

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

In the Matter of the Application of The Empire District)
Electric Company for Approval of Its Customer) File No. EO-2018-0092
Savings Plan)

In the Matter of the Propriety of the Rate Schedules for) File No. ER-2018-0228
Electric Service of The Empire District Electric Company)

NON-UNANIMOUS STIPULATION AND AGREEMENT

COME NOW The Empire District Electric Company (“EDE”), Midwest Energy Consumers Group (“MECG”); Staff of the Missouri Public Service Commission (“Staff”); Renew Missouri Advocates (“Renew Missouri”); and, Missouri Department of Economic Development – Division of Energy (“DE”) (collectively, the “Signatories”), by and through their respective counsel, and, for their Non-Unanimous Stipulation and Agreement (this “Stipulation”), respectfully state as follows to the Missouri Public Service Commission (“Commission”):

1. This Stipulation is being entered into solely for the purpose of settling all contested issues in the two cases captioned above except the issue specifically identified in paragraph 26. Unless otherwise explicitly provided herein, none of the Signatories shall be deemed to have approved or acquiesced in any ratemaking or procedural principle, including, without limitation, any method of cost of service or valuation determination or cost allocation, rate design, revenue recovery, or revenue-related methodology. Except as explicitly provided herein, none of the Signatories shall be prejudiced or bound in any manner by the terms of this Stipulation in this or any other proceeding.

2. This Stipulation has resulted from extensive negotiations among the parties, and

the terms herein are interdependent and non-severable. If the Commission does not approve this Stipulation unconditionally and without modification, or if the Commission approves the Stipulation with modifications or conditions to which a Signatory objects, then this Stipulation shall be void and none of the Signatories shall be bound by any of the agreements or provisions hereof.

3. This Stipulation is based on the unique circumstances presented by Empire to the Signatories. Except to the extent necessary to implement the terms of this Stipulation, this agreement shall not be construed to have precedential impact in any other Commission proceeding.

4. The non-utility Signatory Parties enter into this Stipulation in reliance upon information provided to them by Empire, and this Stipulation is explicitly predicated upon the representations made by Empire.

5. When approved by the Commission, this Stipulation shall constitute a binding agreement among the Signatories hereto. The Signatories shall cooperate in defending the validity and enforceability of this Stipulation and the operation of this agreement according to its terms.

6. In the event the Commission accepts the specific terms of this Stipulation without condition or modification, the Signatories waive their respective rights to seek rehearing pursuant to §536.500 and their respective rights to judicial review pursuant to §386.510. These waivers apply only to a Commission order approving this Stipulation without condition or modification issued in this proceeding and only to the issues that are resolved hereby. These waivers do not apply to any issues explicitly not addressed by this Stipulation.

7. The Signatories agree that any and all discussions, suggestions, or memoranda

reviewed or discussed, related to this Stipulation shall be privileged and shall not be subject to discovery, admissible in evidence, or in any way used, described or discussed.

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

9. 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, investigatory powers or other statutory powers 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.

10. The Signatories request an order of the Commission approving this Stipulation to be effective June 30, 2018, or as soon thereafter as is practical.

11. This Stipulation (once approved by the Commission) will be deemed to have become effective as of the date the order of the Commission approving this Stipulation becomes effective, and will expire concurrent with the expiration of the market price protection mechanism described in Paragraph 17(c), except where otherwise specified in this Stipulation.

12. The Signatories agree that disputes related to the implementation and operation of this Stipulation may be taken to the Commission for resolution.

Provisions Stemming from File No. EO-2018-0092 (Customer Savings Plan)

13. **Planned Structure and Definitions.** EDE seeks to acquire strategically located wind generation, including related transmission interconnection assets, in or near Empire's service territory (the "Wind Projects") using federal tax incentives in conjunction with a tax equity structure. To create the tax equity structure, EDE and a tax equity partner will form a

holding company, which will be a direct subsidiary of The Empire District Electric Company (the “Wind Holdco”). EDE, via the Wind Holdco, will acquire a wind project company (“Wind Project Co.”) that owns the Wind Project. After approximately ten years of tax equity participation and EDE joint ownership of the Wind Project Co. (through the Wind Holdco), EDE has the right to purchase the tax equity partner’s ownership interest in the Wind Holdco, at which point EDE would wholly own the Wind Project Co.¹

14. **Acquisition of Wind Projects.** The Signatories recommend that any order of the Commission approving this Stipulation contain the following language:

- a. EDE, through its ownership in Wind Holdco(s), is authorized to enter into purchase agreement(s) for a nameplate capacity of up to 600 MW of Wind Projects that meet the following criteria: (i) are located within the Southwest Power Pool footprint with energy and capacity deliverable to the EDE service territory; (ii) ****_____****; ****** and, (iii) without regard to K.S.A 66-1245. Furthermore, EDE agrees that the Wind Project(s) shall be operated in accordance with applicable Southwest Power Pool Integrated Marketplace (“SPP IM”) rules and in a manner that is not detrimental to EDE’s customers.
- b. Any such purchase agreement(s) shall include a requirement that before EDE, or its designated affiliate, is obligated to purchase a Wind Project, an engineer must confirm in a written report, to be provided to EDE, that the Wind Project has achieved mechanical completion, and there is a reasonable likelihood the Wind Project will satisfy the in-service criteria provided for in paragraph 17(a)

¹ There may be multiple tax equity partners, and thus multiple Wind Holdco(s), as well as multiple Wind Project Co(s).

and be timely placed in-service, including a reasonable likelihood that the turbines will meet or exceed the guaranteed power curve for such turbines to be included in the turbine supply agreement(s) with Wind Project Co(s).

- c. EDE shall file a notice in Case No. EO-2018-0092 and provide copies of each purchase agreement to the Signatories within 30 days of execution.
- d. So long as EDE's acquisition of the Wind Projects meet the criteria of this Stipulation, the Signatories agree EDE should be authorized to record its capital investment to acquire the Wind Projects as utility plant in service subject to audit in EDE's next general rate case.
- e. The Signatories agree to not contest, and recommend that the Commission find, that given the information presented in Case No. EO-2018-0092, and considering that EDE must make decisions prospectively, rather than in reliance on hindsight, the decision to acquire up to 600 MWs of Wind Projects under the terms of this Stipulation is reasonable. The Signatories recognize that this Stipulation does not preclude the Commission and the Signatories from reviewing the reasonableness of the costs of the Wind Projects in a general rate proceeding following the date when the Wind Projects are fully operational and used for service.
- f. **Depreciation Rates.**
 - i. EDE shall record its depreciable wind assets in FERC Account 341 through 346 and utilize a composite 3.33% depreciation rate for all Wind Project asset accounts beginning when the assets are placed in-service and continuing until such time as depreciation rates may be

changed by order of the Commission. Any other assets that do not qualify for FERC Accounts 341 through 346 shall utilize the currently authorized depreciation rate established in Case No. ER-2016-0023, beginning with such time as the assets are placed in-service and continuing until such time as depreciation terms may be changed by order of the Commission.

- ii. EDE shall consider the Wind Projects as a part of its next depreciation study, if it has enough information concerning the Wind Projects to include them in the depreciation study.

15. In any EDE general rate case(s) that first provide for the inclusion of a Wind Project in rates, the Signatories shall recommend a true-up period that ends no later than five (5) months prior to the operation of law date. Further, in such general rate case(s), the Signatories shall recommend that (i) EDE's equity percentage for purposes of establishing its capital structure should be in a range of 47%-53%; (ii) its debt cost should be reasonable for an electrical corporation with a BBB credit rating with a cost of debt imputed only for any debt issued during a period in which EDE carried a credit rating below BBB; and, (iii) the initial tax equity investment at the time of acquisition shall not be used as debt or equity for purposes of calculating the regulatory capital structure.

16. **Future Regulatory Reviews.**

- a. EDE agrees that for any of the Wind Projects physically located in the state of Missouri, and for any Wind Projects which are located outside of the state of Missouri for which a Certificate of Convenience and Necessity ("CCN") is required by Commission regulations, EDE shall file a request

for a CCN with respect to its interest in the Wind Projects, consistent with Commission Rule 4 CSR 240-3.105,² before authorizing construction of the facilities. The Signatories agree to not contest the need for the Wind Projects and to make good faith efforts to process the CCN application(s) and request a Commission order within 120 days of filing such an application(s), including any CCN application that is filed before an order is received in this docket. Empire agrees in such CCN cases to provide responses to data requests on a more expedited schedule than provided by Commission regulations.

- b. If EDE plans to utilize financing in association with acquisition of the Wind Projects that encumbers its franchise, works or system necessary or useful in the performance of its duties to the public, as described by Section 393.190, RSMo, it shall request such authorization. The Signatories shall make a good faith effort to process the application and request a Commission order within 120 days of filing such an application, including any such application that is filed before an order is received in this docket. Empire agrees in such a financing case to provide responses to data requests on a more expedited schedule than provided by Commission regulations.

17. **Customer Protections.**

- a. Within sixty days after Wind Project(s) purchase agreements have been executed, EDE shall draft and propose to the Signatories, a set of

² References herein to specific Commission rules are expressly intended by the Signatories to include successor rules with substantially the same content and language, however renumbered or reorganized.

in-service criteria for the Wind Project(s). The draft proposal shall utilize criteria established for the Spearville II Wind Energy Facility, Case No. ER-2010-0355 as a starting point.³ The Signatories shall use good faith efforts to agree to a set of criteria and file in this Case No. EO-2018-0092 within 120 days after the Company executes such purchase agreements.

- b. EDE agrees that should there be any offset received by EDE, through a decreased purchase price for the Wind Projects or otherwise, for reasons including, but not limited to, a determination that the Wind Projects are not eligible to receive 100% of the Federal Production Tax Credits (“PTCs”) for the actual output from the Wind Projects, then the benefit to EDE of such remedy shall flow back to customers. Any remedy consisting of monetary damages that do not immediately flow back to customers shall be booked as a regulatory liability for consideration in a future rate case.
- c. The Signatories agree that a market price protection mechanism, as further described in Appendix A, shall be implemented. In general terms, that mechanism seeks to provide for the sharing of risk between customers and shareholders associated with the possibility of reduced market prices and wind production. Such mechanism reflects the possibility that all Wind Projects may not be included in EDE rates in the same rate case. As such, the mechanism shall go into effect on the

³ See True-Up Direct Testimony of Noumvi G. Ghoms, filed February 22, 2011, Case No. ER-2010-0355.

first day of the month after the effective date of rates in which a Wind Project is first placed into rates and shall remain in effect for 10 years following the effective date of rates resulting from the first general rate case in which all Wind Projects are included in rates.

- d. EDE agrees that it shall not file tariffs seeking to implement a general rate case prior to April 1, 2019.

18. **Tax Equity.**

- a. EDE, through its ownership in Wind Holdco(s), is authorized to contract with tax equity partner(s) for financing of the Wind Projects (a tax equity agreement) so long as consistent with the following parameters:

	Sponsor (Empire)	Tax Equity Partner(s)
Approximate Initial Capital Contribution	** _____ **	** _____ **
Approximate Expected Return	As determined in future rate cases	** _____ **
Partnership taxable income allocations		
Years 1 to 10 (flip date⁴)	1%	99%
Thereafter	90%-95%	5%-10%
PTC Allocation		
Years 1 to 10	1%	99%
Partnership cash distributions		
Years 1 to 5	100%	0%
Years 6 to 10 (flip date)	75%-50%	25%-50%
Thereafter	90%-95%	5%-10%
Contingent contributions		
Years 1 to 10	None	0% to 2% of Wind Project capital cost per year. Based on actual production in excess of a threshold
Purchase Option	After the flip date, the Class B Members will have an option to purchase all of the Class A Interests, for 100% of their fair market value	None
Creditworthiness	N/A	A-/A3 or better

⁴ The “flip date” is the date at which the tax equity partner(s) has achieved its expected return, scheduled to be approximately 10 years from the commencement of commercial operations.

- b. EDE, through its ownership in Wind Holdco(s), shall enter into any such tax equity agreements with a tax equity partner before the Notice to Proceed with Construction is issued for each Wind Project.
- c. In association with the tax equity agreement, EDE is further authorized to enter into fixed price hedging agreement(s) with Wind Project Co(s). whereby EDE will pay to or receive from the Wind Project Co. the difference between the market price and a fixed hedge price and receive all Renewable Energy Credits from the Wind Project Co. to the extent necessary to secure tax equity financing for the Wind Project Co(s).
- d. EDE shall file a notice in Case No. EO-2018-0092 and provide copies of each tax equity agreement to the Signatories within 30 days of execution of those documents.
- e. In the event that EDE, through its ownership in Wind Holdco(s), enters into a tax equity agreement that does not meet any of the parameters set forth in the table above, EDE must provide explanation in its Notice identified above as to why any alternate terms are reasonable and in the public interest.

19. **Asbury.**

- a. The Signatories agree that Asbury shall not be retired at this time. However, the Signatories acknowledge that neither this Stipulation nor an order approving such Stipulation mandate the retirement of Asbury and that its future operations shall be determined at the discretion of management.

- b. The Signatories agree to not contest, and recommend that the Commission find, that the decision to comply with the Environmental Protection Agency's coal combustion residuals rules and effluent limitation guidelines (the "CCR Investment") for Asbury, under the terms of this Stipulation, is reasonable, given the information presented in Case No. EO-2018-0092, and considering that EDE must make decisions prospectively, rather than in reliance on hindsight. In the event that Asbury is subsequently retired prior to the full depreciation of the CCR Investment, the Signatories agree that in future general rate cases they shall not object to EDE's recovery of the return on at its weighted average costs of capital and return of the net CCR Investment.
- c. The Signatories agree to not contest, based on an allegation that Asbury should have been retired: (i) the sufficiency of the financial performance of Asbury unless it is not bid into the SPP IM in accordance with applicable SPP IM rules; (ii) the recovery of operations and maintenance expense during the period of Asbury's continued operation; or; (iii) the need for fuel cost recovery. The Signatories recognize that this Stipulation does not preclude the Commission and the Signatories from reviewing the reasonableness of the costs of the items listed in this paragraph in a future general rate proceeding.
- d. Asbury's continued operation may be considered in EDE's future

Electric Utility Resource Planning filings pursuant to 4 CSR 240-22, or in any future general rate case.

20. **Non-Residential Access to Renewable Energy and Credits.** The Signatories agree that in its first general rate case after the Wind Projects are placed in-service, EDE shall propose a tariff which implements a program by which non-residential customers may be assigned a portion of Renewable Energy Credits received from the Wind Projects.

21. **Auditing, Inspection of Books and Records.** Staff, the Office of the Public Counsel (“OPC”), and the Signatories shall have the authority to review, inspect and audit books, accounts and other records held by EDE, Liberty Utilities Service Corp., Wind Holdco(s), and Wind Project Co(s), for the purposes of ensuring compliance with Commission Rule 4 CSR 240-20.015 and this Stipulation, and making findings available to the Commission. EDE shall make all such books, accounts, and other records available for inspection at one or more locations in Missouri. This provision is not intended to restrict or limit the existing powers of the Staff, OPC, or any Signatory to review, inspect and audit.

22. **Affiliate Agreements.**

- a. The Signatories recommend that EDE be granted a variance, pursuant to Commission Rule 4 CSR 240-20.015(10), from Commission Rule 4 CSR 240-20.015(2)(A), and (3), as to the following arrangements between EDE and affiliates necessary to own and operate the Wind Projects so that goods and services provided under these contracts may be priced in the same manner that they are currently priced by Liberty Utilities Service Corp. (“Service Corp.”), to include both direct and indirect costs:

Asset Management Agreement: Under this agreement, employees of Service Corp. that provide services to Empire will provide all asset management services to the Wind Project Co., including (a) management of all agreements for the Wind Project Co.; (b) management of energy/financial reporting; (c)

management of all banking/financing agreements; (d) management of all landowner/local tax/municipal issues; (e) management of all government permits/regulatory issues including NERC/FERC; (f) management of all reporting for lenders/investors; (g) project management services; (h) optimization of performance of the wind farm; (i) obtaining insurance and other professional services necessary for the wind farm, and; (j) state/federal regulatory management/reporting services for the Wind Project Co.

Balance of Plant Operations and Maintenance Agreement: Under this agreement, employees of Service Corp. that provide services to Empire will provide the balance of plant O&M services to the Wind Project Co. including operations and maintenance services for the main substation and collection system and access for road maintenance.

Energy Services Agreement: Under this agreement, employees of Service Corp. that provide services to Empire will provide energy management services to the Wind Project Co. including: (a) acting as the market participant; (b) daily/periodic scheduling services for the wind farm; (c) managing all hedge agreements, and; (d) representing the wind farm in SPP activities.

- b. The Signatories recommend that EDE be granted a variance, to the extent necessary pursuant to Commission Rule 4 CSR 240-20.015(10), from Commission Rule 4 CSR 240-20.015(2)(A), and (3), as to the fixed price hedging agreement(s) with Wind Project Co(s) described in paragraph 18.c. above.

23. **Most Favored Nations Clause.** Within ten (10) days after EDE receives final orders from the public utility commissions in Arkansas, Kansas, and Oklahoma⁵ granting approval for the acquisition of the Wind Projects in conjunction with tax equity partners, EDE shall submit copies of the Orders in Case No. EO-2018-0092. Upon agreement of the Signatories, any concessions or conditions concerning matters within the scope of Case No. EO-2018-0092 favorable to customers shall be appended to this Stipulation and inure to the benefit of EDE's Missouri customers. If unanimous consent is not obtained from all Signatories, any

⁵ The Signatories acknowledge that they have received and reviewed the Joint Stipulation and Settlement Agreement filed on April 2, 2018, in Oklahoma Corporation Commission Cause No. PUD 201700471. Therefore the Signatories agree that as to Oklahoma, this provision is only relevant to the extent there are material revisions to that Joint Stipulation.

Signatory may request that the Commission extend any concessions and/or conditions, or comparable value to such concessions and/or conditions, to Missouri customers. This section shall not apply to any conditions surrounding location preferences of any of the proposed wind farms, the treatment of benefits associated with the Tax Cuts and Jobs Act of 2017, the length of any rate moratorium, or the magnitude of EDE's maximum exposure under the market protection provision described in Section 18(c) and Appendix A.

Provisions Stemming from File No. ER-2018-0228 (Tax Rate Reduction - EDE)

24. **Tax Reform.** EDE shall file revised retail tariff sheets in an appropriate timeframe that would allow such tariffs to take effect October 1, 2018. The tariffs shall reflect a reduction in base rate revenue as the result of the implementation of the Tax Cuts and Jobs Act of 2017. The reduction in the annual revenue requirement represents the calculated revenue requirement utilized in current base rates utilizing a federal corporate income tax rate of 35%, compared to a recalculated revenue requirement using the reduced federal corporate income tax rate of 21%. The attached **Appendix B** displays the annual reduction, along with the revised annual revenue requirement as well as the allocation of the reduced revenue requirement to the individual rate classes.

25. **Excess ADIT.** EDE shall establish a regulatory liability to account for the tax savings associated with excess Accumulated Deferred Income Taxes ("ADIT").

- a. EDE will record a regulatory liability for the difference between the excess ADIT balances included in current rates, which was calculated using the 35% federal corporate income taxes, versus the now lower federal corporate income tax rate of 21%.
- b. EDE is in the early stages of evaluating the cost and ability to use the Average

Rate Assumption Method (“ARAM”) as a method for computing and normalizing excess ADIT. If EDE determines that it is unable to use the ARAM, EDE shall notify the Signatories within thirty (30) days of such determination. EDE shall provide testimony and support in its next general rate case of its proposed methodology in dealing with the balances.

- c. The calculation of the Regulatory Liability of excess ADIT will begin as of January 1, 2018.
- d. The Signatories intend to appropriately reflect excess ADIT in future customer rates using a methodology consistent with the tax normalization requirements specified by IRS normalization principles. The Signatories agree that, in the event the IRS asserts that the terms of this Stipulation create a violation of normalization requirements, this Stipulation shall be amended to cure and prevent any normalization violation.

26. The only issue remaining in File No. ER-2018-0228 is the design of rates to flow back to customers the annual revenue requirement reduction provided for above in paragraph 24.

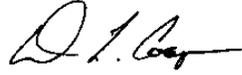
WHEREFORE, the Signatories respectfully request the Commission to issue an order approving this Stipulation and Agreement and authorizing the Company to take such other

actions as are necessary to implement the terms hereof.

 <p>Dean L. Cooper MBE #36592 Diana C. Carter MBE #50527 BRYDON, SWEARENGEN & ENGLAND P.C. 312 E. Capitol Avenue P. O. Box 456 Jefferson City, MO 65102 (573) 635-7166 dcarter@brydonlaw.com dcooper@brydonlaw.com ATTORNEYS FOR THE EMPIRE DISTRICT ELECTRIC COMPANY</p>	<p><u>//S// Marcella L. Forck by dlc</u> Marcella L. Forck Associate Staff Counsel Missouri Bar No. 66098 P. O. Box 360 Jefferson City, MO 65102 (573) 751-4140 (Telephone) (573) 751-9265 (Fax) Marcella.Forck@psc.mo.gov</p> <p>ATTORNEY FOR THE STAFF OF THE PUBLIC SERVICE COMMISSION</p>
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CERTIFICATE OF SERVICE

I hereby certify that the above and foregoing document was filed in EFIS on this 24th day of April, 2018, with notice of the same being sent to all counsel of record.



A handwritten signature in black ink, appearing to read "D. J. Coyle", is written above a horizontal line.