Exhibit No.:

Issues: Transmission Tracker; Cost of

Removal Deferred Tax Amortization; State Income Tax Flow-Through

Amortization

Witness: Mark L. Oligschlaeger

Sponsoring Party: MoPSC Staff
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MISSOURI PUBLIC SERVICE COMMISSION

REGULATORY REVIEW DIVISION UTILITY SERVICES - AUDITING

REBUTTAL TESTIMONY

OF

MARK L. OLIGSCHLAEGER

THE EMPIRE DISTRICT ELECTRIC COMPANY

CASE NO. ER-2012-0345

Jefferson City, Missouri January 2013

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1		REBUTTAL TESTIMONY OF
2		MARK L. OLIGSCHLAEGER
3		THE EMPIRE DISTRICT ELECTRIC COMPANY
4		CASE NO. ER-2012-0345
5	Q.	Please state your name and business address.
6	A.	Mark L. Oligschlaeger, P.O. Box 360, 200 Madison Street, Suite 440,
7	Jefferson City	, MO 65102.
8	Q.	What is your present position with the Missouri Public Service Commission
9	("Commission	n")?
10	A.	I am the Manager of the Auditing Unit, Utility Services Department,
11	Regulatory Re	eview Division.
12	Q.	Are you a Certified Public Accountant (CPA)?
13	A.	Yes, I am. In November 1981, I passed the Uniform Certified Public
14	Accountant ex	xamination and, since February 1989, have been licensed in the state of Missouri
15	as a CPA.	
16	Q.	Have you previously filed testimony before this Commission?
17	A.	Yes, numerous times. A listing of the cases in which I have previously filed
18	testimony befo	ore this Commission, and the issues I have addressed in testimony in cases from
19	1990 to currer	nt, is attached as Schedule 1 to this rebuttal testimony.
20	Q.	What knowledge, skills, experience, training and education do you have in the
21	areas of which	n you are testifying as an expert witness?
22	A.	I have been employed by this Commission as a Regulatory Auditor for over
23	30 years, and	have submitted testimony on ratemaking matters numerous times before the
24	Commission.	I have also been responsible for the supervision of other Commission

employees in rate cases and other regulatory proceedings many times. I have received continuous training at in-house and outside seminars on technical ratemaking matters since I began my employment at the Commission.

- Q. Have you participated in the Commission Staff's ("Staff") audit of The Empire District Electric Company ("Empire" or "Company") concerning its request for an increase to its customer rates in this proceeding?
 - A. Yes, I have, with the assistance of other members of the Staff.
 - Q. What is the purpose of this rebuttal testimony?
- A. The purpose of this testimony is to respond to Empire witness W. Scott Keith's direct testimony at pages 16 22 where he requests the Commission authorize the Company to establish a "tracker mechanism" to account for its future Southwest Power Pool (SPP) transmission expense. I will explain why Staff opposes Empire's request for an SPP tracker in this proceeding. While Staff opposes Empire's requested SPP transmission tracker, Staff also recognizes it is possible the Commission will authorize Empire to implement one. I provide Staff's recommendations as to the conditions the Commission should attach to any SPP tracker mechanism the Commission may authorize Empire to use.

In addition, I will respond to the Company's direct filing regarding two income tax expense matters. First, I address the reasons Staff opposes the recommendation found in Empire witness James I. Warren's direct testimony that an amortization of a deferred tax asset be included in the Company's cost of service in this proceeding in order to provide Empire with certain tax benefits associated with cost of removal that it allegedly failed to receive in prior cases. I will also respond in opposition to the Company's proposed state income tax amortization adjustment to effectively reduce the amount of prior deferred taxes flowed back

to customers on account of an alleged prior policy of treating state income taxes on a "flow-through" basis in prior cases.

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EXECUTIVE SUMMARY

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Please summarize your surrebuttal testimony

Staff opposes authorization of an SPP transmission tracker for Empire at A. this time. However, Staff also recommends that, if the Commission rejects Staff's recommendation not to authorize Empire to implement a SPP tracker and allows the Company to use one, then certain conditions be attached to the Commission's authorization.

Staff opposes Empire's proposed amortization of deferred taxes associated with cost of removal tax deductions that were allegedly passed on to customers twice due to prior ratemaking practices.

Staff also opposes Empire's proposed amortization of deferred taxes associated with an alleged prior policy of "flowing through" of state income tax impacts in prior rate cases.

TRANSMISSION TRACKER

What is a "tracker mechanism?" Q.

A. A "tracker mechanism," frequently referred to simply as a "tracker," is a regulatory mechanism that allows a direct comparison to be made between the amounts of a utility's ongoing expenditures for a particular cost of service item compared to its rate recovery for that item. Any differential between the amounts of a cost of service item compared to its rate recovery by the utility is booked to a regulatory asset or regulatory liability account on the utility's balance sheet. Then, in a subsequent rate case following the establishment of the tracker, the utility or other parties can seek inclusion in its rates of the regulatory asset or regulatory liability balance associated with the cost of service item being

tracked, usually through an amortization to expense over a multi-year period. In Missouri, many utilities are using trackers for pension/OPEB expenses, for costs incurred to comply with Commission rules, and other items. As discussed in the Commission's *Report and Order* in Case Nos. ER-2012-0174 and ER-2012-0175, a tracker mechanism gives a utility authority to make accounting entries similar to those made under a more common Accounting Authority Order (AAO) request; namely, to defer an expense or revenue incurred in one period to be recorded to expense or revenue in another period.

- Q. Are trackers a tool that should be used as a regular course of action in rate regulation?
- A. No. By design, trackers measure over or under recovery of the individual cost of service elements; thus, reducing the risk of recovery by the utility and transferring that risk to its customers. However, under normal circumstances, review of a utility's earnings levels for purposes of determining the need for rate relief is and should be based upon an examination of all relevant factors (rate base, rate of return, expenses). A tracker singles out an individual rate element for possible special rate treatment without examination of other, potentially offsetting, changes in the utility's revenue requirement caused by fluctuations in its rate base, expenses, required rate of return and revenues. For this reason, use of trackers to set rates should be authorized sparingly, if at all.
- Q. What basis does Mr. Keith allege for his request for authorization of a tracker for Empire's SPP transmission expenses?
- A. At page 17, lines 10-12 of his direct testimony, Mr. Keith states that "In the coming years, it is widely expected that SPP's billings to Empire for regional transmission upgrade projects and SPP administrative fees will increase Empire's transmission charges

1	significantly." Accordingly, Empire's request for a transmission expense tracker is premised
2	upon an expectation of future escalations in this cost.
3	Staff witness Daniel I. Beck discusses Empire's projections of future SPP transmission
4	expense in his rebuttal testimony in this proceeding.
5	Q. Does Empire also receive revenues from SPP, in addition to
6	incurring expenses?
7	A. Yes. In Empire's revenue requirement calculation, inclusion of transmission
8	revenues has the impact of offsetting in whole or in part its recorded transmission expenses.
9	Q. Has Empire also proposed to track SPP transmission revenues within its
10	transmission tracker?
11	A. No, not in its direct testimony filing.
12	Q. Have other utilities requested authorization for transmission trackers related to
13	SPP transmission expenses in recent rate proceedings?
14	A. Yes. Both Kansas City Power & Light Company (KCPL) and KCPL – Greater
15	Missouri Operations (GMO) have requested trackers for their SPP transmission expenses in
16	Case Nos. ER-2012-0174 and ER-2012-0175, respectively.
17	Q. Has the Commission ruled on those tracker requests?
18	A. Yes, in an Order for both cases dated January 9, 2012. The Commission
19	denied authorization of transmission trackers for both utilities.
20	Q. Why did the Commission deny KCPL's and GMO's request for transmission
21	trackers?
22	A. The Commission's Order in Case Nos. ER-2012-0174 and ER-2012-0175
23	indicates that KCPL's and GMO's transmission tracker request was denied because:

- KCPL's and GMO's request was based upon projections of future increases in SPP transmission expense, and the Commission believes that requests for deferrals of expenses should be based upon actual incurred changes in the level of the expense, and not an expectation of future changes; and
- 2. Requests for deferrals are ordinarily applicable only to "extraordinary expenses," and KCPL and GMO did not demonstrate that its SPP transmission expenses were extraordinary in nature.
- Q. Do these same criteria apply to Empire's request for a transmission tracker in this case?
- A. Yes. Empire's request for a tracker is premised upon projections of future increases in this cost, and Empire has not attempted to demonstrate that its SPP transmission expenses are extraordinary in nature.
- Q. Based upon the rationale stated in the Commissions' Order in the recent KCPL and GMO rate proceedings, does Staff recommend that Empire's request for a SPP transmission tracker be similarly denied?
 - A. Yes.
- Q. At page 20 of Mr. Keith's direct testimony in this proceeding, he requests that Empire be allowed to accrue "carrying costs" on deferred SPP transmission expenses if it is authorized use of a tracker. In the event that the Commission approves the Company's tracker request, does Staff agree with Empire's carrying cost proposal?
- A. No. Authorization of a tracker would mean that Empire has the ability to request extraordinary rate treatment of SPP transmission expenses incurred outside of an ordered test year, update period or true-up period in a future rate proceeding. Allowing Empire to additionally accrue carrying costs on deferred amounts would effectively make the

Company "whole" in respect to the time value of money for its transmission expenditures incurred between rate proceedings. There is no justification in this particular instance for the Commission to provide Empire complete protection against the risk of regulatory lag related to its transmission costs in this manner.

- Q. At pages 20-21 of Mr. Keith's direct testimony, he proposed that deferred SPP transmission expenses be amortized to cost of service in Empire's next rate proceeding over the length of time the SPP costs were accumulated in a tracker. Again, if the Commission grants Empire's deferral request, does Staff agree with this proposed amortization period?
- A. No. Staff recommends that all relevant ratemaking considerations regarding transmission revenue and expense amounts deferred by the Company if such authority is granted should be reserved and decided in Empire's next rate proceeding.
- Q. If the Commission rejects Staff's recommendation not to authorize Empire to implement a SPP tracker and allows the Company to use one, then should the Commission condition that authorization?
- A. Yes. If the Commission authorizes Empire to implement a SPP tracker, then the Commission should order a number of conditions to that authorization. Those conditions follow:
 - 1. That the tracker reflect both transmission revenues and expenses, and thereby operate as a two-way mechanism (i.e., tracking both under and over collections of net transmission costs).
 - 2. That Empire will provide to all parties in this case on a monthly basis copies of billings from SPP for all SPP rate schedules that contain charges and revenues that will be included in the tracker and will report, per its general ledger, all expenses and revenues included in the tracker by month by Federal Energy Regulatory Commission (FERC) Uniform

System of Accounts (USOA) account and Empire subaccount or minor account. Empire shall also provide, on no less than a quarterly basis, the internally generated reports it relies upon for management of its ongoing levels of transmission expenses and revenues. Empire should also commit to notify the parties to this case of any changes to its existing reporting or additional internal reporting instituted to manage its transmission revenues and expenses.

- 3. That all ratemaking considerations regarding transmission revenue and expense amounts deferred by Empire pursuant to a tracker be reserved to the next Empire rate proceeding, including examination of the prudence of the revenues and expenses.
- 4. That Empire must impute into its tracker mechanism, the level of transmission revenues earned by any transmission company affiliate related to facilities in Empire's service territory into its tracker mechanism to the extent necessary to ensure that no additional revenue requirement resulting from any decision by Empire to transfer responsibility for transmission construction activity from Empire's regulated business is passed on to Empire's Missouri retail customers through the tracker.
- 5. That nothing in any order authorizing Empire's use of a transmission tracker is intended to amend, modify, alter, or supersede any previous Commission order or agreement approved by the Commission concerning Empire's involvement in SPP or treatment of SPP transmission revenues and expenses.
- 6. That deferrals resulting from the transmission tracker mechanism cease under certain circumstances, identified in the sixth condition specified below, depending upon Empire's reported return on equity (ROE) level.

- Q. What is the purpose of Staff's first proposed condition, "that the tracker reflect both transmission revenues and expenses, and thereby operate as a two-way mechanism (i.e., tracking both under and over collections of net transmission costs)?"
- A. The intent of this condition is to require that both over collections and under collections in rates of Empire's actual net transmission expenses (i.e., SPP transmission expenses less SPP transmission revenues) be booked by the Company as a regulatory asset or liability for potential reflection in Empire's rates.
 - Q. Is exclusion of transmission revenues from a transmission tracker acceptable?
- A. No. In the case of Empire's SPP membership, Empire is both assigned expenses by SPP for transmission service and receives revenues from SPP for the Empire facilities used by SPP to provide transmission service. The SPP transmission charges paid by Empire are intended to reimburse other SPP members for use of their transmission facilities by Empire. Empire pays a portion of its costs associated with use of its facilities for SPP transmission service, but receives all of the related revenues. Empire's revenue requirement associated with membership in SPP is dependent upon the ongoing relationship of its assigned SPP transmission revenues to its assigned SPP transmission expenses.

If one side of the SPP transmission equation is included in a tracker (the expenses), but the other side is excluded (the revenues), a skewed and inappropriate approach to transmission ratemaking results. Under this approach, changes in transmission expenses will be deferred for future recovery from ratepayers, while offsetting and concurrent transmission revenues will be ignored. This result should not be accepted by the Commission.

Q. What is the purpose of Staff's second condition, "that Empire will provide to all parties in this case on a monthly basis copies of billings from SPP for all SPP rate

schedules that contain charges and revenues that will be included in the tracker and will report, per its general ledger, all expenses and revenues included in the tracker by month by FERC USOA account and Empire subaccount or minor account. Empire shall also provide, on no less than a quarterly basis, the internally generated reports it relies upon for management of its ongoing levels of transmission expenses and revenues. Empire should also commit to notify the parties to this case of any changes to its existing reporting or additional internal reporting instituted to manage its transmission revenues and expenses?"

- A. The purpose of Staff's second condition is to specify ongoing reporting requirements for Empire in regard to the transmission costs and revenues flowing through the tracker.
- Q. What is the purpose of Staff's third proposed condition, "that all ratemaking considerations regarding transmission revenue and expense amounts deferred by the Company pursuant to a tracker be reserved to the next Empire rate proceeding, including examination of the prudence of the revenues and expenses?"
- A. The purpose of Staff's third condition is to avoid any claim that any order entered by this Commission implementing a tracker in this proceeding has the effect of making or setting any present or future ratemaking determinations by the present Commission or regarding a future Commission case. Typically, when authorizing trackers or other accounting authority, the Commission includes language in its order reserving rate treatment of costs and revenues included in a special accounting mechanism, such as a tracker or accounting authority order, to subsequent rate proceedings.
- Q. What is the purpose of Staff's fourth condition, "that Empire must impute into its tracker mechanism the level of transmission revenues earned by any transmission company

affiliate related to facilities in Empire's service territory to the extent necessary to ensure that no additional revenue requirement resulting from any decision by Empire to transfer responsibility for transmission construction activity from Empire's regulated business is passed on to Missouri retail customers?"

- A. Any decision by Empire to transfer responsibility for construction of transmission projects from its regulated utility entity to a transmission company affiliate will also transfer primary ratemaking authority over the transmission project's costs and capital investment to FERC. In recent years, FERC has adopted a number of ratemaking policies that would have the probable impact of increasing revenue requirements associated with these transmission projects above the level that would be normally established under this Commission's ratemaking policies. The purpose of this condition is to require Empire to pass through SPP transmission revenue requirements associated with affiliated transactions to Missouri retail customers calculated on an equivalent basis with Missouri Commission ratemaking practices. Staff has expressed a view that the Missouri Commission ratemaking practices rather than the FERC ratemaking practices are appropriate.
- Q. Has Empire to date created an affiliate designed to construct, own or operate transmission facilities in Missouri and other jurisdictions?
- A. No, not to date. However, imposition of this condition is appropriate in the event that Empire chooses to do so at a future date.
- Q. What is the purpose of Staff's fifth proposed condition, "that nothing in any order authorizing Empire's use of a transmission tracker is intended to amend, modify, alter, or supersede any previous Commission order or agreement approved by the

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Commission concerning Empire's involvement in SPP or treatment of SPP transmission revenues and expenses?"

- A. The purpose of this condition is to make clear that any approval of a tracker for Empire in this proceeding is not intended to and does not change any prior order from the Commission or stipulation and agreement approved by the Commission involving Empire's participation in SPP.
- What is the purpose of Staff's sixth and final condition, "that deferrals O. resulting from the transmission tracker mechanism cease under certain circumstances depending upon Empire's reported return on equity (ROE) level?"
- A. The Commission has authorized tracker mechanisms primarily as earnings protection measures for both the utilities and their customers. From that perspective, there is no reason for Empire to defer the impact of under collections in rates of one cost of service element when it is earning in excess of its authorized ROE on an overall basis. Conversely, if a tracker is authorized, there is no reason for Empire to defer over collections in rates of one cost of service element when it is earning below its authorized ROE on an overall basis. For that reason, Staff recommends that if the Company reports it is earning at or in excess of its authorized ROE on a twelve-month rolling forward average basis in quarterly FAC earnings "surveillance" reporting, any tracker deferrals of under collections in net transmission costs should cease from that point forward, and only resume on a prospective basis if this surveillance reporting shows it is now earning below its authorized ROE. Likewise, tracker deferrals of over collection of net transmission costs should cease from the point that FAC surveillance shows it is earning below its authorized ROE.

COST OF REMOVAL DEFERRED TAX AMORTIZATION

- Q. What is "cost of removal?"
- A. "Cost of removal" is the cost of demolishing, dismantling, tearing down or otherwise removing plant in service at the end of its useful life.
 - Q. How is cost of removal currently treated for ratemaking purposes?
- A. In this jurisdiction, cost of removal is currently included in cost of service on an accrual basis as a component of a utility's authorized depreciation rates for plant assets. Except for a relatively brief period in the prior decade, Empire's cost of removal has been recovered from customers using this approach going back many years. This approach means that customers pay in rates an estimation of the future cost of removal for all plant while the plant is still in service.
 - Q. How is cost of removal treated for income tax purposes?
- A. The Internal Revenue Service (IRS) allows a deduction on a utility's income tax returns only for cost of removal amounts that are actually incurred. The difference between the accrual approach used for cost of removal in setting rates and the cash approach used for this cost for income tax purposes means that cost of removal is a "tax timing difference." The term "tax timing differences" applies to costs for which the timing of recognition for financial accounting and income tax purposes differs.
- Q. Is it reasonable to expect that the amount of cost of removal collected in rates by a utility will ever be equal to the amount of cost of removal actually incurred by a utility?
- A. No. Current ratemaking policy allows for collection in rates of estimated cost of removal amounts in some cases decades in advance of when the actual expenditures are expected to be made. This means, as a practical matter, that the amount of cost of removal

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collected in rates will never be "trued-up" to the amount of actual cost of removal expenditures for a company. It is the lengthy gap between the time of rate collection and the time of actual incurrence of cost of removal by the utility that makes it very difficult to determine whether income tax expense related to cost of removal has been over or under collected at a point in time.

- What is the difference between "normalization" treatment and "flow-through" Q. treatment of tax timing differences for rate purposes?
- A. "Normalizing" tax timing differences means that, for rate purposes, a cost is considered to be recognized in the income tax calculation at the same time as the item is recognized as an expense on the utility's income statement. "Flowing through" tax timing differences means that, for rate purposes, a cost is recognized in the income tax calculation at the same time the item is recognized as a deduction on the utility's income tax returns.

As it applies to cost of removal, normalization of this item would mean the cost is taken as a deduction for ratemaking purposes at the time it is accrued as part of the utility's depreciation rates. Under the flow-through approach, the cost would be taken as an income tax deduction at the time the utility's cost of removal expenditures are made.

- Q. How is Empire witness Warren alleging that the cost of removal tax timing difference was treated for rate purposes in prior Empire rate proceedings?
- A. Mr. Warren alleges that the tax deduction for cost of removal was inadvertently provided to customers twice in prior Empire rate proceedings from 1981 to 2008, once by normalizing the cost of removal component included in Empire's authorized depreciation rates for tax purposes and again by simultaneously flowing through the amount of cost of removal actually incurred by the utility in the Company's income tax calculation.

Mr. Warren goes on to state that providing excess cost of removal deductions to Empire's ratepayers has resulted in an under recovered accumulated deferred income tax account, and that Empire should recoup this under recovery through an amortization of a cost of removal deferred tax asset over an 18-year period.

- Q. During the entire period of time the double reflection of cost of removal deductions is alleged to have taken place, did Empire ever take a position opposing the income tax treatment proposed by Staff regarding cost of removal?
- A. I am not aware that Empire raised any concerns regarding prior rate treatment of income taxes related to cost of removal any earlier than its 2008 and 2010 rate cases.
 - Q. What is Staff's position regarding this proposed amortization?
- A. Staff is opposed to inclusion in rates of this amortization for the following reasons:
 - Empire has not provided credible evidence that this alleged double-reflection of the cost of removal tax deduction in cost of service actually occurred, nor has Empire provided an accurate quantification of the amount of the alleged double recovery;
 - 2. Empire's analysis of this issue ignores the point that the tax straight-line depreciation calculation does not necessarily provide for a deduction of cost of removal; and
 - 3. Even assuming that this double-reflection of the cost of removal tax deduction in Empire's cost of service actually occurred, my understanding is that prospective correction in rates of "errors" in setting a utility's prior rates is may not be permissible from a legal perspective.
- Q. What evidence, if any, does Empire provide in Mr. Warren's direct testimony to support its contentions of the manner in which cost of removal has been treated for income tax purposes in its prior rate cases?

- A. In Mr. Warren's direct testimony, at page 15, lines 6-8, he states that he has reached his conclusions regarding past rate treatment of the income tax impact of cost of removal from a review of various tax expense schedules and discussions with Company personnel.
- Q. Is it possible in all instances to definitively determine how items are treated for rate purposes from a review of income tax accounting schedules?
- A. No. This is because income tax accounting schedules do not necessarily contain the detail of how certain values contained therein are derived, and also because settlement of rate case proceedings on a negotiated dollar basis often preclude a direct tying of the stipulated revenue requirement to any parties' sponsored accounting schedules.
- Q. Were some of Empire's rate case filings from 1981 to 2008 resolved by stipulation and agreement?
- A. Most of them were. Even for those cases that went to hearing, to my knowledge no tax issues associated with cost of removal were litigated. Of course, the existence of stipulations and agreements in Empire's past rate cases reflecting "black box" revenue requirements makes it very difficult to make conclusive determinations of how certain items, such as the income tax treatment of cost of removal, were treated for ratemaking purposes in those proceedings.
- Q. What documentary support has Empire provided Staff in this proceeding to support its contention of double reflection of cost of removal deductions?
- A. The Company provided Staff with copies of the Staff income tax accounting schedules from two Empire rate cases filed in the 1990s.

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Q. Was this evidence sufficient to fully support Empire's assertions?

No. These accounting schedules do show that Staff included a deduction for A. cost of removal in its income tax calculations on a stand-alone basis. These schedules also show an amount for a tax straight-line depreciation deduction in the tax calculation. However, these schedules do not show to what extent a cost of removal accrual was incorporated within Staff's tax straight-line depreciation deduction. Mr. Warren appears to assume that the tax straight-line amount on prior Staff income tax accounting schedules contains a full deduction for estimated cost of removal charged to consumers which is duplicative of the actual cost of removal amounts included on Empire's tax returns and also reflected in Staff's income tax accounting schedules. Mr. Warren's evaluation of this matter is deficient, which I will explain later in this testimony.

- Q. What is "tax straight-line depreciation?"
- A utility's tax depreciation deduction amount is split into two pieces for A. ratemaking purposes. "Tax straight-line depreciation" is the application of the utility's authorized book depreciation rates to the tax basis of their depreciable assets. "Excess depreciation" is the application of the allowed accelerated tax depreciation rates to the tax basis of the utility's depreciable assets. If cost of removal is included as part of the depreciation rates to calculate tax depreciation, it would be incorporated in the tax straight-line depreciation calculation.
- Q. In this testimony, are you asserting that Staff's position in this matter is that no double reflection of a cost of removal tax deduction occurred in prior rate cases?
- A. Yes. Mr. Warren's assumption that a prior double recovery of the tax benefits of cost of removal occurred ignores the fact that the tax straight-line depreciation amount as

measured over the life of a company's assets does not allow for recognition of cost of removal in the calculation. Therefore, the approach of utilizing the tax straight-line depreciation deduction alone to recognize the tax benefits associated with cost of removal is problematic. The use of the tax depreciation model to calculate tax straight-line depreciation, as normally done in rate cases, ultimately prevents the recognition of any cost of removal in tax straight-line depreciation amounts.

- Q. Please explain this point in greater detail.
- A. Tax depreciation is based on "vintage accounting." "Vintage accounting" is accounting for a group of assets based upon the year the assets were placed in service, as opposed to accounting for each asset on an individual basis. Total tax depreciation is the result of the amount of a depreciation deduction allowed for each year, or vintage, of the Company's plant investment. Once the total tax depreciation deductions for a particular vintage over time equals the total dollar amount of the plant investment (as measured for tax purposes) made within that vintage, no further tax depreciation is allowed for that vintage of assets.
 - Q. Can you illustrate this point using a simple example?
- A. Yes. Assume a plant asset has an original cost of \$100 and an estimated cost of removal value of \$20. (We will assume that there is zero expected salvage value for this asset.) The utility's depreciation rates should be set recover a total of \$120, the book basis of the asset plus the estimated cost of removal, over the asset's assumed life. However, if the asset has a longer life than originally assumed, the utility may well collect an amount of depreciation expense in rate in excess of \$120 associated with that asset.

Then, assume that for tax purposes the depreciable basis of the same asset is \$95. (The book basis and tax basis of assets will often be different, for reasons to be discussed later.) Remembering that cost of removal is not part of the tax depreciation calculation (because no deduction for cost of removal is allowed until the cost is incurred), the tax depreciation treatment applied to this asset will result in a total tax depreciation deduction equal to \$95, and no more. In this example, it can be seen that use of a tax straight-line depreciation deduction to calculate income tax expense will not provide for a deduction amount for cost of removal, only for the amount of the tax basis of the asset.

- Q. What are the implications of this point to Mr. Warren's argument of double recovery of cost of removal tax deductions in prior Empire rate proceedings?
- A. Given that the past tax straight-line depreciation calculations made by Staff that Mr. Warren cites to support his conclusion that double recovery occurred were apparently not opposed by Empire at the time of the calculations, this suggests that Staff's tax straight-line depreciation calculations did not allow for any recognition of cost of removal. Thus, reflecting the amount of the Company's actual cost of removal tax return deductions on the Staff income tax accounting schedule would not have resulted in a double reflection of the tax deduction
- Q. Is it possible at this time to make a definitive determination of the exact amount of cost of removal deductions passed on to customers in previous Empire rate cases?
- A. No. Under the best light that the Company's position on this issue can be examined, I am asserting that it is very difficult to demonstrate that any double recovery occurred years after the fact, and that Empire has failed to do so to date in this proceeding. This is an inherent problem when a company makes broad assertions regarding rate treatment

of items that occurred for the most part in the distant past, and particularly when most of the utility's rate proceedings over time have ended in negotiated stipulations and agreements, as is the case with Empire.

- Q. Has Empire supported its contention that the amount of cost of removal deductions provided to customers in rates for the period 1981 to 2008 was excessive and duplicative?
- A. No. Among other flaws in its approach to this issue, Empire has not attempted to demonstrate that its customers received full benefit of tax deductions for cost of removal expenditures made from 1981 to 2008 through tax depreciation treatment in earlier rate cases. For example, actual cost of removal expenditures incurred by Empire in 1981 may have been recovered from customers in rates many years prior. Assuming an average depreciable life of Empire's assets at that time of approximately 30 years, any analysis that claims flow-through treatment of cost of removal in 1981 was excessive and duplicative would require an examination of depreciation and income tax ratemaking approaches dating to the early 1950s, at least.
- Q. What is the nature of the deferred tax asset that Empire seeks to amortize in the rate proceeding?
- A. The amount proposed for amortization by Empire in this case is derived from a deferred tax asset booked by Empire pursuant to Financial Accounting Standard No. 109, "Accounting for Income Taxes." This asset was not booked by Empire until the early 1990s, when the provisions of FAS 109 went into effect, even though some of the cost of removal expenditures reflected within the asset balance date back to 1981. It is my understanding that

the amount of this deferred tax asset was quantified by adding up the amount of all cost of removal deductions taken by Empire on its income tax returns since 1981.

- Q. Is the cost of removal deferred tax asset the same type of deferred tax asset/liability ordinarily given rate treatment by the Commission?
- A. No. The deferred tax assets and liabilities reflected in the Company's rate base result from prior normalization treatment of utility tax timing differences. The cost of removal deferred tax asset Empire is seeking to amortize results from prior flow-through treatment of this tax timing difference. This amount has also not been reflected in Empire's rate base in past rate proceedings, unlike other deferred tax assets and liabilities.
- Q. Is the cost of removal deferred tax asset that Empire seeks to amortize a "regulatory asset?"
- A. No, not in the usual sense of that term. It is my understanding that Empire is booking this particular asset as a requirement applied to regulated utilities under the provisions of FAS 109. This amount is not a regulatory asset in the sense that its booking was ever authorized by or approved of by the Commission through an accounting authority order application or other means. This issue has the characteristics of attempting to validate after the fact a regulatory asset placed on the books without regulatory approval that will need to written off if regulatory approval for rate recovery of the asset is not given.
- Q. For the period of time covered by the cost of removal deferred tax asset, can Staff state affirmatively that for any portion of that period there was not even a theoretical possibility of a double reflection of the cost of removal deduction to the benefit of ratepayers?
- A. Yes, for the approximate period of 2001 through 2004, the Commission ordered that cost of removal be included in Empire's cost of service as an element of expense

least this period of time, inclusion of cost of removal in Empire's income tax calculation for ratemaking purposes could not have occurred as part of a tax depreciation calculation.

Q. Assuming that Empire is correct in asserting that, in at least some past rate

on its income statement, and not as a component of Empire's depreciation expense. For at

- Q. Assuming that Empire is correct in asserting that, in at least some past rate proceedings, cost of removal was reflected in income tax accounting schedules twice (once as a component of depreciation expense and again as a separate line item in the schedule), even then does this mean that customers necessarily received a proportionately greater tax benefit associated with cost of removal than merited by the amount of cost of removal they provided to Empire in rates?
- A. No. Customers may not have received the full benefit of a tax deduction for the entire amount of cost of removal provided to the Company in rates for an additional reason.

The amount of tax straight-line depreciation reflected in a utility's income tax calculation for rate purposes is almost always less than the amount of book depreciation it is collecting in customer rates. This is because the "tax basis" of utility assets for depreciation purposes is almost always less than the book basis, because in the past the income tax code allowed for some elements of a company's book basis of assets to be charged to expense immediately rather than capitalized as plant in service. The full book value of the assets will not be reflected in a utility's tax straight-line depreciation calculation under these circumstances. Accordingly, a proportional amount of a cost of removal tax benefit associated with the difference in basis between a utility's assets for book and tax purposes also would not have passed on to customers in rates as part of a tax straight-line depreciation deduction. This point is particularly applicable to Empire's rate levels set in the 1980s, prior

to the time its income tax expense would have been calculated using the provisions of the Tax Reform Act of 1986, which had the impact of prospectively reducing the amount of differences between measurement of book basis and tax basis for purposes of depreciation of assets.

- Q. Assuming again that the Company's contentions that customers have unduly benefited from prior rate treatment of cost of removal tax deductions are fully accurate (which Staff believes has not been demonstrated), does that mean that the proposed deferred tax asset amortization is appropriate and should be ordered by the Commission?
- A. No. Staff asserts that Empire is effectively claiming that its rates were improperly set in prior proceedings, due to the alleged double reflection of cost of removal tax deductions in its cost of service. Therefore, because Empire asserts its rates were set too low in past rate cases for this reason (with Empire's apparent concurrence), Empire is now seeking to increase its rates through the proposed deferred tax asset amortization. Based upon discussions with Staff counsel, I have been advised that seeking to correct alleged errors made in setting a utility's prior rates in the context of setting new, prospective rates constitutes prohibited "retroactive ratemaking."

STATE TAX FLOW THROUGH

- Q. Please describe this issue.
- A. The state tax flow-through adjustment amount was buried in the Company workpapers, with no supporting testimony submitted by Empire in its direct filing as to its justification. However, based upon subsequent discussions with the Company, my understanding of this issue is that Empire is asserting that the normalization treatment of tax timing differences provided to it by the Commission up to the early 1990s was authorized

only at the stand-alone federal tax rate, and not the composite federal-state income tax rate usually used to record deferred taxes resulting from normalization of tax timing differences. Therefore, when Staff applies the current composite federal-state tax for the purpose of returning deferred taxes to customers, Empire claims that use of the composite tax rate for this purpose, which is higher than the stand-alone federal rate, results in a shortfall to the Company. Empire is proposing in this case to increase its cost of service through an amortization of the amount its deferred tax flow back to customers allegedly exceeds the amount of the original deferred income taxes booked by Empire.

- Q. What is the current difference between the federal-state composite tax rate and the stand-alone federal income tax rate?
- A. The current composite income tax rate used by Staff is 38.3886%, while the stand-alone federal rate is 35.0%. These values would have been different in the past when the statutory tax rates for corporations were set at different levels by federal and state taxing authorities.
- Q. Is Empire claiming that its prior rates were set using tax normalization computed on a stand-alone federal income tax rate basis?
- A. Since Empire filed no testimony supporting this adjustment, it is not clear whether Empire is making this specific contention. At a minimum, it appears the Company's position on this issue is based upon its assertion that Commission orders dating back to the 1950s only authorized Empire to book deferred taxes using a stand-alone federal rate.
 - Q. Has Empire provided any Commission orders supporting this contention?
 - A. No.

Q. What is Staff's position on this issue?

A.

- A. Staff is opposed to Empire's proposed state tax flow-through amortization.
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- Q. To your knowledge, what has been Staff's position in the past regarding calculation of deferred taxes for purposes of setting customer rates?
- A. I have been employed as a regulatory auditor by the Commission since 1981, and I have discussed this question as well with others whose auditor experience with the Commission dates back to the mid-1970s. Their recollection is identical to mine. Since at least the mid to late 1970s, Staff advocated the approach of calculating deferred taxes using a composite federal-state income tax rate, and not a federal stand-alone rate or any other rate. We are not aware of the Commission ordering rates be set using a different income tax rate for purposes of calculating deferred taxes.
- Q. Has Staff reviewed its prior rate case filings for Empire to examine what income tax rate were used to calculate the Company's deferred taxes?
- A. Yes. I reviewed the Staff's testimony and accounting schedules from Case No. ER-90-138, an Empire rate increase filing within the period that the valuation of the Company's deferred taxes using the stand-alone federal tax rate allegedly occurred. Staff's testimony in that case stated clearly that it calculated deferred taxes using a composite federal-state income tax rate. Though this case was ultimately resolved through stipulation, Staff's position taken in that case certainly illustrates that, at the very least, there was no agreement among the parties to that proceeding that a stand-alone federal income tax rate should be used to calculate deferred taxes.
- Q. Was calculation of Empire's deferred taxes a litigated issue in any rate proceedings prior to the Company's 1994 case?

- A. No. In fact, to my knowledge all of Empire's rate proceedings were resolved by stipulation and agreement in the 1980s and early 1990s
- Q. If Empire's deferred taxes were calculated using the normal composite federal-state tax rate, how would acceptance of its state tax flow-through amortization affect its customers?
- A. Adoption of Empire's proposed amortization would mean its ratepayers would not be fully compensated for the full amount of deferred taxes they provided to Empire in earlier rate cases. This result would be unfair and inequitable.
- Q. Do you consider it likely that the premise behind Empire's position is correct and that its cost of service currently reflects a greater payback of deferred taxes to its customers than those customers earlier paid in rates to the Company?
- A. No. In fact, I think the opposite scenario is more likely. If Empire only recorded its deferred taxes prior to 1994 at a federal stand-alone income tax rate, while customers were providing it deferred taxes in rates calculated using the higher composite state-federal rate, then Empire's rate base has been overstated for a lengthy period of time, and customer rates have been set at a higher level than warranted. This is an item that should be examined in Empire's next rate case.
- Q. Is it possible that this proposed adjustment, if adopted, would be another example of retroactive ratemaking?
- A. Yes, though this is uncertain without additional information from the company supporting this adjustment.
 - Q. Does this conclude your rebuttal testimony?
 - A. Yes, it does.

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

In the Matter of The Empire District Electric) Company of Joplin, Missouri Tariffs) Case No. ER-2012-0345 Increasing Rates for Electric Service Provided) to Customers in the Missouri Service Area of) the Company)			
AFFIDAVIT OF MARK L. OLIGSCHLAEGER			
STATE OF MISSOURI)) ss. COUNTY OF COLE)			
Mark L. Oligschlaeger, of lawful age, on his oath states: that he has participated in the preparation of the foregoing Rebuttal Testimony in question and answer form, consisting of 2ω pages to be presented in the above case; that the answers in the foregoing Rebuttal Testimony were given by him; that he has knowledge of the matters set forth in such answers; and that such matters are true and correct to the best of his knowledge and belief.			
Mark L. Oligschlaeger			
Subscribed and sworn to before me this day of January, 2013.			
D. SUZIE MANKIN Notary Public - Notary Seal State of Missouri Commissioned for Cote County My Commission Expires: December 12, 2016 Commission Number: 12412070			

Company Name	Case Number	Issues
Western Resources	GR-90-40 and GR-91-149	Take-Or-Pay Costs
Missouri-American Water Company	WR-91-211	True-up; Known and Measurable
Missouri Public Service	EO-91-358 and EO-91-360	Accounting Authority Order
Generic Telephone	TO-92-306	Revenue Neutrality; Accounting Classification
Generic Electric	EO-93-218	Preapproval
Western Resources & Southern Union Company	GM-94-40	Regulatory Asset Transfer
St. Louis County Water	WR-95-145	Policy
Union Electric Company	EM-96-149	Merger Savings; Transmission Policy
St. Louis County Water	WR-96-263	Future Plant
Missouri Gas Energy	GR-96-285	Riders; Savings Sharing
The Empire District Electric Company	ER-97-82	Policy
Missouri Public Service	ER-97-394	Stranded/Transition Costs; Regulatory Asset Amortization; Performance Based Regulation
Western Resources & Kansas City Power & Light	EM-97-515	Regulatory Plan; Ratemaking Recommendations; Stranded Costs
United Water Missouri	WA-98-187	FAS 106 Deferrals
Laclede Gas Company	GR-99-315 (remand)	Depreciation and Cost of Removal
Missouri-American Water	WM-2000-222	Conditions
UtiliCorp United & St. Joseph Light & Power	EM-2000-292	Staff Overall Recommendations
UtiliCorp United & The Empire District Electric Company	EM-2000-369	Overall Recommendations
Green Hills Telephone	TT-2001-115	Policy
IAMO Telephone Company	TT-2001-116	Policy
Ozark Telephone Company	TT-2001-117	Policy

Company Name	Case Number	Issues
Peace Valley Telephone	TT-2001-118	Policy
Holway Telephone Company	TT-2001-119	Policy
KLM Telephone Company	TT-2001-120	Policy
Missouri Gas Energy	GR-2001-292	SLRP Deferrals; Y2K Deferrals; Deferred Taxes; SLRP and Y2K CSE/GSIP
The Empire District Electric Company	ER-2001-299	Prudence/State Line Construction/Capital Costs
Ozark Telephone Company	TC-2001-402	Interim Rate Refund
Gateway Pipeline Company	GM-2001-585	Financial Statements
Missouri Public Service	ER-2001-672	Purchased Power Agreement; Merger Savings/Acquisition Adjustment
Union Electric Company	EC-2002-1	Merger Savings; Criticisms of Staff's Case; Injuries and Damages; Uncollectables
Laclede Gas Company	GA-2002-429	Accounting Authority Order Request
Aquila, Inc., d/b/a Aquila Networks-MPS-Electric and Aquila Networks-L&P-Electric and Steam	ER-2004-0034 and HR-2004-0024 (Consolidated)	Aries Purchased Power Agreement; Merger Savings
Missouri Gas Energy	GR-2004-0209	Revenue Requirement Differences; Corporate Cost Allocation Study; Policy; Load Attrition; Capital Structure
Empire District Electric	ER-2006-0315	Fuel/Purchased Power; Regulatory Plan Amortizations; Return on Equity; True-Up
Missouri Gas Energy	GR-2006-0422	Unrecovered Cost of Service Adjustment; Policy
Laclede Gas Company	GR-2007-0208	Case Overview; Depreciation Expense/Depreciation Reserve; Affiliated Transactions; Regulatory Compact
Missouri Gas Utility	GR-2008-0060	Report on Cost of Service; Overview of Staff's Filing

Company Name	Case Number	Issues
The Empire District Electric Company	ER-2008-0093	Case Overview; Regulatory Plan Amortizations; Asbury SCR; Commission Rules Tracker; Fuel Adjustment Clause; ROE and Risk; Depreciation; True-up; Gas Contract Unwinding
KCP&L Greater Missouri Operations Company	EO-2008-0216	Rebuttal: Accounting Authority Order Request
Missouri Gas Energy, a Division of Southern Union	GR-2009-0355	Staff Report Cost of Service: Direct Report on Cost of Service; Overview of the Staff's Filing; Rebuttal: Kansas Property Taxes/AAO; Bad Debts/Tracker; FAS 106/OPEBs; Policy; Surrebuttal: Environmental Expense, FAS 106/OPEBs
The Empire District Electric Company, The-Investor (Electric)	ER-2010-0130	Staff Report Cost of Service: Direct Report on Cost of Service; Overview of the Staff's Filing; Regulatory Plan Amortizations; Surrebuttal: Regulatory Plan Amortizations
The Empire District Electric Company	ER-2011-0004	Staff Report on Cost of Service: Direct: Report on Cost of Service; Overview of the Staff's Filing, Surrebuttal: SWPA Payment, Ice Storm Amortization Rebasing, S02 Allowances, Fuel/Purchased Power and True-up
Missouri-American Water Company	WR-2011-0337	Surrebuttal: Pension Tracker
Missouri Gas Energy, A Division of Southern Union	GU-2011-0392	Rebuttal: Lost Revenues Cross-Surrebuttal: Lost Revenues
KCP&L Greater Missouri Operations Company	EO-2012-0009	Rebuttal: DSIM
Union Electric Company d/b/a Ameren Missouri	EU-2012-0027	Rebuttal: Accounting Authority Order Cross-Surrebuttal: Accounting Authority Order
Union Electric Company d/b/a Ameren Missouri	EO-2012-0142	Rebuttal: DSIM

Company Name	Case Number	Issues
Union Electric Company	ER-2012-0166	Responsive: Transmission Tracker
d/b/a Ameren Missouri		
Kansas City Power & Light	ER-2012-0174	Rebuttal: Flood Deferral of off-
Company		system sales
		Surrebuttal: Flood Deferral of off-
		system sales, Transmission Tracker
		conditions
KCP&L Greater Missouri	ER-2012-0175	Surrebuttal: Transmission Tracker
Operations Company		Conditions
The Empire District Electric	ER-2012-0345	Direct (Interim): Interim Rate
Company		Request
		_

Cases prior to 1990 include:

COMPANY NAME	CASE NUMBER
Kansas City Power and Light Company	ER-82-66
Kansas City Power and Light Company	HR-82-67
Southwestern Bell Telephone Company	TR-82-199
Missouri Public Service Company	ER-83-40
Kansas City Power and Light Company	ER-83-49
Southwestern Bell Telephone Company	TR-83-253
Kansas City Power and Light Company	EO-84-4
Kansas City Power and Light Company	ER-85-128 & EO-85-185
KPL Gas Service Company	GR-86-76
Kansas City Power and Light Company	HO-86-139
Southwestern Bell Telephone Company	TC-89-14