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Renew Missouri – Exhibit 800 James Owen Surrebuttal Testimony File No. EA-2023-0017

Exhibit No.:	
Issues:	Public Interest Versus Landowner Interests, Intent of the Legislature
Witness:	James Owen
Sponsoring Party:	Renew Missouri Advocates
Type of Exhibit:	Surrebuttal Testimony
Case No.:	EA-2023-0017
Date Testimony Prepared:	May 15, 2023

MISSOURI PUBLIC SERVICE COMMISSION

EA-2023-0017

SURREBUTTAL TESTIMONY

OF

JAMES OWEN

ON BEHALF OF

RENEW MISSOURI ADVOCATES

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I. <u>Introduction</u>

1

- 2 Q: Please state your name, title, and business address.
- 3 A: My name is James Owen and I am the Executive Director, Renew Missouri Advocates
- 4 d/b/a Renew Missouri ("Renew Missouri"). My business address is 915 East Ash,
- 5 Columbia, MO 65201.
- 6 Q: Please describe your education and background.
- 7 A: I obtained a law degree from the University of Kansas as well as a Bachelor of Arts in
- 8 Business and Political Science from Drury University in Springfield. Relevant to this case,
- I also come from a farming background. My parents operated a dairy farm for thirty years
- in Webster County before switching to beef cattle and it remains in operation. The family
- farm is several hundred acres including areas my family has used for agriculture purposes
- for nearly one hundred years. Further, I would note that in 2014 a transmission line
- owned and operated by the KAMO Electric Cooperative generation and transmission
- organization was slated to be built over three different parcels of the property. My family
- disagreed with the project as well as the compensation and took the matter to court where
- the legal dispute was settled between the parties. I reference this because I believe there
- are several parties to this case who may consider my testimony to be without the context
- of how farms operate and how transmission lines supposedly disrupt farming practices. I
- do have this context, at the most personal level one can have, and I still offer support for
- this project.
- 21 Q: Please summarize your professional experience in the field of utility regulation.
- 22 A: Before becoming Executive Director of Renew Missouri, I served as Missouri's Public
- Counsel, a position charged with representing the public in all matters involving utility

companies regulated by the State. While I was Public Counsel, I was involved in several
rate cases, CCN applications, mergers, and complaints as well as other filings. As Public
Counsel, I was also involved in answering legislators' inquiries on legislation impacting
the regulation of public utilities. In my role as Executive Director at Renew Missouri, I
continue to provide information and testimony on pieces of proposed legislation that may
impact how Missouri approaches energy efficiency and renewable energy.

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7 Q: Have you been a member of, or participant in, any workgroups, committees, or other groups that have addressed electric utility regulation and policy issues?

In May 2016 I attended the National Association of Regulatory Utility Commissioners ("NARUC") Utility Rate School. In the Fall of 2016, I attended Financial Research Institute's 2016 Public Utility Symposium on safety, affordability, and reliability. While I was Public Counsel, I was also a member of the National Association of State Utility Consumer Advocates ("NASUCA") and, in November of 2017, the Consumers Council of Missouri named me the 2017 Consumer Advocate of the Year. Most recently, I was appointed to the Missouri Net Metering Task Force that was created by statute in 2022.

Q: Have you testified previously, participated in cases, or offered testimony before the Missouri Public Service Commission?

In my prior role as Acting Public Counsel, I participated in a number of cases before the Missouri Public Service Commission (the "Commission" or "PSC") as an attorney and director of that office. During that time, I also offered testimony in rulemaking hearings before the Commission. Since becoming Executive Director of Renew Missouri, I have contributed to Renew Missouri's filed testimony in a number of matters. Attached as **Schedule JO-1** is a list of my case participation.

- Q: Have you testified previously, participated in cases, or offered testimony before any other state regulatory bodies?
- A: Yes, in my capacity as an expert witness employed by Renew Missouri, I have provided testimony on behalf of a coalition of clean energy advocates before the Kentucky Public Service Commission involving Kentucky Power Company's 2020 rate case with a specific emphasis on the Company's proposed rates for net-metered customers. In addition, I was recently retained to serve as an expert witness before the Kansas Corporation Commission in Evergy's pending KEEIA Cycle-One portfolio. I have also provided consulting for clean energy advocates around the country regarding on-bill finance tariff programs such as Pay As You Save®.

II. Purpose and summary of testimony

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Q: What is the purpose of your testimony?

In my Surrebuttal Testimony, I discuss the greater public interest served by Grain Belt Express, LLC's ("Grain Belt") proposed amendments to the approximately 800-mile, high voltage, direct current transmission line for which the Commission granted a Certificate of Convenience and Necessity ("CCN") in case number EA-2016-0358 (the "Certificated Project"). Additionally, I discuss the balance between the public interest versus the interests of individual landowners. I respond to Missouri Farm Bureau (the "Farm Bureau") witness Garrett Hawkins' notion that takings by a private, out-of-state, and for-profit company are an abuse of eminent domain. I further address landowner intervenor Patricia Stemme's argument that the economic benefits provided by the proposed amendments to the project render it unqualified for use of eminent domain. Finally, I discuss the intent of the Missouri Legislature with House Bill 2005, now Paragraph 8 of Section 523.010

RSMo., and how this application furthers these objectives despite the objections of other parties.

Q: What is your recommendation to the Commission in this case?

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A:

The Commission should approve Grain Belt's Application to Amend its existing CCN. The Certificated Project was slated to deliver 500 MW of clean, affordable wind energy into Missouri benefiting Missouri utilities and serving the public interest. Grain Belt now seeks an amendment to the original CCN, allowing it to deliver 2500 MW of clean electricity into Missouri through increasing the size of the Missouri converter station and the proposed Tiger Connecter line (the "Amended Project"). The Amended Project only amplifies the benefits the Commission originally determined would be delivered to Missouri, serving the greater public interest, and complies with the spirit of the recent legislation passed with the input of Grain Belt and landowners alike.

III. The Public Interest Versus Individual Landowner Interests

Q: Please summarize the testimony for which you are responding.

Farm Bureau witness Garrett Hawkins testifies that the use of eminent domain to carry out the Amended Project would constitute an abuse of eminent domain. Mr. Hawkins believes the Amended Project is simply a bid to, "...take private property to build a for-profit project, controlled by an out-of-state company that has no plan or provision to share profits with landowners..." Mr. Hawkins further argues Grain Belt has grossly underestimated the Project's impact on landowners and landowners will be unfairly burdened for years to come if the Amended Project was approved. Finally, landowner Patricia Stemme argues

¹ EFIS File No. EA-2023-0017, Doc. No. 141: Rebuttal Testimony of Garrett Hawkins, pg. 5.

the primary purpose of the Amended Project is economic development and is therefore prohibited by statute from exercising eminent domain authority.

How is the greater public interest served by Grain Belt's proposed amendment?

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"Transmission is the backbone of our nation's electric grid." That comes from Ameren Missouri's Chief Renewable Development Officer Ajay Arora, who spoke at the Advancing Renewables Conference in Columbia, Missouri on a panel entitled "Utility Executive Roundtable: Thinking Strategically About Renewable Energy." This concept is certainly not new, but has become increasingly consequential as the shift to clean energy has gained momentum. Despite the name of this panel discussion, much of the conversation between Missouri-based utility executives centered around the need for transmission to facilitate the movement away from fossil fuel generation to cleaner, more sustainable resources. Mr. Arora suggested, while coal was once the backbone of the electric grid, that important foundational role has shifted to transmission infrastructure. I completely agree and endorse that sentiment.

Multiple experts in this case have underscored not only the importance of transmission infrastructure in general, but also the specific benefits the Amended Project will deliver to Missouri and the region. Clean Grid Alliance ("CGA") witness Michael Goggin testifies Grain Belt's proposed amendment will provide Missouri with access to high quality renewable resources from Kansas to meet long-term demand with low-cost, reliable, and clean electricity.² Sierra Club witness Michael Milligan testifies to the Amended Project's ability to alleviate congestion and provide increased access to economic resources that would otherwise be unavailable in Missouri.³ Both witnesses cite

² EFIS File No. EA-2023-0017, Doc. No. 135: Rebuttal Testimony of Michael Goggin.

³ EFIS File No. EA-2023-0017, Doc. No. 129: Rebuttal Testimony of Michael Milligan.

the Amended Project as a means to reduce renewable curtailment by delivering renewable energy to areas with immediate need.⁴ Moreover, these experts outline the ability of interregional transmission to pave the way for a more coordinated approach to resource planning thus allowing for greater reliability and system benefits.⁵

More specifically, Missouri Electric Commission ("MEC") witnesses John Grotzinger, John Twitty, and Rebecca Atkins all testify to the need for clean, least-cost renewable energy for the municipal utilities in the state. Ms. Atkins highlights that the addition of 2,500 MW of renewable energy into Missouri will lower marginal energy costs for the entire MISO footprint, thus allowing MEC members to save money. Mr. Grotzinger describes the unmet demand for renewable energy within MEC members, and notes that with the Amended Project operational, the Missouri Public Energy Pool's portfolio of renewable energy will increase from 15% to 25%.

Many of these factors were considered by the Commission previously in its decision to grant Grain Belt a CCN for the Certificated Project in case number EA-2016-0358. In its *Report and Order on Remand*, the Commission reiterated its, "...strong support for the 'development of economical renewable energy sources to provide safe, reliable, and affordable service while improving the environment and reducing the amount of carbon dioxide released into the atmosphere." Moreover, the Commission stated,

"There can be no debate that our energy future will require more diversity in energy resources, particularly renewable resources. We are witnessing a worldwide, long-term, and comprehensive movement towards renewable energy in general and wind energy specifically. Wind energy provides great

⁴ *Id*.

⁵ *Id*.

⁶ EFIS File No. EA-2023-0017, Doc. No. 128: Rebuttal Testimony of Rebecca Atkins; Doc. No. 130: Rebuttal Testimony of John Twitty; and Doc. No. 132: Rebuttal Testimony of John Grotzinger.

⁷ Rebuttal Testimony of Rebecca Atkins, pg. 3-8.

⁸ Rebuttal Testimony of John Grotzinger, pg.7-9.

⁹ EFIS File No. EA-2016-0358, Report and Order on Remand.

promise as a source of affordable, reliable, safe, and environmentally-friendly energy. The Grain Belt project will facilitate this movement in Missouri, and will thereby benefit Missouri citizens, and is, therefore, in the public interest."¹⁰

The factors informing the Commission's original decision are even better served by the proposed amendment. The Amended Project will provide for an additional 2,000 MW – for a total of 2500 MW – of affordable, reliable, safe, and environmentally-friendly wind energy at a time where Missouri utilities are in the process of implementing the rapid shift to renewable energy in the short term. Since the Commission's *Report and Order on Remand*, studies have uncovered an even greater need for transmission infrastructure and specifically inter-regional transmission lines. As the CGA, MEC, and Sierra Club witnesses have described, transmission is a foundational piece of the clean energy transition and key to allowing Missourians the ability to unlock the greatest benefit from renewable resources.

Q: What are the primary landowner concerns expressed in this case?

Mr. Hawkins cites Grain Belt being an out-of-state, for-profit entity as a key factor in what he claims to be an abuse of eminent domain. Moreover, Mr. Hawkins asserts concerns that Grain Belt's primary purpose is not to serve Missouri customers, but rather to deliver a "small portion" of electricity to Missouri on its way to more lucrative markets on the East Coast. Mr. Hawkins further shares his concern that the project is controlled by an out-of-state company with no plan or

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 $^{^{10}}$ Id

¹¹ Rebuttal Testimony of Garrett Hawkins, pg. 4-5.

¹² *Id*. at 5.

provision to share profits with impacted landowners.¹³ Landowner and intervenor Patricia Stemme testifies to her belief that the proposed amendment is an "economic development" project and therefore unqualified to utilize eminent domain.¹⁴

Q: How do you respond?

A:

Despite Mr. Hawkins' assertions, the fact that Grain Belt is an out-of-state corporation is not factually relevant to determining whether approval of the proposed amendment would result in abuse of eminent domain. In its *Report and Order on Remand*, the Commission determined that Grain Belt was an electrical corporation subject to its jurisdiction. Moreover, the Commission determined Grain Belt was a public utility, given that it would offer indiscriminate transmission service in Missouri, therefore serving the public use. Nothing about the service Grain Belt will provide has changed due to the proposed amendment, aside from the increased amount of energy delivered to Missouri.

The power to utilize eminent domain is granted to public utilities by the provisions of Chapter 523 of the Revised Missouri Statutes. Section 386.020, RSMo. provides the statutory definition for "public utility," which includes electrical corporations such as Evergy Missouri Metro and Evergy Missouri West, Ameren Missouri, and Liberty-Empire. Missouri law also extends eminent domain authority to rural electric cooperatives.

¹³ *Id*.

¹⁴ EFIS File No. EA-2023-0017, Doc. No. 127: Rebuttal Testimony of Patricia Stemme, pg. 1-8.

¹⁵ EFIS File No. EA-2016-0358, Report and Order on Remand, pg. 37-38.

¹⁶ *Id*. at 38.

These statutory provisions include no requirement that the electrical corporation or cooperative be incorporated or headquartered within the state of Missouri to exercise eminent domain authority. Moreover, both Evergy utilities and Liberty-Empire have significant managerial presence in Kansas and Canada, respectively. I have never seen a challenge to eminent domain authority based on the out-of-state leadership of those utilities, and I suspect that any such challenge would be quickly dismissed. As the Commission has already determined that Grain Belt meets the same statutory definitions of the above-referenced utilities in the state, Mr. Hawkins' argument should be disregarded accordingly. Finally, there is no precedent for requiring private companies that meet the definition of a public utility to somehow share profits with landowners impacted by eminent domain takings. Put another way, what Mr. Hawkins references as an abuse of eminent domain is simply the use of eminent domain as permitted by Missouri law.

The "economic development" versus "public use" issue was brought to the forefront of the nation's attention with the *Kelo v. City of New London* decision in 2005. While the Supreme Court ultimately held the City of New London's economic development plan was a permissible use of eminent domain, the Court acknowledged that states were permitted to enact more protective standards. Missouri's legislative response to this decision – Section 523.271, RSMo. – states private property cannot be taken by eminent domain solely for the purpose of economic development.¹⁷ The statute defines economic development as, "… use of a specific property or properties which would provide an increase in the tax base,

¹⁷ Section 523.271.1, RSMo.

tax revenues, employment, and general economic health..."¹⁸ Ms. Stemme cites the project's economic benefits to Missouri ratepayers, the energy the project will deliver to utilities and businesses in Missouri, the job creation benefits, the income and property tax benefits, and the overall increase in economic activity this project will deliver as evidence that the Amended Project is an economic development project and therefore statutorily barred from exercising eminent domain.¹⁹ However, Ms. Stemme also references the Direct Testimony of Grain Belt witness Shashank Sane, stating,

"...the primary objective of the Amended Project is the same as that of the Certificated Project: to transport clean, reliable, low-cost electricity from renewable generation to be built in southwestern Kansas, which has potential for abundant, high-capacity factor wind and solar resources, to the electricity markets in Missouri and Illinois and other states located within or adjacent to the MISO and PJM grids." ²⁰

As Mr. Sane, and Ms. Stemme, point out – the primary purpose of the Amended Project is not economic development, but rather to deliver electricity into Missouri as well as other states within the MISO and PJM footprints. While the Amended Project will provide substantial economic benefits to Missouri, these benefits are a result of the large-scale investment Grain Belt is making to deliver more clean, affordable electricity into our state for the public use. These benefits speak more to the overall public interest served by the Amended Project, which the Commission must balance with individual landowner interests.

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¹⁸ Section 523.271.2, RSMo.

¹⁹ Rebuttal Testimony of Patricia Stemme, pg. 1-8.

²⁰ *Id.* at 2. (citing EFIS File No. EA-2023-0017, Doc. No. 11: Direct Testimony of Shashank Sane, pg. 7.)

Q: How has the Commission balanced landowner concerns with the public interest in the past?

The Commission considered impacts to landowners in its *Report and Order on Remand* approving the Certificated Project in 2019. In that case, the Commission determined negative impacts to landowners would be properly mitigated through a landowner protocol, superior compensation payments, a binding arbitration option for easement negotiations, a decommissioning fund, and an agricultural impact mitigation protocol to avoid or minimize negative impacts to agriculture.²¹ Ultimately, the Commission concluded the project would provide short- and long-term benefits to ratepayers and all Missourians.²² In its view, the Commission believed the larger economic, environmental, and other benefits to the state outweighed individual landowner interests.²³

Q: Do you believe that the public interest served by the Amended Project still outweighs landowner concerns?

Yes – perhaps even more so with the Amended Project than the Certificated Project. The Amended Project will deliver substantially more electricity into Missouri, providing increased access to needed renewable energy in our state, and lowering prices within MISO that will benefit Missouri ratepayers. Just like the Commission determined with the Certificated Project, individual landowner impacts from the Amended Project can be mitigated through ordered conditions and compliance with the Landowner Protocol. In fact, Grain Belt witness Kevin Chandler proposes changes to the Landowner Protocol that

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²¹ EFIS File No. EA-2016-0358, Report and Order on Remand.

²² Id

²³ *Id*.

incorporate the feedback of landowners as	well as the intent of the Legislature with the
passage of House Bill 2005 to more adequat	ely protect landowner interests. ²⁴

You express opinions on the weight that should be given to potential landowner impacts, but do you have any personal experience with land being taken for a transmission project?

As I mentioned in my background, my family farm was subject to a taking by a KAMO Electric Cooperative transmission line. I would note that KAMO²⁵ – while a non-profit – is also an out-of-state entity that is based in Vinita, Oklahoma. Why the Farm Bureau did not object to that transmission project by a private, out-of-state organization as a violation of landowner rights makes little sense given the arguments made in Mr. Hawkins' testimony. Rather, it seems that the Farm Bureau's concerns relate only to Grain Belt whereas the rural electric cooperatives are its political allies.

Given my personal experience, I certainly understand that landowner rights must be carefully weighed in determining whether to grant Grain Belt's Application to Amend. However, the benefits the Amended Project will deliver to our state and our region clearly and undeniably outweigh landowner concerns over aesthetic impact. Moreover, the Farm Bureau raises nothing concrete to support its allegation that Grain Belt has underestimated the impact the line will have on farming activities. With this in mind, the Commission should again conclude that the public interest served by the Amended Project outweighs individual landowner interests.

Q:

A:

²⁴ EFIS File No. EA-2023-0017, Doc. No. 21: Direct Testimony of Kevin Chandler, pg. 17-21.

²⁵ I would further note KAMO is not the generation and transmission cooperative that provides service to our farm. Thus, any argument that our "neighbors" are the ones who made this decision would not be a legitimate counterpoint to this personal anecdote.

IV. The Intent of the Legislature

A:

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2 Q: Please summarize the testimony you would like to respond to.

Mr. Hawkins references the Missouri Farm Bureau's efforts during the 2022 legislative session to secure stronger eminent domain standards for transmission projects.²⁶ He argues that the Amended Project should be evaluated as an entirely new project and it is unclear, based on raising this argument immediately following his discussion of the 2022 legislative session, whether his implication is that the provisions of House Bill 2005 should apply to the Amended Project.²⁷ Finally, Mr. Hawkins claims Grain Belt's proposed amendment is evidence that this was not a well-vetted project and that Grain Belt has changed course in an attempt find an end-user.²⁸

Q: Was Renew Missouri involved in the passage of House Bill 2005?

In addition to serving as an expert witness for Renew Missouri, I also manage our government relations in Jefferson City, including our lobbying efforts. In that capacity, I help draft proposed legislation, monitor filings, testify before committees, and generally provide technical assistance to lawmakers – as well as our contracted lobbyists – on energy-related legislation. To that end, we initially opposed House Bill 2005 and offered testimony against it. However, in the end, the legislation was amended and almost all parties who had fought for and fought against House Bill 2005 agreed the Senate substitute was a good compromise.

Q: Was the Farm Bureau involved in the passage of House Bill 2005?

²⁶ Rebuttal Testimony of Garrett Hawkins, pg. 5.

²⁷ Id

²⁸ *Id*.

1 A: Yes. I personally witnessed representatives lobbying for House Bill 2005 in its original
2 form as well as its amended form. Public comments were made that stopping Grain Belt
3 Express was a top priority of the Farm Bureau.

Q: With this in mind, how do you respond to Mr. Hawkins' arguments?

A:

First, just to clarify, the new legislation does not apply to Grain Belt retroactively. Additionally, House Bill 2005 was passed by both chambers of the Legislature and sent to Governor Mike Parson, who signed the bill into law. But all laws – unless there is an emergency provision – go into effect on August 28th of the year they are signed. There was no emergency provision to House Bill 2005. Thus, it went into effect after Grain Belt's Application to Amend was filed.

Despite this, Grain Belt has proposed amendments embodying the spirit of the legislation and embracing the provisions negotiated with active input from the Farm Bureau, and other groups that opposed Grain Belt Express, that provide increased compensation to landowners. It is quite clear that the Amended Project is a good faith effort to comply with the spirit – and the actual provisions – of House Bill 2005 and will bring increased benefits to landowners along the Amended Project's route and to Missourians as a whole.

What's more, the Grain Belt Express is a project that has been filed multiple times before this Commission over the past decade and subject to numerous rounds of procedure, comment, and legislative debate. The idea that the project is not "well-vetted" fails in the face of the facts. I cannot think of a more well-vetted project, or a project subjected to more regulatory, legal, and legislative scrutiny in recent memory. Certainly, Grain Belt has adapted and evolved from initial Commission concerns that the project would not benefit

Missouri customers. When the initial application for the Certificated Project was refiled, it included specifics about how municipal utilities in Missouri would benefit from clean, lower-cost energy. Now, this Amended Project seeks to increase how much power can be delivered to Missouri customers and yet it still faces the same criticism from monied special interests who have intervened in this case. Mr. Hawkins calls this a "political stunt," but advocates against changes to the project consistent with protections his organization lobbied for just last year. Moreover, Mr. Hawkins' arguments ignore the real savings to Missouri customers and diminish the real clean energy benefits this project will deliver. Missouri customers and diminish the real clean energy benefits this project will deliver.

Q: Based on your engagement with this piece of legislation, do you believe the Amended Project furthers the intent of the Legislature?

Yes, it does. While House Bill 2005 started out as an unconstitutional piece of legislation directed at overturning the 2019 decision of the Commission that granted approval for the Certificated Project, the amended version simply allowed for increases to how much money landowners should be paid in additional compensation for the taking of their land by transmission projects – transmission projects other than those initiated by rural electric cooperatives I should note. Grain Belt's Application to Amend includes several changes that carry out the intent of the Legislature, including payments to landowners consistent with the new statutory language and an increase in the amount of electricity that will be delivered into the state. These factors were key points of focus in negotiating the language

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²⁹ *Id*. at 7.

³⁰ *Id.* [An additional note: the Farm Bureau has fully endorsed Construction Work in Progress legislation filed before the Legislature since 2020. Not only does this legislation overturn a decades-old ballot initiative, it also promises to heap expensive rate hikes on customers for plants not even completed. All in the name of small modular reactors that will not even be considered viable until at least 2030. That seems more of a "political stunt" than anything Grain Belt has put forward in this application.]

- of House Bill 2005 and Grain Belt's efforts to accommodate the spirit of this legislation
- are certainly laudable considering they are not legally bound to do it.
- **3 Q: Does this conclude your testimony?**
- 4 A: Yes.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of the Applica)	
Express LLC for an Amend)		
Of Convenience and Necess)	File No. EA-2023-0017	
Construct, Own, Operate, C)	
Maintain a High Voltage, D	irect (urrent)	
Transmission Line and Asse Station.	ociated	l Convertor)	
	AF	FIDAVIT OF JAM	ES OWE	N
STATE OF MISSOURI)			
COUNTY OF TOOLS)	SS		
COUNTY OF BOONE)			
	tached	surrebuttal testimon	y; and tha	he is of sound mind and lawful at the same is true and correct to
Subscribed and sworn before	re me t	his 12day of May 20	023. ULO	Haltype -Notary Public
				ANDREÁ HARTGROVE NOTARY PUBLIC, NOTARY SEAL STATE OF MISSOURI BOONE COUNTY COMMISSION # 16856841 MY COMMISSION EXPIRES: 01-06-2024

My commission expires: 1-U-Z4

CASE PARTICIPATION OF JAMES OWEN

<u>Date</u>	Proceeding	Docket No.	On Behalf of:	<u>Issues</u>
10/20/2017	In the Matter of	EW-2017-0245	Renew Missouri	Comments:
	a Working Case		Advocates	Distributed
	to Explore			Energy
	Emerging Issues			Resources
	in Utility			
	Regulation			
2/7/2018	In the Matter of	EO-2018-0092	Renew Missouri	Rebuttal:
	the Application		Advocates	Customer
	of The Empire			savings plan,
	District Electric			wind generation,
	Company for			Asbury
	Approval of Its			retirement,
	Customer			federal tax
	Savings Plan			changes
Rebuttal	In the Matter of	ER-2018-	Renew Missouri	Rebuttal:
7/27/2018	KCP&L Greater	0145/ER-2018-	Advocates	Demand
	Missouri	0146		Response
Surrebuttal	Operations			Program
(9/4/2018)	Company's			
	Request for			Surrebuttal:
	Authority to			Demand
	Implement a			Response
	General Rate			Program
	Increase for			
	Electric Service			
	In the Matter of			
	Kansas City			
	Power & Light			
	Company's			
	Request for			
	Authority to			
	Implement a			
	General Rate			
	Increase for			
	Electric Service			
6/8/2018	In the Matter of	ET-2018-0063	Renew Missouri	Surrebuttal:
	the Application		Advocates	Eligibility
	of Union			parameters, wind
	Electric			generation

	Company d/b/a Ameren Missouri for Approval of 2017 Green Tariff			
9/17/2018	In the Matter of Union Electric Company d/b/a Ameren Missouri's 3rd Filing to Implement Regulatory Changes in Furtherance of Energy Efficiency as Allowed by MEEIA	EO-2018-0211	Renew Missouri Advocates	Surrebuttal: Statutory Requirements of MEEIA
9/28/2018	In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and a Certificate of Public Convenience and Necessity Authorizing it to Construct a Wind Generation Facility	EA-2018-0202	Renew Missouri Advocates	Surrebuttal: Second Non- unanimous Stipulation and Agreement; Need for the project; Conservation conditions
11/16/2018	In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for	ET-2018-0132	Renew Missouri Advocates	Surrebuttal: Charge Ahead Programs

1/15/2019	Approval of Efficient Electrification Program In the Matter of a Workshop	AW-2019-0127	Renew Missouri Advocates	Comments: Ratemaking
	Docket to Explore the Ratemaking Process		ravocates	Process
1/22/2019	In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and a Certificate of Convenience and Necessity Authorizing it to Construct a Wind Generation Facility	EA-2019-0021	Renew Missouri Advocates	Surrebuttal: Conservation conditions; Tax revenue; Benefits of wind generation
1/28/2019	In the Matter of Kansas City Power & Light Company's	EO-2019-0132/ EO-2019-0133 (GMO)	Renew Missouri Advocates	Rebuttal: PAYS Program
9/16/2019	Notice of Intent to File an Application for Authority to Establish a Demand-Side Programs Investment Mechanism			Surrebuttal: Energy Efficiency Policy; Additional programs
3/5/2019	In the Matter of the Application of The Empire	EA-2019-0010	Renew Missouri Advocates	Surrebuttal: Benefits of wind generation;

	District Electric Company for Certificates of Convenience and Necessity Related to Wind Generation Facilities			Conservation conditions; OPC's CCN standard
3/27/2019	In the Matter of the Joint Application of Invenergy Transmission LLC, Invenergy Investment Company LLC, Grain Belt Express Clean Line LLC and Grain Belt Express Holding LLC for an Order Approving the Acquisition by Invenergy Transmission LLC of Grain Belt Express Clean Line LLC	EM-2019-0150	Renew Missouri Advocates	Rebuttal: Commission standard; Benefits of transaction
7/15/2019	In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Permission and Approval and a Certificate of Public Convenience and Necessity	EA-2019-0181	Renew Missouri Advocates	Rebuttal: Benefits of wind generation

4

	Under 4 CSR			
	240-3.105			
10/7/2020	Electronic Application of Kentucky Power Company for (1) A General Adjustment of its Rates for Electric; (2) Approval of Tariffs and Riders; (3) Approval of Accounting Practices to Establish Regulatory Assetts and Liabilities; (4) Approval of a Certificate of Public Convenience and Necessity; and 5) All Other Required Approvals and Relief	KPSC Case No. 2020-00174	Mountain Association, Kentuckians For The Commonwealth, and the Kentucky Solar Energy Association	Rebuttal: AMI meters, Net-metering, Energy Efficiency Programs, PAYS®, Economic Impacts, Rate design, Customer charge
3/5/2021	Electronic Application of Kentucky Utilities Company for an Adjustment of its Electric Rates, a Certificate of Public Convenience and Necessity to Deploy Advanced Metering	KPSC Case No. 2020-00349 / Case No. 2020-00350	Mountain Association, Kentuckians For The Commonwealth, the Metropolitan Housing Coalition, and the Kentucky Solar Energy Association.	Direct: AMI meters, Energy Efficiency Programs, PAYS®, Economic Impacts, Rate design, Customer charge

7/13/2021	Infrastructure, Approval of Certain Regulatory and Accounting Treatments, and			Supplemental Direct Testimony: Value of Solar
8/5/2021	Establishment of a One-Year Surcredit. Electronic			Supplemental Rebuttal Testimony: Value of Solar
	Application of Louisville Gas and Electric Company for an			value of Solar
	Adjustment of its Electric and Gas Rates, a Certificate of			
	Public Convenience and Necessity to Deploy			
	Advanced Metering Infrastructure,			
	Approval of Certain Regulatory and Accounting			
	Treatments, and Establishment of a One- Year Surcredit.			
4/16/2021	In the Matter of	Kansas	Climate +	Comments:
	the Investigation into the Sustainability Transformation Plan of	Corporation Commission Docket No. 21- EKME-088-GIE	Energy Project ("CEP")	DER, Electrification, Securitization, Transmission upgrades, Solar
	Evergy Metro, Inc., Evergy Kansas Central, Inc., and Evergy			Resources, Wind Resources, Equitable access

4/30/2021	South, Inc. (collectively Evergy)			to sustainable energy Cross-Answer Comment of Climate + Energy Project Investment in Transmission and Distribution, Merger Conditions,
6/29/2021	In the Matter of the Capital Plan Compliance Docket for Kansas City Power & Light Company and Westar Energy, Inc. Pursuant to the Commission's Order in 18-KCPE- 095-MER	Kansas Corporation Commission Docket No. 19- KCPE-096-CPL	Climate + Energy Project ("CEP")	Comments: Capital Plan, Transmission investments, Energy Efficiency investments, Renewable Investments,
11/1/2021				Comments: IRP modeled Scenarios overview, PVRR analysis, Emissions analysis by Scenario, DSM Plans,
10/15/2021	In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust	ER-2021-0240	Renew Missouri Advocates	Rebuttal: High Prairie Wind Energy Center; Keeping Current Program

	its Revenues for Electric Service			
4/22/2022	In the Matter of the Electronic 2021 Joint Integrated Resource Plan of Louisville Gas and Electric Company and Kentucky Utilities Company	KPSC Case No. 2021-00393	Mountain Association, Kentuckians For The Commonwealth, and the Kentucky Solar Energy Association	Comments: Pay As You Save ®/On-Bill Financing
5/27/2022	In the Matter of the Petition of The Empire District Electric Company d/b/a Liberty to Obtain a Financing Order that Authorizes the Issuance of Securitized Utility Tariff Bonds for Energy Transition Costs Related to the Asbury Plant	EO-2022-0193	Renew Missouri Advocates	Surrebuttal Testimony: Securitization
6/17/2022	In the Matter of the Application of Evergy Kansas Metro, Inc., Evergy Kansas South, Inc. and Evergy Kansas Central, Inc. for Approval of its Demand-Side Management Portfolio pursuant to the	Kansas Corporation Commission Docket No. 22- EKME-254- TAR	Climate + Energy Project ("CEP")	Direct Testimony: MEEIA Programs, Hard- to-Reach Homes Program, Pay As You Save®/On- Bill Financing, Non-Energy Benefits Settlement Testimony:

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	Kansas Energy Efficiency Investment Act ("KEEIA"), K.S.A. 66-1283			Supporting Original Settlement Agreement on Programs and Financial Recovery, Opposing Alternative Settlement Agreement
7/13/2022	In the Matter of Evergy Metro, Inc. d/b/a Evergy Missouri Metro's Request for Authority to Implement a General Rate Increase for Electric Service In the Matter of Evergy Missouri West, Inc. d/b/a Evergy Missouri West's Request for Authority to Implement a General Rate Increase for Electric Service	ER-2022-0129/ ER-2022-0130	Renew Missouri Advocates	Rebuttal Testimony: Time-of-Use Rates for Distributed Generation Customers, Green Pricing REC Program, Energy Burden Data Sharing
1/18/2023	In the Matter of the Application of Union Electric Company d/b/a Ameren Missouri for Approval of a Subscription-Based Renewable Energy Program	EA-2022-0245	Renew Missouri Advocates	Surrebuttal Testimony: Public Interest, Corporate Need for Renewables
1/31/2023	In the Matter of	EA-2022-0328	Renew Missouri	Surrebuttal
	the Application		Advocates	Testimony:

	of Evergy Missouri West, Inc. d/b/a Evergy Missouri West for Permission and Approval of a Certificate of Convenience and Necessity Authorizing It to Operate, Manage, Maintain and Control an Existing Wind Generation Facility in Oklahoma			Public Interest, Value of IRP Process
2/15/2023	In the Matter of Union Electric Company d/b/a Ameren Missouri's Tariffs to Adjust its Revenues for Electric Service	ER-2022-0337	Renew Missouri Advocates	Rebuttal Testimony: Time of Use Rates for Distributed Generation Customers, Residential Customer Charge