

**BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI**

In the Matter of the Tariff Filings of Union             )  
Electric Company, d/b/a Ameren Missouri, to             )             Case No. ER-2014-0258  
Increase Its Revenues for Retail Electric Service.       )

**NON-UNANIMOUS STIPULATION AND AGREEMENT  
REGARDING SOME FUEL ADJUSTMENT CLAUSE ISSUES**

As a result of discussions among Union Electric Company d/b/a Ameren Missouri (“Ameren Missouri”) and the Office of the Public Counsel (“OPC”) (collectively “the Signatories”) hereby submit to the Missouri Public Service Commission (“Commission”) for its consideration and approval this Non-Unanimous Stipulation and Agreement Regarding Some Fuel Adjustment Clause Issues (“Stipulation”). The Signatories agree:

1) This Stipulation resolves entirely all issues between Ameren Missouri and OPC relating to the Company’s fuel adjustment clause (“FAC”). Those issues are listed as Issues 30.A through 30.C and Issue 30.E.1 through 30.E.2 on the *Amended Joint List of Issues, List and Order of Witnesses, Order of Cross-Examination, and Order of Opening Statements*, filed by the Staff on February 19, 2014 (“Issues List”).<sup>1</sup> The only remaining issues relating to the FAC are those between Ameren Missouri and the Missouri Industrial Energy Consumers (“MIEC”) relating to transmission charges and revenues, as described in Issues 30.D and 30.E.3 on the Issues List. OPC agrees that it will offer no evidence or argument, through cross-examination of witnesses or otherwise, on Issues 30.D and 30.E.3.

2) Subject to any modifications required as a result of the Commission’s final resolution of Issues 4.D, 30.D and 30.E.3 on the Issues List, the Signatories agree that the Company’s FAC should be continued and that its terms should be reflected in the exemplar tariff

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<sup>1</sup> The *Non-Unanimous Stipulation and Agreement Regarding Class Kilo-Watt Hours, Revenues and Billing Determinants, Net Base Energy Costs, and Fuel Adjustment Clause Tariff Sheets* indicates that OPC’s FAC-related issues are not resolved. This Stipulation supercedes any such reservation of OPC’s FAC-related issues.

sheets attached hereto as Exhibit A. Exhibit A shows all changes agreed upon by the Signatories as compared to the currently-in-effect FAC tariff sheets, which were approved by the Commission in Case No. ER-2012-0166, and which took effect on January 2, 2013.<sup>2</sup>

3) The Signatories agree that they will meet at a mutually agreeable time and location no later than May 30, 2015 in order to discuss OPC's requests that the Company provide additional description of all of the Company's accounts,<sup>3</sup> subaccounts and activity codes<sup>4</sup> used in the Company's monthly FAC reports beyond the descriptions currently included in each of the Company's monthly FAC reports, it being the intent of the Signatories to reasonably and in good faith work to agree upon additional descriptions of the costs and revenues that are included in the FAC, by account, subaccount and activity code. The Company will file the agreed-upon account, subaccount and activity code descriptions in this docket by August 1, 2015.

4) This Stipulation is being entered into for the purpose of disposing of the issues that are specifically addressed in this Stipulation. In presenting this Stipulation, none of the Signatories shall be deemed to have approved, accepted, agreed, consented, or acquiesced to any ratemaking principle or procedural principle, including, without limitation, any method of cost or revenue determination or cost allocation or revenue related methodology, and none of the Signatories shall be prejudiced or bound in any manner by the terms of this Stipulation (whether it is approved or not) in this or any other proceeding, other than a proceeding limited to enforce the terms of this Stipulation, except as otherwise expressly specified herein. More specifically, no Signatory will, in this case or in any subsequent proceeding, argue or otherwise claim or

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<sup>2</sup> Tariff Sheet 73.9 is a blank calculation sheet, the values in which are changed each time the Fuel Adjustment Rate is changed. No values are listed in Sheet 73.9 included in Exhibit A.

<sup>3</sup> References to "accounts" are to the Uniform System of Accounts for Electric Utilities issued by the Federal Energy Regulatory Commission. The Company does not establish accounts, but does establish subaccounts and activity codes when it believes it is warranted.

<sup>4</sup> The Company uses the terms "subaccounts" and "minor accounts" synonymously. The Company may from time-to-time change, add, or eliminate a subaccount or activity code. Additions, changes or eliminations will be reflected in revised Appendices to the Company's monthly FAC reports.

contend that a Signatory's decision to compromise or settle an issue or sub-issue settled herein suggests, indicates, proves, or implies that a Signatory's position on such issues or sub-issues or on any other issue in this or in another proceeding lacks merit, nor shall any Signatory argue that such compromise and settlement in any way supports a Signatory's position on an issue or sub-issue in this or any other proceeding.

5) This Stipulation has resulted from extensive negotiations and the terms hereof are interdependent. If the Commission does not approve this Stipulation without modification, then the Stipulation shall be void and no Signatory shall be bound by any of the agreements or provisions herein.

6) If the Commission does not unconditionally approve this Stipulation 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 536.080, RSMo 2000 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.

7) If the Commission unconditionally accepts the specific terms of this Stipulation without modification, the Signatories waive, with respect to the issues resolved herein: their respective rights (1) to call, examine, and cross-examine witnesses pursuant to Section 536.070(2), RSMo 2000; (2) to present oral argument and/or written briefs pursuant to Section

536.080.1, RSMo 2000; (3) to seek rehearing pursuant to Section 386.500, RSMo 2000; and (4) to judicial review pursuant to Section 386.510, RSMo 2000. 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. This Stipulation and its Exhibits contain the entire agreement of the parties concerning the issues addressed herein. The pre-filed testimonies of Lynn M. Barnes, Jesse Francis, Jeffrey Jones and Lena Mantle shall be admitted to the record without the necessity of those witnesses taking the witness stand

8) This Stipulation does not constitute a contract with the Commission. 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. 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.

9) If the Commission has questions for the Signatories' witnesses or Signatories, the Signatories will make available, at any on-the-record session, their witnesses and attorneys on the issues resolved by this Stipulation, so long as all Signatories have had adequate notice of that session. The Signatories agree to cooperate in presenting this Stipulation to the Commission for approval, and will take no action, direct or indirect, in opposition to the request for approval of this Stipulation.

**WHEREFORE**, the Signatories respectfully request the Commission to issue an Order in this case approving this Stipulation.

**/s/ James B. Lowery**

**James B. Lowery, Mo. Bar #40503**

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**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a true and correct copy of the foregoing document was served on all parties of record via electronic mail (e-mail) on this 6th day of March, 2015.

**/s/James B. Lowery**

James B. Lowery

EXHIBIT A

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

1st Revised SHEET NO. 73

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

Original SHEET NO. 73

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE

(Applicable To Service Provided On January XXXXXX 2X, 2013-201X 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), 7(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 billing months during which the FAR is applied to retail customer usage on a per kWh basis, as adjusted for service voltage.

The Company will make a FAR filing no later than sixty (60) days prior to the first billing cycle read date 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.

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.

DATE OF ISSUE July 3, 2014 DATE EFFECTIVE August 2, 2014

ISSUED BY Michael Moehn President & CEO St. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 73.1

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 ~~January 2, 2013~~ XXXXXX X, 201X And Thereafter)FAR DETERMINATION (Cont'd.)For each FAR filing made, the FAR<sub>RP</sub> is calculated as:

$$\text{FAR}_{\text{RP}} = [(\text{ANEC} - \text{B}) \times 95\% + \text{I} \pm \text{P} \pm \text{T}] / \text{S}_{\text{RP}}$$

Where:

ANEC = FC + PP + E - OSSR

FC = Fuel costs and revenues associated with the Company's generating plants. These consist of the following:

## 1. For fossil fuel plants:

- A. the following costs and revenues (including applicable taxes) reflected in Federal Energy Regulatory Commission (FERC) Account 501 for: coal commodity, gas, alternative fuels, fuel additives, 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, oil costs, ash disposal costs and revenues, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and
- 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 reflected in FERC Account 547, excluding fuel costs related to the Company's landfill gas generating plant known as Maryland Heights Energy Center. ~~for:~~ Such costs and revenues include 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; and

2. ~~Costs~~ The following costs and revenues in FERC Account 518 (Nuclear Fuel Expense), ~~including~~ for: nuclear fuel commodity ~~and expense,~~ waste disposal expense, and nuclear fuel hedging costs.

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

1. ~~Costs~~ The following costs and revenues for purchased power reflected in FERC ~~Accounts~~ Account 555 and 575, excluding all charges under Midwest Independent Transmission System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and excluding generation capacity charges for contracts with terms in excess of one (1) year. Such costs and revenues include:

Indicates Change.DATE OF ISSUE July 3, 2014 DATE EFFECTIVE August 2, 2014ISSUED BY Michael Moehn President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS



## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 73.2

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 ~~January 2, 2013~~ XXXXXXXX X, 201X And Thereafter)FAR DETERMINATION (Cont'd.)

- 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 ~~including:~~
    - 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, ~~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); and
    - d. Supplemental reserve service (MISO Schedule 6, or its successor); and
  - ix. Demand response, ~~including:~~
    - a. Demand response allocation uplift; and
    - b. Emergency demand response cost allocation (MISO Schedule 30, or its successor);
- 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 such capacity is acquired for a term of one (1) year or less; and

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NAME OF OFFICER TITLE ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 73.3

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 ~~January 2, 2013~~ XXXXXXXX X, 201X And Thereafter)FAR DETERMINATION (Cont'd.)

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; and

~~2. Insurance premiums in FERC Account 924 for replacement power insurance. Costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles; and~~

~~3. All<sup>1</sup> The following~~ transmission service costs reflected in FERC Account 565 and all transmission service revenues reflected in FERC Account 456.1. ~~Such transmission service costs and revenues include:~~

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 Schedule 11 or its successor;
- vi. MISO Schedules 26, 26A, 37 and 38 or their successors; and
- vii. MISO Schedule 33;

B. Non-MISO costs associated with:

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

<sup>1</sup> This Item 2 is subject to modification depending on the Commission's resolution of transmission charges and revenues issues between the Company and MIEC.

DATE OF ISSUE July 3, 2014DATE EFFECTIVE August 2, 2014ISSUED BY Michael Moehn  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 73.4

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 ~~January 2, 2013~~ XXXXXXX X, 201X And Thereafter)FAR DETERMINATION (Cont'd.)

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.

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); and
  - D. Supplemental reserve service (MISO Schedule 6, or its successor);
4. Make-whole payments, including:
  - A. Price volatility; and
  - B. Revenue sufficiency guarantee; and
5. Hedging.

Adjustment For Reduction of Service Classification 12(M) Billing Determinants:

Should the level of monthly billing determinants under Service Classification 12(M) fall below the level of normalized 12(M) monthly billing determinants as established in Case No. ER-~~2012-01662014~~2014-0258, an adjustment to OSSR shall be made in accordance with the following levels:

- a) A reduction of less than 40,000,000 kWh in a given month
  - No adjustment will be made to OSSR.
- b) A reduction of 40,000,000 kWh or greater in a given month
  - An adjustment excluding off-system sales revenue from OSSR will be made equal to the lesser of (1) all off-system sales revenues derived from all kWh of energy sold off-system due to the entire reduction, or (2) off-system sales revenues up to the reduction of 12(M) revenues compared to normalized 12(M) revenues as determined in Case No. ER-~~2012-01662014~~2014-0258.

DATE OF ISSUE July 3, 2014 DATE EFFECTIVE August 2, 2014ISSUED BY Michael Moehn President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 73.5

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 ~~January 2, 2013~~ XXXXXXXX X, 201X And Thereafter)FAR DETERMINATION (Cont'd.)

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.

Costs and revenues not specifically detailed in Factors FC, PP, E, or OSSR shall not be included in the Company's FAR filings; provided however, in the case of Factors PP or OSSR the market settlement charge types under which MISO or another centrally administered market (e.g., PJM or SPP) bills/credits a cost or revenue need not be detailed in Factors PP or OSSR for the costs or revenues to be considered specifically detailed in Factors PP or OSSR; and provided further, should the MISO or another centrally administered market (e.g. PJM or SPP) implement a market settlement charge type or schedule not listed in Exhibit HB of the Non-Unanimous Stipulation and Agreement Regarding Class Kilowatt Hours, Revenues And Billing Determinants, NetSome Fuel Adjustment Clause Issues approved in Case No. ER-2014-0258 (a "new charge type"):

~~Base Energy Costs, and Fuel Adjustment Clause Tariff Sheets approved in Case No. ER-2012-0166 (a "new charge type")~~;

A. The Company may include the new charge type cost or revenue in its FAR filings if the Company believes the new charge type cost or revenue possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may be, subject to ~~another party's right~~ the requirement that the Company make a filing with the Commission as outlined in B below and also subject to another party's right to challenge the inclusion as outlined in E. below;

~~to challenge the inclusion (or failure to include) as outlined in E. below;~~

B. The Company will ~~include in its monthly reports required by~~ make a filing with the Commission giving the Commission's fuel adjustment clause rules notice of the new charge type no later than 60 days prior to the Company including the new charge type cost or revenue in a FAR filing. ~~Such notice~~ filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements;

C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new charge type costs or revenues by amount, description and location within the monthly reports;

D. The Company shall account for the new charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues; ~~and~~

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NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 73.6

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 January 2, 2013XXXXXXXX X, 201X And Thereafter)

FAR DETERMINATION (Cont'd.)

E. If the Company includes a new charge type cost or revenue in a FAR makes the filing provided for by B above and a party challenges the inclusion (or if the Company does not include a new charge type cost or revenue and a party challenges the failure to include it), such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. A party wishing to challenge the inclusion of a charge type shall include in its filing the reasons why it believes the Company did not show that the new charge type possesses the characteristic of the costs or revenues listed in Factors PP or OSSR, as the case may be, and its filing shall be made within 30 days of the Company's filing under B above.

Factors PP or OSSR, as the case may be. To challenge the failure to include a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should have been included, because they do possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be.

In the event of a timely challenge, the Company shall bear the burden of proof to support its decision to include or exclude or its failure to include or exclude a new charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P-; and

F. A party other than the Company may seek the inclusion of a new charge type in a FAR filing by making a filing with the Commission no less than 60 days before the Company's next FAR filing. Such a filing shall give the Commission notice that such party believes the new charge type should be included because it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may. The party's filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements. If a party makes the filing provided for by this paragraph F and a party (including the Company) challenges the inclusion, such challenge will not delay inclusion of the new charge type in the FAR filing or delay approval of the FAR filing. To challenge the inclusion of a new charge type, the challenging party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. The challenging party shall make its filing challenging the inclusion and stating the reasons why it believes the new charge type does not possess the characteristic of the costs or revenues listed in Factors PP or OSSR, as the case may be, within 30 days of the filing that seeks inclusion of the new charge

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ISSUED BY Michael Moehn President & CEO St. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

type. In the event of a timely challenge, the party seeking the inclusion of the new charge type shall bear the burden of proof to support its contention that the new charge type should be included in the Company's FAR filings. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

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.

$$B = BF \times S_{AP}$$

\*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 ~~\$0.014960~~0.01828\$\_\_\_\_\_ <sup>2</sup> per kWh. The BF applicable to October through May calendar months (BF<sub>WINTER</sub>) is ~~\$0.014540~~0.01779\$\_\_\_\_\_ <sup>3</sup> per kWh.

\*Indicates Change.

<sup>2</sup> Will depend on the Commission's final Report and Order.

<sup>3</sup> Will depend on the Commission's final Report and Order.

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ISSUED BY Michael Moehn President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 73.7

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 January 2, 2013XXXXXXX X, 201X And Thereafter)FAR DETERMINATION (Cont'd.)~~RIDER FAC~~~~FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)~~~~(Applicable To Service Provided On January 2, 2013XXXXXXXX X, 201X And Thereafter)~~~~FAR DETERMINATION (Cont'd.)~~

- $S_{AP}$  = 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), plus the kWh reductions up to the kWh of energy sold off-system associated with the 12(M) OSSR adjustment above 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).
- $S_{RP}$  = 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) 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).
- $I$  = 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 ("T") 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.
- $T$  = True-up amount as defined below.

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

$$FAR = FAR_{RP} + FAR_{(RP-1)}$$

where:

<sup>4</sup> Will depend on the Commission's final Report and Order regarding whether or not Noranda will be included in the FAC.

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TITLESt. Louis, Missouri  
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**EXHIBIT A**

- 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>.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

Original

SHEET NO. 73.8

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

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

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

~~RIDER FAC~~

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

(Applicable To Service Provided On ~~January 2, 2013~~XXXXXXXX X, 201X And Thereafter)

FAR DETERMINATION (Cont'd.)

To determine the FAR applicable to the individual Service Classifications, the FAR determined in accordance with the foregoing will be multiplied by the following Voltage Adjustment Factors (VAF):

Secondary Voltage Service (VAF <sub>SEC</sub> )	1.0575
Primary Voltage Service (VAF <sub>PRI</sub> )	1.0252
Large Transmission Voltage Service (VAF <sub>TRAN</sub> )	0.9917

The FAR applicable to the individual Service Classifications 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 T 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.

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

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prudence adjustment will be included in I above.

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 73.9

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

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

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

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

(Applicable To Calculation of Fuel Adjustment Rate for the Billing Months of ~~June-XXXX 2014-201X~~ through ~~September-XXXXXXXX 2014201X~~)

\*Calculation of Current Fuel Adjustment Rate (FAR):

Accumulation Period Ending:

1. Actual Net Energy Cost (ANEC) (FC+PP+E-OSSR)		\$
2. Net Base Energy Cost (B)	-	\$
2.1 Base Factor (BF)	x	\$
2.2 Accumulation Period Sales (S <sub>AP</sub> )		kWh
3. Total Company Fuel and Purchased Power Difference	=	\$
3.1 Customer Responsibility	x	95%
4. Fuel and Purchased Power Amount to be Recovered	=	\$
4.1 Interest (I)	+	\$
4.2 True-Up Amount (T)	-	\$
4.3 Prudence Adjustment Amount (P)	±	
5. Fuel and Purchased Power Adjustment (FPA)	=	\$
6. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	kWh
7. Current Period Fuel Adjustment Rate (FAR <sub>RP</sub> )	=	\$/kWh
8. Prior Period Fuel Adjustment Rate (FAR <sub>RP-1</sub> )	+	\$/kWh
9. Fuel Adjustment Rate (FAR)	=	\$/kWh
10. Secondary Voltage Adjustment Factor (VAF <sub>SEC</sub> )		1.0575
11. FAR for Secondary Customers (FAR <sub>SEC</sub> )		\$/kWh
12. Primary Voltage Adjustment Factor (VAF <sub>PRI</sub> )		1.0252
13. FAR for Primary Customers (FAR <sub>PRI</sub> )		\$/kWh
14. Transmission Voltage Adjustment Factor (VAF <sub>TRAN</sub> )		0.9917
15. FAR for Transmission Customers (FAR <sub>TRAN</sub> )		\$/kWh

\* Indicates Change.

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