asset Energy;	RT Spinning Reserve Amount
RT Revenue Neutrality Uplift;	RT Supplemental Reserve Amount
RT Joint Operating Agreement;	RT Spinning Reserve Cost Distribution Amount
RUC Make Whole Payment Distribution;	RT Supplemental Reserve Distribution Amount
RUC Make Whole Payment;	RT Regulation Non-Performance
RT Virtual Energy Amount;	RT Regulation Non-Performance Distribution
RT Demand Reduction Amount;	RT Regulation Deployment Adjustment;
RT Demand Reduction Distribution Amount;	RT Contingency Reserve Deployment Failure
Transmission Congestion Rights Daily Uplift;	RT Contingency Reserve Deployment Failure Distribution;
Transmission Congestion Rights Monthly Payback;	RT Reserve Sharing Group;
Transmission Congestion Rights Auction Transaction;	RT Reserve Sharing Group Distribution;
Transmission Congestion Rights Annual Payback;	RT Pseudo-Tie Congestion Amount;
Transmission Congestion Rights Funding;	RT Pseudo-Tie Losses Amount;
Auction Revenue Rights Annual Closeout;	RT Unused Regulation -Up Mileage Make Whole Payment;
Auction Revenue Rights Funding;	RT Ramp Capability Up Amount;
DA Remp Capability Up Amount;	RT Ramp Capability Down Amount;
DA Ramp Capability Down Amount;	RT Ramp Capability Up Distribution Amount;
DA Ramp Capability Up Distribution Amount;	RT Ramp Capability Down Distribution Amount;
DA Ramp Capability Down Distribution Amount;	RT Ramp Capability Non-Performance Distribution
	Amount;
RT Ramp Capability Non-Performance Amount;	
	RT Unused Regulation -Down Mileage Make Whole Payment;

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ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6

Original

SHEET NO. 71.29

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA**

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

SPP Transmission Service Charge Types

- Schedule 1 - Scheduling, System Control & Dispatch Service;
- Schedule 2 - Reactive Voltage;
- Schedule 7 - Zonal Firm Point-to-Point;
- Schedule 8 - Zonal Non-Firm Point-to-Point;
- Schedule 11 - Base Plan Zonal and Regional;

SPP charge types representing administrative charges specifically excluded from the FAC

- Schedule 1A - Tariff Administrative Fee;
- Schedule 1A2 - Transmission Congestion\* Rights Administration
- Schedule 1A3 - Integrated Marketplace Clearing Administration
- Schedule 1A4 - Integrated Marketplace Facilitation Administration
- Schedule 12 - FERC Assessment;

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ADDRESS

AMEREN MISSOURI

ELECTRIC DIVISION

SUMMARY OF ESTIMATED NET SALVAGE PERCENT AND ANNUAL DEPRECIATION RATES

ACCOUNT	DEPRECIABLE GROUP	PROBABLE RETIREMENT YEAR	NET SALVAGE PERCENT	DEPRECIATION RATE
<b>STEAM PRODUCTION PLANT</b>				
<i>MERAMEC STEAM PRODUCTION PLANT</i>				
311	STRUCTURES AND IMPROVEMENTS	12-2022	0	10.90
312	BOILER PLANT EQUIPMENT	12-2022	0	10.37
314	TURBOGENERATOR UNITS	12-2022	0	5.92
315	ACCESSORY ELECTRIC EQUIPMENT	12-2022	0	13.75
316	MISCELLANEOUS POWER PLANT EQUIPMENT	12-2022	0	27.91
316.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE		0	5.00
316.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT		0	6.67
316.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS		0	20.00
<i>SIOUX STEAM PRODUCTION PLANT</i>				
311.00	STRUCTURES AND IMPROVEMENTS	12-2030	(1)	5.89
312.00	BOILER PLANT EQUIPMENT	12-2030	(2)	7.00
314.00	TURBOGENERATOR UNITS	12-2030	(1)	6.27
315.00	ACCESSORY ELECTRIC EQUIPMENT	12-2030	(1)	7.09
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT	12-2030	0	8.50
316.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE			5.00
316.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT			6.67
316.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS			20.00
<i>LABADIE STEAM PRODUCTION PLANT</i>				
311.00	STRUCTURES AND IMPROVEMENTS	12-2042	(1)	3.33
312.00	BOILER PLANT EQUIPMENT	12-2042	(5)	3.90
312.03	BOILER PLANT EQUIPMENT - ALUMINUM COAL CARS		25	0.14
314.00	TURBOGENERATOR UNITS	12-2042	(2)	2.97
315.00	ACCESSORY ELECTRIC EQUIPMENT	12-2042	(2)	3.08
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT	12-2042	(1)	4.12
316.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE			5.00
316.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT			6.67
316.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS			20.00
<i>RUSH ISLAND STEAM PRODUCTION PLANT</i>				
311.00	STRUCTURES AND IMPROVEMENTS	12-2039	(1)	3.56
312.00	BOILER PLANT EQUIPMENT	12-2039	(4)	4.12
314.00	TURBOGENERATOR UNITS	12-2039	(2)	3.46
315.00	ACCESSORY ELECTRIC EQUIPMENT	12-2039	(2)	3.58
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT	12-2039	(1)	5.61
316.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE			5.00
316.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT			6.67
316.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS			20.00
<i>COMMON - ALL STEAM PLANTS</i>				
311.00	STRUCTURES AND IMPROVEMENTS	05-2025	0	15.07
312.00	BOILER PLANT EQUIPMENT	05-2025	(2)	13.13
315.00	ACCESSORY ELECTRIC EQUIPMENT	05-2025	(1)	14.91
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT	05-2025	0	16.07
<b>NUCLEAR PRODUCTION PLANT</b>				
<i>CALLAWAY NUCLEAR PRODUCTION PLANT</i>				
321.00	STRUCTURES AND IMPROVEMENTS	10-2044	(1)	1.37
322.00	REACTOR PLANT EQUIPMENT	10-2044	(3)	2.51
323.00	TURBOGENERATOR UNITS	10-2044	(4)	2.45
324.00	ACCESSORY ELECTRIC EQUIPMENT	10-2044	(1)	1.57
325.00	MISCELLANEOUS POWER PLANT EQUIPMENT	10-2044	0	5.32
325.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE			5.00
325.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT			6.67
325.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS			20.00
<b>HYDRAULIC PRODUCTION PLANT</b>				
<i>OSAGE HYDRAULIC PRODUCTION PLANT</i>				
331.00	STRUCTURES AND IMPROVEMENTS	06-2047	(2)	3.49
332.00	RESERVOIRS, DAMS, AND WATERWAYS	06-2047	(1)	2.94

AMEREN MISSOURI

ELECTRIC DIVISION

SUMMARY OF ESTIMATED NET SALVAGE PERCENT AND ANNUAL DEPRECIATION RATES

ACCOUNT	DEPRECIABLE GROUP	PROBABLE RETIREMENT YEAR	NET SALVAGE PERCENT	DEPRECIATION RATE
333.00	WATER WHEELS, TURBINES, AND GENERATORS	06-2047	(7)	2.86
334.00	ACCESSORY ELECTRIC EQUIPMENT	06-2047	(1)	2.97
335.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2047	0	4.27
335.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE		0	5.00
335.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT		0	6.67
335.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS		0	20.00
336.00	ROADS, RAILROADS, AND BRIDGES	06-2047	0	-
<i>KEOKUK HYDRAULIC PRODUCTION PLANT</i>				
331.00	STRUCTURES AND IMPROVEMENTS	06-2055	(2)	2.71
332.00	RESERVOIRS, DAMS, AND WATERWAYS	06-2055	(1)	2.25
333.00	WATER WHEELS, TURBINES, AND GENERATORS	06-2055	(9)	2.76
334.00	ACCESSORY ELECTRIC EQUIPMENT	06-2055	(1)	2.53
335.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2055	0	2.97
335.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE		0	5.00
335.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT		0	6.67
335.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS		0	20.00
336.00	ROADS, RAILROADS, AND BRIDGES	06-2055	0	1.14
<i>TAUM SAUK HYDRAULIC PRODUCTION PLANT</i>				
331.00	STRUCTURES AND IMPROVEMENTS	06-2089	(5)	1.38
332.00	RESERVOIRS, DAMS, AND WATERWAYS	06-2089	(3)	2.40
333.00	WATER WHEELS, TURBINES, AND GENERATORS	06-2089	(23)	1.98
334.00	ACCESSORY ELECTRIC EQUIPMENT	06-2089	(3)	1.70
335.00	MISCELLANEOUS POWER PLANT EQUIPMENT	06-2089	0	2.05
335.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE		0	5.00
335.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT		0	6.67
335.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS		0	20.00
336.00	ROADS, RAILROADS, AND BRIDGES	06-2089	0	1.25
<b>WIND PRODUCTION PLANT</b>				
<i>HIGH PRAIRIE WIND PRODUCTION PLANT</i>				
341.40	STRUCTURES AND IMPROVEMENTS	06-2050	0	3.48
344.40	GENERATORS - WIND	06-2050	(1)	3.66
345.40	ACCESSORY ELECTRIC EQUIPMENT - WIND	06-2050	(1)	3.66
346.40	MISCELLANEOUS POWER PLANT EQUIPMENT - WIND	06-2050	0	2.63
<i>ATCHISON WIND PRODUCTION PLANT</i>				
341.40	STRUCTURES AND IMPROVEMENTS	06-2051	0	3.37
344.40	GENERATORS - WIND	06-2051	(1)	3.58
345.40	ACCESSORY ELECTRIC EQUIPMENT - WIND	06-2051	(1)	3.54
346.40	MISCELLANEOUS POWER PLANT EQUIPMENT - WIND	06-2051	0	2.36
<b>SOLAR PRODUCTION PLANT</b>				
341.20	STRUCTURES AND IMPROVEMENTS - SOLAR		0	4.03
344.20	GENERATORS - SOLAR		0	5.13
345.20	ACCESSORY ELECTRIC EQUIPMENT - SOLAR		0	4.03
346.20	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR		0	4.95
<b>OTHER PRODUCTION PLANT</b>				
341.00	STRUCTURES AND IMPROVEMENTS		(5)	2.43
342.00	FUEL HOLDERS, PRODUCERS, AND ACCESSORIES		(5)	2.04
GENERATORS				
344.00	OTHER CTS		(5)	1.64
344.10	MARYLAND HEIGHTS LANDFILL CTG		40	0.83
345.00	ACCESSORY ELECTRIC EQUIPMENT		(5)	1.68
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT		0	1.68
346.21	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE FURNITURE		0	5.00
346.22	MISCELLANEOUS POWER PLANT EQUIPMENT - OFFICE EQUIPMENT		0	6.67
346.23	MISCELLANEOUS POWER PLANT EQUIPMENT - COMPUTERS		0	20.00
346.40	MISCELLANEOUS POWER PLANT EQUIPMENT - WIND - OTHER		0	2.60

AMEREN MISSOURI

ELECTRIC DIVISION

SUMMARY OF ESTIMATED NET SALVAGE PERCENT AND ANNUAL DEPRECIATION RATES

<u>ACCOUNT</u>	<u>DEPRECIABLE GROUP</u>	<u>PROBABLE RETIREMENT YEAR</u>	<u>NET SALVAGE PERCENT</u>	<u>DEPRECIATION RATE</u>
<b>TRANSMISSION PLANT</b>				
352.00	STRUCTURES AND IMPROVEMENTS		(5)	1.59
353.00	STATION EQUIPMENT		(10)	1.88
354.00	TOWERS AND FIXTURES		(50)	2.78
355.00	POLES AND FIXTURES		(100)	3.39
356.00	OVERHEAD CONDUCTORS AND DEVICES		(40)	1.82
359.00	ROADS AND TRAILS		0	-
<b>DISTRIBUTION PLANT</b>				
361.00	STRUCTURES AND IMPROVEMENTS		(5)	1.74
362.00	STATION EQUIPMENT		(10)	1.83
364.00	POLES AND FIXTURES		(150)	3.78
365.00	OVERHEAD CONDUCTORS AND DEVICES		(50)	2.26
366.00	UNDERGROUND CONDUIT		(50)	2.12
367.00	UNDERGROUND CONDUCTORS AND DEVICES		(40)	2.58
368.00	LINE TRANSFORMERS		0	1.98
369.01	OVERHEAD SERVICES		(170)	3.28
369.02	UNDERGROUND SERVICES		(90)	2.43
370.00	METERS	12-2024	(5)	23.80
370.01	AMI METERS		(5)	5.35
371.00	INSTALLATIONS ON CUSTOMERS' PREMISES		0	1.23
373.00	STREET LIGHTING AND SIGNAL SYSTEMS		(30)	2.47
<b>GENERAL PLANT</b>				
390.00	STRUCTURES AND IMPROVEMENTS			
	MISCELLANEOUS STRUCTURES - OLD		(10)	4.07
	LARGE STRUCTURES		(10)	2.32
390.05	STRUCTURES AND IMPROVEMENTS - TRAINING ASSETS		0	-
391.00	OFFICE FURNITURE AND EQUIPMENT - FURNITURE		0	5.00
391.20	OFFICE FURNITURE AND EQUIPMENT - PERSONAL COMPUTERS		0	20.00
391.30	OFFICE FURNITURE AND EQUIPMENT - EQUIPMENT		0	6.67
392.00	TRANSPORTATION EQUIPMENT		15	5.88
392.05	TRANSPORTATION EQUIPMENT - TRAINING ASSETS		0	-
393.00	STORES EQUIPMENT		0	5.00
394.00	TOOLS, SHOP, AND GARAGE EQUIPMENT		0	5.00
394.05	TOOLS, SHOP, AND GARAGE EQUIPMENT - TRAINING ASSETS		0	-
395.00	LABORATORY EQUIPMENT		0	5.00
396.00	POWER OPERATED EQUIPMENT		15	6.45
397.00	COMMUNICATION EQUIPMENT		0	6.67
397.05	COMMUNICATION EQUIPMENT - TRAINING ASSETS		0	-
398.00	MISCELLANEOUS EQUIPMENT		0	5.00

**NOTES: NEW ADDITIONS FOR LARGE WIND FARM FACILITIES WILL HAVE THE FOLLOWING RATES:**

<u>ACCOUNT</u>	<u>DESCRIPTION</u>	<u>NET SALVAGE PERCENT</u>	<u>ACCRUAL RATE</u>
341.40	STRUCTURES AND IMPROVEMENTS	0	3.47
344.40	GENERATORS	0	3.67
345.40	ACCESSORY ELECTRIC EQUIPMENT	0	3.67
346.40	MISCELLANEOUS POWER PLANT EQUIPMENT	0	3.63

**NEW ADDITIONS FOR SMALLER WIND FARM FACILITIES WILL HAVE THE FOLLOWING RATES:**

<u>ACCOUNT</u>	<u>DESCRIPTION</u>	<u>NET SALVAGE PERCENT</u>	<u>ACCRUAL RATE</u>
341.40	STRUCTURES AND IMPROVEMENTS	0	4.15
344.40	GENERATORS	0	4.34
345.40	ACCESSORY ELECTRIC EQUIPMENT	0	4.32
346.40	MISCELLANEOUS POWER PLANT EQUIPMENT	0	4.22

AMEREN MISSOURI

ELECTRIC DIVISION

SUMMARY OF ESTIMATED NET SALVAGE PERCENT AND ANNUAL DEPRECIATION RATES

<u>ACCOUNT</u>	<u>DEPRECIABLE GROUP</u>	<u>PROBABLE RETIREMENT YEAR</u>	<u>NET SALVAGE PERCENT</u>	<u>DEPRECIATION RATE</u>
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NEW ADDITIONS FOR LARGE SOLAR GENERATION FACILITIES WILL HAVE THE FOLLOWING

<u>ACCOUNT</u>	<u>DESCRIPTION</u>		<u>NET SALVAGE PERCENT</u>	<u>ACCRUAL RATE</u>
341.20	STRUCTURES AND IMPROVEMENTS		0	3.47
344.20	GENERATORS		0	3.89
345.20	ACCESSORY ELECTRIC EQUIPMENT		0	3.83
346.20	MISCELLANEOUS POWER PLANT EQUIPMENT		0	3.82

NEW ADDITIONS FOR ENERGY STORAGE EQUIPMENT AND SURGE PROTECTORS WILL HAV

<u>ACCOUNT</u>	<u>DESCRIPTION</u>		<u>NET SALVAGE PERCENT</u>	<u>ACCRUAL RATE</u>
348.00	ENERGY STORAGE EQUIPMENT		0	10.00
351.00	ENERGY STORAGE EQUIPMENT		0	10.00
363.00	STORAGE BATTERY EQUIPMENT		0	10.00
370.20	METERS - SURGE PROTECTION DEVICES		0	6.85