

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

STATE OF MISSOURI

PUBLIC SERVICE COMMISSION

)	
)	
In the Matter of the Application)	
of Grain Belt Express LLC for an)	
Amendment to its Certificate of)	
Convenience and Necessity)	File No.
Authorizing it to Construct, Own,)	EA-2023-0017
Operate, Control, Manage, and)	
Maintain a High Voltage, Direct)	
Current Transmission Line and)	
Associated Converter Station)	
)	
)	

The above-entitled matter came on for a Public Hearing before the Public Service Commission and the Honorable Nancy Dippell, Chief Regulatory Law Judge, on the 6th day of March, 2023, with all attendees appearing via WebEx, commencing at 6:00 p.m.

Taken by:
Christine M. Clark, RPR

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

WEBEX APPEARANCES

MISSOURI PUBLIC SERVICE COMMISSION:

Nancy Dippell, Chief Regulatory Law Judge
Scott Rupp, Chairman
Maida Coleman, Commissioner
Jason Holsman, Commissioner
Glen Kolkmeyer, Commissioner

FOR THE STAFF OF THE MISSOURI PUBLIC SERVICE
COMMISSION:

THE STAFF COUNSEL DEPARTMENT
Eric Vandergriff, Esquire
200 Madison Street, Suite 800
PO Box 360
Jefferson City Missouri 65102
Email: staffcounsel@psc.mo.gov

FOR THE PUBLIC AND THE OFFICE OF THE PUBLIC COUNSEL:

OFFICE OF THE PUBLIC COUNSEL
Nathan Williams, Esquire
200 Madison Street, Suite 650
PO Box 2230
Jefferson City, Missouri 65102
Email: opcservice@opc.mo.gov

FOR THE APPLICANT GRAIN BELT EXPRESS LLC:

POLSINELLI PC
Anne E. Callenbach, Esquire
Andrew Schulte, Esquire
900 West 48th Place, Suite 900
Kansas City, Missouri 64112
Email: acallenbach@polsinelli.com
aschulte@polsinelli.com

FOR THE AGRICULTURAL ASSOCIATIONS:

THE LAW FIRM OF HADEN AND COLBERT
Brent E. Haden, Esquire
827 East Broadway, Suite B
Columbia, Missouri 65201
Email: brent@showmelaw.com

1 JUDGE DIPPELL: First, I would like to ask
2 everyone to mute your phone, unless you're speaking.
3 That cuts down on the noise level and prevents any
4 audio feedback.

5 Today is March 6th, 2023. It is 6:00 p.m. in the
6 evening. And the Missouri Public Service Commission
7 has set this time for a virtual public hearing to give
8 members of the public a chance to comment about the
9 application in File Number EA-2023-0017. That's
10 captioned: In the Matter of the Application of Grain
11 Belt Express LCC for an Amendment to its Certificate of
12 Convenience and Necessity Authorizing it to Construct,
13 Own, Operate, Control, Manage, and Maintain a High
14 Voltage, Direct Current Transmission Line and
15 Associated Converter Station.

16 The Missouri Public Service Commission regulates
17 the rates and services of investor-owned public utility
18 companies in Missouri. The Commission ensures the
19 public has access to safe, reliable, and reasonably
20 priced utility service. The Commission must balance
21 the interest of the public, the rate payers, as well as
22 the company shareholders. The company also -- I'm
23 sorry. The Commission also regulates the quality of
24 service and the safety of operations of public
25 utilities in the State of Missouri.

1 The Commission is made up of five commissioners.

2 The commissioners are appointed by the governor to
3 fixed terms and confirmed by the Missouri Senate. The
4 Commissioners employ a staff of engineers, accountants,
5 attorneys, financial analysts and other specialists in
6 the field of utility regulation.

7 My name is Nancy Dippell, and I'm the regulatory
8 law judge presiding over this hearing this evening.

9 We're meeting virtually via WebEx telephone and
10 internet conferencing.

11 Online with me tonight are the Public Service
12 Commissioners, Chairman Rupp. Commissioner Coleman is
13 probably going to be signing in any second, if she's
14 not there already.

15 COMM'R COLEMAN: I am here, Judge.

16 JUDGE DIPPELL: Oh, thank you, Commissioner.

17 COMM'R COLEMAN: You're welcome.

18 JUDGE DIPPELL: Commissioner Holsman and
19 Commissioner Kolkmeyer.

20 This is an official hearing of the Missouri Public
21 Service Commission, and the statements and testimony of
22 witnesses will be recorded by a court reporter and must
23 be given under oath or affirmation.

24 The Commission has not made any decisions in this
25 case, and neither the commissioners nor myself can

1 answer any questions about the issues of the case today
2 because the Commission must remain impartial until
3 after all the evidence is presented.

4 Mr. Chairman, would you like to give some opening
5 remarks?

6 CHAIRMAN RUPP: Yeah. Sure, Judge.

7 I just wanted to thank everybody for being here
8 today and signing on so that we can get your input on,
9 you know, this very important issue that's before us.
10 Please, you know, give us the information that you want
11 us to take back with us and to help deliberate on this
12 issue.

13 The one thing though that the judge said that I do
14 want to repeat is that everything you say will be put
15 into the court record, which we will have access to
16 transcripts, even though I know all the Commissioners
17 are online as well, but we can also go back and review
18 those transcripts as well.

19 The second thing she also said is that we are
20 unable to answer any questions. So we are here to
21 listen, to try to understand what the sentiment is for
22 this project and to listen and to take all that into
23 our consideration. But, unfortunately, we cannot
24 comment. We cannot answer questions. So if you do
25 pose a question to us, unfortunately, you will not get

1 a response. But with that, we do want to hear
2 everything you have to say. We appreciate you taking
3 time out of your schedules to inform us of your
4 opinions and just look forward to all the participation
5 this evening. Thank you.

6 JUDGE DIPPELL: And would any of the other
7 commissioners like to make any opening comments?

8 COMM'R HOLSMAN: Judge, this is Commissioner
9 Holsman. I just want to say we're grateful for them
10 taking the time to share their opinions with us. It
11 does matter and we do listen. So thank you very much.

12 JUDGE DIPPELL: Thank you, Commissioner.

13 Okay. Then before we begin with the testimony, I'd
14 like to get entries of appearance from the parties to
15 the case that want to make their entries.

16 If you're dialed in on a phone, you may have to
17 unmute your phone, as well as you might have to press
18 star 6 to unmute the microphone.

19 Let's begin. Is there anyone with staff?

20 MR. VANDERGRIFF: Good evening, Judge, and
21 everyone. I'm Eric Vandergriff. I'm representing
22 staff for the Missouri Public Service Commission. I'm
23 located at PO Box 360, 200 Madison Street, Jefferson
24 City 65102.

25 JUDGE DIPPELL: Thank you.

1 Office of the Public Counsel?

2 MR. WILLIAMS: Thank you. Nathan Williams,
3 appearing on behalf of the public and the Office of the
4 Public Counsel. My contact information is PO Box 2230,
5 Jefferson City, Missouri 65102.

6 JUDGE DIPPELL: Grain Belt Express?

7 MS. CALLENBACH: Good evening, Judge,
8 Chairman Rupp, Commissioner Holsman, Commissioner
9 Kolkmeyer, and Commissioner Coleman.

10 This is Anne Callenbach and Andrew Schulte,
11 appearing on behalf of the Applicant, Grain Belt
12 Express LLC.

13 JUDGE DIPPELL: And are there any
14 intervenors who wanted to put an entry of appearance
15 on?

16 MR. HADEN: Judge, this is Brent Haden.
17 Sorry.

18 JUDGE DIPPELL: Okay.

19 SPEAKER: Go ahead.

20 MR. HADEN: Judge, this is Brent Haden here,
21 appearing on behalf of Agricultural Associations, and
22 I --

23 JUDGE DIPPELL: All right. Thank you.
24 Go ahead. I'm sorry. I cut you off.

25 MR. HADEN: I was just going to tell you,

1 for the in-person tomorrow, I actually have a
2 scheduling conflict. I've got to bench try a case in
3 Montgomery County tomorrow. So I will not be there for
4 that, but do plan to be back on for Thursday. But I
5 just wanted to let you know that ahead of time, here.

6 JUDGE DIPPELL: Okay. Thank you.

7 MR. HADEN: Thank you.

8 JUDGE DIPPELL: There was someone else who
9 wanted to make an entry.

10 SPEAKER: Thank you. This is --

11 JUDGE DIPPELL: We're having a bit of
12 trouble understanding you. Is that Mr. Agathen? Can
13 you try it again?

14 (Speaker's audio not coming through.)

15 JUDGE DIPPELL: I'm sorry. It's still
16 garbled. Can you maybe hang up and try calling in on a
17 different line?

18 (Speaker's audio not coming through.)

19 JUDGE DIPPELL: I'm sorry. We really can't
20 understand. Let me just ask again. If this is
21 Mr. Agathen, would you speak now?

22 SPEAKER: Yes.

23 JUDGE DIPPELL: Okay. All right. If you
24 can hang up and call back in at a later point, we can
25 get your entry. And if you want to send me an email, I

1 can let the court reporter know who was appearing.

2 Is there anyone else that would like to make an
3 entry? Okay.

4 MR. GAINES: This is --

5 JUDGE DIPPELL: I'm sorry?

6 MR. GAINES: I'm sorry. I'm a little bit
7 late on chiming in. I'm David Gaines from Goldstone
8 Consulting Group in Moberly, Missouri, and would like
9 to, at the proper time, speak on behalf of the project.

10 JUDGE DIPPELL: Okay. When we get to the
11 public comments, then you can. I'll call for
12 additional comments.

13 MR. GAINES: Thank you.

14 JUDGE DIPPELL: Let me go through the rest
15 of this.

16 If there's no other parties that need to -- and by
17 parties, I mean direct parties that have intervened in
18 the case. So if there's nobody else, then we will go
19 ahead.

20 So the process we're going to follow tonight is
21 that I'm going to call the names listed on -- we had a
22 preregistration sign-up. I'm going to call those names
23 first to testify. When I call your name, please go
24 ahead and unmute your phone, and if you need to unmute
25 the microphone, it's star 6. And I'll ask you to swear

1 or affirm to tell the truth, and then I'll ask you to
2 state and spell your name for the court reporter. And
3 then you can give your comments to the Commission.

4 And so that we can hear from everybody who would
5 like to speak, comments will be limited to five minutes
6 per person. So I may interrupt you if your comments go
7 long. If you're unable to complete your comments
8 before the time has expired, you can submit those
9 comments in writing by going to psc.mo.gov. So
10 psc.mo.gov, or by calling the Commission's Consumer
11 Services hotline at 1(800)392-4211.

12 So please remain on the line after you've given
13 your remarks. There could be follow-up questions from
14 the commissioners or myself. And if the attorneys have
15 any clarifying questions, they can let me know at that
16 time.

17 After the preregistration list sign-up has
18 testified -- and I only have nine -- or, I'm sorry --
19 five names on that list right now. After those people
20 have testified, then I'll ask if there's any other
21 witnesses that wish to testify. And it may take a
22 little bit of juggling to get everybody one at a time,
23 but it ends up working out.

24 So I'll take comments then from anyone that would
25 like to speak, and we'll stay online until everyone's

1 had a chance. Also -- well, I think that's actually
2 all I had to say, except that for those of you who are
3 logged in on the internet, I would not recommend using
4 the chat feature, as it may or may not be monitored
5 such that you get any answers, but it will be -- and
6 the whole video call and telephone call is being
7 recorded, as well as the court reporter taking it down,
8 and that will be transcribed and put in the record.

9 So, with that, we can go ahead and begin with
10 testimony. So the first person I have on my list is
11 Mae Graham.

12 Is Mae Graham on the line? Oh, there she. You can
13 unmute yourself.

14 MS. GRAHAM: I'm here.

15 JUDGE DIPPELL: All right. If you would
16 raise your hand, if you're able. And do you solemnly
17 swear or affirm the testimony you're about to give will
18 be the truth?

19 MS. GRAHAM: I do.

20 JUDGE DIPPELL: Thank you.

21 Could you state your name and spell it for the
22 court reporter?

23 MS. GRAHAM: Mae, M-a-e; Graham,
24 G-r-a-h-a-m.

25 JUDGE DIPPELL: Thank you. Go ahead and

1 give us your comments.

2 MS. GRAHAM: Okay. I'm from Macon, and, as
3 you know -- and I'm not sure. I'm talking about the
4 Grain Belt Express, and I don't know if that's what
5 everybody is tonight, or not.

6 JUDGE DIPPELL: That's what we're talking
7 about this evening.

8 MS. GRAHAM: And excuse my cough.

9 We're one of -- Macon is one of the 39 cities that
10 is signed up to be on the Grain Belt Express. They, at
11 the moment, make their own energy, and it's kind of
12 high. And I'm on disability and a fixed income, and
13 the cost of everything that has been rising has me
14 concerned, and utilities are really high right now.
15 And I'm more than concerned. I'm actually -- I'm
16 scared because I don't know what's going to happen.
17 And I am for the Grain Belt Express and hope that it
18 can help us. Thank you. I'm done.

19 JUDGE DIPPELL: Okay. Thank you for your
20 comment.

21 MS. GRAHAM: But I have to ask you, when I'm
22 done, do I stay on, or do I click it off?

23 JUDGE DIPPELL: After you're done, I'm going
24 to ask if the commissioners have any questions for you.
25 And then once we do that, if they don't, you're welcome

1 to stay or you're welcome to leave. It's up to you.

2 MS. GRAHAM: Okay. Thank you.

3 JUDGE DIPPELL: Is there anything from any
4 of the commissioners for Ms. Graham?

5 Okay. Thank you, Ms. Graham. We appreciate your
6 testimony.

7 MS. GRAHAM: You're welcome.

8 JUDGE DIPPELL: The next name I have on my
9 list is Susan Goodman. Is Ms. Goodman on this, on the
10 line? You may have to push star 6. There.

11 Is that Ms. Goodman?

12 MS. WIDEMAN: It doesn't do anything. It
13 says they're not able to do that.

14 JUDGE DIPPELL: Is that Ms. Goodman
15 speaking?

16 MS. WIDEMAN: I'm sorry?

17 JUDGE DIPPELL: Is that Ms. Goodman?

18 MS. WIDEMAN: Wideman. My name is Susan
19 Wideman.

20 JUDGE DIPPELL: Oh, okay.

21 MS. WIDEMAN: S-u-s-a-n, W-i-d-e-m-a-n.

22 JUDGE DIPPELL: Okay. Ms. Wideman, would
23 you please raise your right hand, if you're able?

24 MS. WIDEMAN: Yes.

25 JUDGE DIPPELL: Do you solemnly swear or

1 affirm the testimony you're about to give at this
2 hearing will be the truth?

3 MS. WIDEMAN: Yes.

4 JUDGE DIPPELL: Okay. Go ahead and give us
5 your comments.

6 MS. WIDEMAN: Okay. My name is Susan
7 Wideman. I reside in St. Louis County, Missouri. I
8 inherited a little under 80 acres from my mother when
9 she passed away. My great grandparents owned 160 acres
10 originally. I am the fourth-generation owner of this
11 property.

12 The Tiger Connect transmission line, as presently
13 proposed, appears to dissect my property on a diagonal.
14 The project creates a large footprint which reduces my
15 viable acreage to plant corn and soybeans. This will
16 reduce revenue for myself, as well as the person who
17 farms it for me. Our agreement was set up between
18 previous generations to split 50/50 costs, as well as
19 revenue from what is produced.

20 Additionally, from the time the property passed to
21 me, I've received numerous offers to purchase the
22 entire parcel of land. The proposed route has become
23 public knowledge. I am now receiving offers of buying
24 only 40 acres of the property. Tiger Connect
25 transmission line has already essentially cut the worth

1 of my property in half, but it is not yet approved.

2 I am totally opposed to approval of the Tiger
3 Connect transmission line. My hope is it will not be
4 approved, but, if it is approved, I am asking that the
5 proposed route be changed and not cross my small parcel
6 at all. I do not wish this on anyone, but there are
7 many people in Audrain County owing many more acres
8 than I who would not be as impacted with a 50 percent
9 loss of value or ability to farm their property as I
10 would be.

11 I have truly felt targeted because of my small
12 amount of property, as well as the fact I am not in
13 Audrain County. It has been very difficult to try and
14 get information on what is happening with this entire
15 project, as well as where electricity will eventually
16 be transported to if it is approved. Thank you.

17 JUDGE DIPPELL: Thank you.

18 Commissioners, are there any questions?

19 All right. Hearing none, we'll move on.

20 Now I did actually have a Susan Goodman signed up.

21 And I'll offer again. Is Ms. Goodman on the line?

22 Okay. Ms. Goodman, I believe that is you that
23 keeps trying to speak, but I'm not hearing anything.

24 I'm not sure why we're not. I'm hearing sound, but I'm
25 not hearing any voice. So if that is you trying to

1 speak, I would suggest maybe you try hanging up and
2 calling in on a different -- oh, wait a minute.
3 Somebody? I heard a voice. All right. If you have
4 difficulty, I would suggest maybe trying to just call
5 in on the telephone number and giving it a second shot.

6 So let's move on. Marilyn O'Bannon. Is Marilyn on
7 the line?

8 MS. O'BANNON: I sure am. Can you hear me
9 okay?

10 JUDGE DIPPELL: Yes, we can. Thank you.

11 Could you please raise your right hand, if you're
12 able?

13 MS. O'BANNON: Yes, ma'am.

14 JUDGE DIPPELL: Do you solemnly swear or
15 affirm the testimony you're about to give at this
16 hearing will be the truth?

17 MS. O'BANNON: Yes.

18 JUDGE DIPPELL: Thank you. If you could
19 state and spell your name.

20 MS. O'BANNON: My name is Marilyn O'Bannon,
21 M-a-r-i-l-y-n, O--B-a-n-n-o-n.

22 JUDGE DIPPELL: Thank you. Go ahead and
23 give us your comments.

24 MS. O'BANNON: Okay. Good evening,
25 Mr. Chairman and members of the Missouri Public Service

1 Commission.

2 I'm from Monroe County. My family and I are
3 landowners on the proposed Grain Belt Express route in
4 Monroe County and have farmed near the Tiger Connector
5 spur in Audrain County.

6 I oppose the Grain Belt Express project and the
7 amended application. Phase 1 of the Grain Belt Express
8 will place the converter station approximately one-half
9 mile from my home. Grain Belt will tell you they have
10 a large percentage of easements needed for the project
11 that they have secured voluntarily. But I argue the
12 majority were because of the threat of eminent domain
13 and potential condemnation lawsuits.

14 Grain Belt cannot build any wind turbines in Kansas
15 until the project is approved in Illinois. However,
16 Grain Belt is working and even pressuring landowners to
17 sign easements. One Amish family told me the land
18 agent said if they didn't sign the easement agreement,
19 they would go to court and not get paid anything. It
20 concerns me that Grain Belt is focused on easements
21 before knowing if they can even build the project or
22 have the financial capability.

23 In the order of the original CCN Case, the PSC
24 granted Grain Belt's application with certain
25 conditions. One condition was that Grain Belt was not

1 permitted to install transmission facilities on
2 easement property in Missouri until obtaining
3 commitments for financing of the project in an equal
4 amount to or greater than the total cost to build the
5 entire multistate transmission project.

6 In mid-December 2022, Grain Belt applied for a
7 federal guaranteed loan from the Department of Energy
8 to finance their project, and during the EIS Public
9 Hearing had information stating they anticipated
10 approval of the Tiger Connector by the PSC.

11 Merchant Transmission, like Grain Belt Express, is
12 an unregulated voluntary speculative venture for
13 private profit purpose. It is not needed for regional
14 reliability or economics. Merchant can cancel its
15 project at any time. Also, because Grain Belt rates
16 are unregulated, there is nothing requiring the
17 merchant to put the easement it had acquired into
18 public service. Granting eminent domain authority to
19 unregulated merchants for speculative projects that may
20 never be placed in service violates the requirement
21 that property be taken for public use.

22 Our family considers ourselves to be good stewards
23 of the land. The investment in our land goes beyond
24 the price paid for it because of the sustainable
25 farming practices used to maintain soil for its highest

1 productivity. In a sustainable world, all land would
2 serve its highest and best purpose. Sustainable
3 practices do not include chopping up the property for a
4 gigantic transmission line. And it does not seem like
5 a wise decision to cross through the middle of farms as
6 it is for our farm.

7 Grain Belt Express project plans to excavate new
8 cement to secure transmission towers. Cement is one of
9 the main producers of carbon dioxide, a potent
10 greenhouse gas. Concrete causes damage to the most
11 fertile layer of the soil, the topsoil. Concrete is
12 used to create hard surfaces which contribute to
13 surface runoff that may cause soil erosion, water
14 pollution and flooding. Topsoil and keeping nutrients
15 in the soil is vital to crop production. My family
16 relies on crop production to stay -- to stay going with
17 our -- that's how we make a living. So how can Grain
18 Belt minimize soil compaction when the route is through
19 the middle of fields? And Grain Belt has testified
20 that they will build temporary roads across the fields
21 to get to the easement.

22 Soil compaction is so negative to farm production
23 that farmers plant a cover crop in the fall to keep the
24 soil from compacting. The soil health will be ruined
25 not just on the easement, but everywhere the

1 construction equipment crosses on the field. There is
2 no punishment for damage Grain Belt may do to our land
3 in the heat of the moment. We would have to fight for
4 whatever Grain Belt's non-farming lawyers and
5 executives think is an adequate compensation.
6 Compensation can never return the land to its former
7 condition.

8 The future of eliminating greenhouse gas is through
9 soil health and less destruction of the soil. The
10 destruction of soil health mentioned in the above
11 paragraphs prohibits the mission of those in
12 agriculture working to meet the standards of improving
13 soil health.

14 We figure there is no compensation that could be
15 equal to potential income and the soil production
16 losses for our lifetime and generations to follow.
17 There would be no future for other land uses on this
18 property with a transmission line the size of Grain
19 Belt Express. Basically, our investment costs for
20 years of conservation practices and soil health will
21 leave us with nothing but a lower land value.
22 According to Natural Resources Institute, we lose
23 nearly 40 acres of farmland every hour in the US
24 because of development. Of course, that's not all
25 transmission.

1 I just ask that you consider agriculture being our
2 number one industry in the state and what it means to
3 us in agriculture. We're a farming family of several
4 generations. We're now in the fifth generation, and we
5 have over five miles in Monroe County, and it's going
6 to border our farm in Audrain County.

7 I respectfully request the Public Service
8 Commission to deny Grain Belt Express LLC amendment to
9 the application, and I thank you for your time.

10 JUDGE DIPPELL: Thank you.

11 Commissioners, are there any questions for
12 Ms. O'Bannon?

13 COMM'R HOLSMAN: No questions, Judge. Thank
14 you.

15 JUDGE DIPPELL: Thank you, Commissioner
16 Holsman.

17 All right. Then, thank you, Ms. O'Bannon, for your
18 testimony.

19 The next person I have preregistered is Jack
20 Meinzenbach. Is there a Jack Meinzenbach on the line?
21 Oh, there, I believe.

22 MR. MEINZENBACH: Yes.

23 JUDGE DIPPELL: Thank you.

24 MR. MEINZENBACH: Good evening.

25 JUDGE DIPPELL: Could you please raise your

1 right hand?

2 Do you solemnly swear or affirm that the testimony
3 you're about to give at this hearing will be the truth?

4 MR. MEINZENBACH: I do.

5 JUDGE DIPPELL: Thank you.

6 If you could state your name and then spell it for
7 the court reporter.

8 MR. MEINZENBACH: My nickname is Jack
9 Meizenbach. My real name is John, J-o-h-n; last name
10 is M-e-i-n-z-e-n-b-a-c-h.

11 JUDGE DIPPELL: Thank you.

12 MR. MEINZENBACH: I live in Columbia,
13 Missouri.

14 JUDGE DIPPELL: Go ahead with your comments.

15 MR. MEINZENBACH: Okay. Well, I want to
16 give testimony to your Commission supporting the Grain
17 Belt Express request to extend their project with the
18 Tiger Connector.

19 The Tiger Connector and future possible extensions
20 of the Grain Belt Express project are very important
21 for increasing transmission capacity that will allow
22 Missouri to accelerate our transition to clean and
23 renewable energy. It will also move our state away
24 from dirty, expensive fossil fuels that are used to
25 produce over 70 percent of Missouri's electrical power

1 today. It is estimated that the extended project will
2 lower energy and capacity costs in Missouri by around
3 6 percent for 40 years, saving residents over
4 \$17 billion in energy costs. The benefits go far
5 beyond energy bill savings. According to expert
6 testimony, Missouri will enjoy social and health
7 benefits, including emission reductions worth over
8 \$7 billion.

9 The Department of Energy explains that 70 percent
10 of our nation's current electrical grid is over
11 25 years old, which is a liability to the safety,
12 security and reliability of our country. New
13 transmission is necessary to prevent rolling blackouts,
14 create redundancy in case of attacks or failures,
15 reduce costs and preserve our way of life.

16 The Midcontinent Independent System Operator, MISO,
17 that provides the high voltage transmission system in
18 the Midwest lacks sufficient capacity to add renewable
19 energy projects to their grid without a major upgrade.
20 In 2021, congestion on the MISO electrical grid
21 impacted energy prices in the market, which contributed
22 to higher costs for Columbia Water and Light. This
23 volatility was created by weather, as well as regional
24 transmission and thermal generation related maintenance
25 and outages. In 2021, Boone Stephens Solar terminated

1 their contract with Columbia Water and Light to build a
2 64 megawatt solar field north of the city because it
3 was no longer financially viable on the MISO grid.

4 Columbia, Missouri will be unable to achieve their
5 goal to accelerate transition to 100 percent renewable
6 energy by 2030 without the Tiger Connector from the
7 Grain Belt Express. We are only at 15 percent right
8 now versus a goal of 25 percent in 2023 because of the
9 contract cancellation, and we just -- the Grain Belt
10 has drug on for too many years.

11 Please approve this request to add the Tiger
12 Connector and keep Missouri moving forward toward our
13 goals of much more clean and renewable energy capacity.

14 Thank you.

15 JUDGE DIPPELL: Thank you.

16 Any questions from the commissioners?

17 All right. Thank you, Mr. Meinzenbach.

18 MR. MEINZENBACH: You're welcome.

19 JUDGE DIPPELL: Okay. I'm going to try one
20 more time for Ms. Goodman before I move on to opening
21 it up. Is Ms. Goodman on the line? Okay. I'm not
22 hearing anything.

23 All right. So, at this point then, we can
24 open it up for anyone who would like to give comments .
25 And I've had one gentleman say that he's interested,

1 Mr. Gaines. And I'm going to go ahead, just since I
2 know that he's wanting to speak, and let him go next,
3 and then we'll take the next person. So we'll --

4 MR. GAINES: Good evening. I'm David
5 Gaines.

6 JUDGE DIPPELL: Okay. Can I get you --

7 MR. GAINES: Yes, please.

8 JUDGE DIPPELL: Can I swear you in first?

9 MR. GAINES: Please.

10 JUDGE DIPPELL: Would you raise your right
11 hand, if you're able?

12 Do you solemnly swear or affirm that the testimony
13 you're about to give at this hearing will be the truth?

14 MR. GAINES: I do.

15 JUDGE DIPPELL: And if you could spell your
16 name for the court reporter.

17 MR. GAINES: David, common spelling. The
18 last name is Gaines, G-a-i-n-e-s.

19 JUDGE DIPPELL: Okay. Go ahead with your
20 comments, Mr. Gaines.

21 MR. GAINES: Well, first of all, let me
22 thank the Commission as a whole, and you as well,
23 Madam, for the opportunity to speak. I think it is a
24 very important foundation of who we are in Missouri to
25 allow folks with opposing opinions to share their

1 points of view and some very valid concerns from both
2 sides of the community.

3 I come today to speak to you in behalf -- or in
4 favor of this project. As an economic development and
5 site selection consultant, we're looking, on behalf of
6 our clientele, the long-term range of what a project
7 like this would do to energy costs, energy availability
8 and stability of the electric supply into the various
9 communities throughout Missouri.

10 So I will just conclude my brief remarks by saying,
11 thank you again, and I would encourage the Commission
12 to support this project. Thank you.

13 JUDGE DIPPELL: Thank you.

14 Are there any commissioner questions for
15 Mr. Gaines?

16 All right. Then we can move on to the next
17 witness. If you would like to give comments, just go
18 ahead and unmute your phone or your internet
19 connection. If you are purely on the phone, you may
20 have to hit star 6. Who would like to speak next?

21 I have 44 participants on the line. So I know
22 there must be someone else who would like to give
23 comments. Oh, there we go. We have a taker.

24 MR. SMITH: Yes. Good evening.

25 JUDGE DIPPELL: Can I get you to raise your

1 right hand and I'll swear you in?

2 Do you solemnly swear or affirm the testimony
3 you're about to give at this hearing will be the truth?

4 MR. SMITH: Yes, I do.

5 JUDGE DIPPELL: Okay. Go ahead and state
6 your name and spell it for the court reporter.

7 MR. SMITH: Yes. My name is Brian,
8 B-r-i-a-n, last name is Smith, S-m-i-t-h.

9 JUDGE DIPPELL: Okay. Go ahead with your
10 comments.

11 MR. SMITH: Yes. I want to thank the Public
12 Service Commission for this opportunity to speak. And
13 acrimony to Mr. Gaines' thoughts, it's very good to
14 have a healthy exchange of ideas, you know, from both
15 sides of the issue. And the testimony tonight from
16 both sides has been great so far.

17 I'm speaking in favor of the Public Service
18 Commission granting, you know, the extension requested
19 by the Grain Belt Express. This is a critically
20 important project that will improve great resilience,
21 reduce customer costs, create jobs, increase the tax
22 base for rural communities and reduce dangerous power
23 plant emissions that will improve public health. And,
24 you know, well, one of the big things is -- and I
25 believe Mr. Meinzenbach referred to this some, and I'm

1 not going to double-up here. But, you know, it will
2 relieve pressure on our aging, vulnerable grid and
3 provide affordable renewable energy to Missouri
4 residents.

5 It's good for Missouri municipalities because it
6 will provide jobs, attract businesses with clean energy
7 goals, add to the tax base of rural communities,
8 provide low-cost energy to cities. And, you know, in
9 the past there's been, like, for instance, you know, on
10 the municipal benefits, it could include 10 -- a
11 truncated list of this includes \$10 million in sales
12 and property taxes for Chariton County; half a million
13 dollars to the education of 3,000 -- over 3,700
14 students in Randolph County, and \$142 million a year
15 for savings in, you know, someplace like Shelbina.
16 Also, the city of Kirkwood and St. Louis -- you know,
17 rural and urban. The city of Kirkwood will be able to
18 reach its clean energy goals. And, so, you know,
19 that's just a few of the benefits of it.

20 And, so, you know, I'm basically strongly in favor
21 of this and really hope that the Public Service
22 Commission, you know, allows this, you know, very
23 important project to grow and extend, and, you know,
24 because many Missourians will benefit from this. And
25 thank you very much for the opportunity to speak.

1 JUDGE DIPPELL: Thank you, Mr. Smith.

2 Are there any commissioner questions for Mr. Smith?

3 All right. Is there anyone else who would like to
4 testify? I'm going to sound like a broken record, but
5 if you're on the phone, you not only have to unmute
6 your phone, but also press star 6 to unmute the
7 microphone.

8 Is there anyone else? Well, I'm not hearing anyone
9 else or seeing anyone else.

10 MR. WIDEMAN: Judge Dippell, can you hear
11 me?

12 JUDGE DIPPELL: Yes. Yes, I can.

13 MR. WIDEMAN: Okay. Thank you.

14 This is Gary Wideman.

15 JUDGE DIPPELL: Oh, okay. Would you like to
16 give comments, Mr. Wideman, as well?

17 MR. WIDEMAN: Yes, Judge, I would like to.

18 JUDGE DIPPELL: Okay. Raise your right
19 hand, if you're able.

20 MR. WIDEMAN: Yes, ma'am. It's raised.

21 JUDGE DIPPELL: Do you solemnly swear or
22 affirm that the testimony you're about to give at this
23 hearing will be the truth?

24 MR. WIDEMAN: Yes, thank you.

25 JUDGE DIPPELL: Okay. If you could again

1 state your name and spell it.

2 MR. WIDEMAN: Yes. Again, this is Gary
3 Wideman, W-i-d-e-m-a-n. I'm the husband of Susan
4 Wideman who spoke earlier.

5 JUDGE DIPPELL: Okay. Go ahead.

6 MR. WIDEMAN: Okay. I know the two
7 gentleman that were heavily in favor of this project
8 and they had lots of statistics and studies that they
9 were quoting. I have not seen any of those studies,
10 but let's make the assumption that what they're saying
11 is correct. If it is, I'm assuming they probably don't
12 own farmland where this would be impacted. My
13 understanding that how this impacts the farmland is
14 with a large base that would be placed upon varying
15 parts of the line where it crosses, or whatever,
16 impacting a small farm.

17 But I do want to ask a question or pose a thought
18 here. If all these facts are true and if so important,
19 you know, that we do this and it needs to be approved,
20 would Grain Belt Express consider burying these lines
21 so it does not impact all the small farmland?

22 That's my comment, Judge.

23 JUDGE DIPPELL: Okay. Thank you for your
24 comment.

25 Is there anything from the commissioners for

1 Mr. Wideman?

2 Okay. Thank you very much for your comment.

3 Is there anyone else who would like to speak?

4 MR. GRAHAM: I'd like to say something.

5 JUDGE DIPPELL: Okay. Would you please
6 raise your right hand, if you're able?

7 Do you solemnly swear or affirm to tell the truth?

8 MR. GRAHAM: Yes.

9 JUDGE DIPPELL: Would you please spell your
10 name for the court reporter?

11 MR. GRAHAM: Matthew Graham, M-a-t-t-h-e-w,
12 and then Graham, G-r-a-h-a-m.

13 JUDGE DIPPELL: Okay. Go ahead, Mr. Graham.

14 MR. GRAHAM: For full transparency, I don't
15 have land in Missouri. All I was tuning in to say is
16 that I appreciate the opportunity that we get as
17 Missourians to talk about this issue. And then, also,
18 as we're considering this, I think, this is a chance
19 for us to see that we have a chance to be a part of a
20 bigger picture than just our individual lives.

21 This line will undoubtedly affect people in lots of
22 ways, both positive and negative, as we've heard. But
23 I do think that if we look at ourselves as being a part
24 of the greater network of people, it feels good to know
25 that we -- not just with this, but in general, we have

1 chances to change the infrastructure in ways that is
2 going to positively impact future generations. And so
3 I do think that we need to think very critically about
4 the downsides of this, and I think we need to listen to
5 people that are personally affected. And, yeah, I
6 think exploring other options like underground lines is
7 important, while also taking into account costs of
8 those alternative options, to see how feasible those
9 things would be. But that's it. Thanks.

10 JUDGE DIPPELL: Okay. Can I ask you,
11 Mr. Graham, you said you don't own land in Missouri.

12 MR. GRAHAM: I'm in Columbia. I'm in
13 Columbia. Sorry.

14 JUDGE DIPPELL: Okay. You do live in
15 Missouri?

16 MR. GRAHAM: Yes, I live in Columbia.

17 JUDGE DIPPELL: Okay.

18 MR. GRAHAM: Yeah. I've lived in Missouri
19 my entire life. I guess my -- yeah, my family has,
20 yeah, but...

21 JUDGE DIPPELL: Thank you.

22 Are there any questions for Mr. Graham from the
23 commissioners?

24 Okay. Thank you for your comment.

25 Is there anyone else who would like to speak? One

1 more offer. Anyone else?

2 Okay. Well, I do thank everyone who participated,
3 who testified, or who just called in to listen and
4 those that maybe are listening on the web stream.

5 If you wanted to give comments but were too shy or
6 couldn't get technology to work for you, please go
7 ahead and send us your written comments. You can do
8 that on the website at psc.mo.gov, or you can call our
9 consumer services number. That's 1(800)392-4211, and
10 they can lodge your comment, which also goes into the
11 file for this case.

12 Commissioners, did you have any closing remarks
13 that you wanted to make?

14 CHAIRMAN RUPP: No, thank you, Judge. Just
15 appreciate everybody's comments and thanks for your
16 well-run hearing.

17 JUDGE DIPPELL: Thank you.

18 I appreciate how polite everyone was and
19 reasonable. And I again thank you on behalf of the
20 Commission for your participation. It's really
21 important that everyone is able to participate in their
22 government.

23 So, with that, I believe, we are concluded, and we
24 can go off the record. Thank you.

25 (The hearing concludes at 6:46 p.m.)

CERTIFICATE

1
2 I, Christine M. Clark, RPR, hereby certify that
3 I reported the Missouri Public Service Commission
4 Remote Public Meeting on this 6th day of March 2023,
5 concerning the matter aforesaid;

6 That I was then and there a notary public;

7 That the foregoing transcript is a true and
8 correct transcript of my stenographic notes in said
9 matter, transcribed under my direction and control;

10 That I am not related to any of the parties
11 hereto, nor interested in the outcome of the action and
12 have no contract with any parties, attorneys or persons
13 with an interest in the action that has a substantial
14 tendency to affect my impartiality;

15 WITNESS MY HAND AND SEAL this 15th day of March
16 2023.

17 

18 Christine M. Clark, RPR
19 Notary Public
20
21
22
23
24
25

\$	44 26:21	additional 9:12
\$10 28:11	5	Additionally 14:20
\$142 28:14	50 15:8	adequate 20:5
\$17 23:4	50/50 14:18	affect 31:21
\$7 23:8	6	affected 32:5
1	6 6:18 9:25 13:10 23:3 26:20 29:6	affirm 10:1 11:17 14:1 16:15 22:2 25:12 27:2 29:22 31:7
1 17:7	64 24:2	affirmation 4:23
1(800)392-4211 10:11 33:9	65102 6:24 7:5	affordable 28:3
10 28:10	6:00 3:5	Agathen 8:12,21
100 24:5	6:46 33:25	agent 17:18
15 24:7	6th 3:5	aging 28:2
160 14:9	7	agreement 14:17 17:18
2	70 22:25 23:9	Agricultural 7:21
200 6:23	8	agriculture 20:12 21:1,3
2021 23:20,25	80 14:8	ahead 7:19,24 8:5 9:19,24 11:9,25 14:4 16:22 22:14 25:1,19 26:18 27:5,9 30:5 31:13 33:7
2022 18:6	A	alternative 32:8
2023 3:5 24:8	ability 15:9	amended 17:7
2030 24:6	accelerate 22:22 24:5	amendment 3:11 21:8
2230 7:4	access 3:19 5:15	Amish 17:17
25 23:11 24:8	account 32:7	amount 15:12 18:4
3	accountants 4:4	analysts 4:5
3,000 28:13	achieve 24:4	Andrew 7:10
3,700 28:13	acquired 18:17	Anne 7:10
360 6:23	acreage 14:15	answers 11:5
39 12:9	acres 14:8,9,24 15:7 20:23	anticipated 18:9
4	acrimony 27:13	appearance 6:14 7:14
40 14:24 20:23 23:3	add 23:18 24:11 28:7	appearing 7:3,11,21 9:1
		appears 14:13
		Applicant 7:11
		application 3:9,10 17:7,24

21:9	Belt's 17:24 20:4	carbon 19:9
applied 18:6	bench 8:2	case 4:25 5:1 6:15 8:2 9:18 17:23 23:14 33:11
appointed 4:2	benefit 28:24	CCN 17:23
approval 15:2 18:10	benefits 23:4,7 28:10,19	cement 19:8
approve 24:11	big 27:24	Certificate 3:11
approved 15:1,4,16 17:15 30:19	bigger 31:20	Chairman 4:12 5:4,6 7:8 16:25 33:14
approximately 17:8	bill 23:5	chance 3:8 11:1 31:18,19
argue 17:11	billion 23:4,8	chances 32:1
Associations 7:21	bit 8:11 9:6 10:22	change 32:1
assuming 30:11	blackouts 23:13	changed 15:5
assumption 30:10	Boone 23:25	Chariton 28:12
attacks 23:14	border 21:6	chat 11:4
attorneys 4:5 10:14	Box 6:23 7:4	chiming 9:7
attract 28:6	Brent 7:16,20	chopping 19:3
audio 3:4 8:14,18	Brian 27:7	cities 12:9 28:8
Audrain 15:7,13 17:5 21:6	broken 29:4	city 6:24 7:5 24:2 28:16, 17
authority 18:18	build 17:14,21 18:4 19:20 24:1	clarifying 10:15
Authorizing 3:12	burying 30:20	clean 22:22 24:13 28:6,18
availability 26:7	businesses 28:6	click 12:22
<hr/>	buying 14:23	clientele 26:6
B	<hr/>	closing 33:12
<hr/>	C	Coleman 4:12,15,17 7:9
B-R-I-A-N 27:8	call 8:24 9:11,21,22,23 11:6 16:4 33:8	Columbia 22:12 23:22 24:1,4 32:12,13,16
back 5:11,17 8:4,24	called 33:3	COMM'R 4:15,17 6:8 21:13
balance 3:20	Callenbach 7:7,10	comment 3:8 5:24 12:20 30:22,24 31:2 32:24 33:10
base 27:22 28:7 30:14	calling 8:16 10:10 16:2	comments 6:7 9:11,12 10:3,5,6,7,9,24 12:1 14:5 16:23 22:14 24:24 25:20 26:17,23 27:10 29:16 33:5,7,15
basically 20:19 28:20	cancel 18:14	
begin 6:13,19 11:9	cancellation 24:9	
behalf 7:3,11,21 9:9 26:3, 5 33:19	capability 17:22	
Belt 3:11 7:6,11 12:4,10, 17 17:3,6,7,9,14,16,20,25 18:6,11,15 19:7,18,19 20:2,19 21:8 22:17,20 24:7,9 27:19 30:20	capacity 22:21 23:2,18 24:13	
	captioned 3:10	

Commission 3:6,16,18,
20,23 4:1,21,24 5:2 6:22
10:3 17:1 21:8 22:16
25:22 26:11 27:12,18
28:22 33:20

Commission's 10:10

commissioner 4:12,16,
18,19 6:8,12 7:8,9 21:15
26:14 29:2

commissioners 4:1,2,4,
12,25 5:16 6:7 10:14
12:24 13:4 15:18 21:11
24:16 30:25 32:23 33:12

commitments 18:3

common 25:17

communities 26:9 27:22
28:7

community 26:2

compacting 19:24

compaction 19:18,22

companies 3:18

company 3:22

compensation 20:5,6,14

complete 10:7

concerned 12:14,15

concerns 17:20 26:1

conclude 26:10

concluded 33:23

concludes 33:25

Concrete 19:10,11

condemnation 17:13

condition 17:25 20:7

conditions 17:25

conferencing 4:10

confirmed 4:3

conflict 8:2

congestion 23:20

Connect 14:12,24 15:3

connection 26:19

Connector 17:4 18:10
22:18,19 24:6,12

conservation 20:20

consideration 5:23

considers 18:22

Construct 3:12

construction 20:1

consultant 26:5

Consulting 9:8

consumer 10:10 33:9

contact 7:4

contract 24:1,9

contribute 19:12

contributed 23:21

Control 3:13

Convenience 3:12

converter 3:15 17:8

corn 14:15

correct 30:11

cost 12:13 18:4

costs 14:18 20:19 23:2,4,
15,22 26:7 27:21 32:7

cough 12:8

Counsel 7:1,4

country 23:12

County 8:3 14:7 15:7,13
17:2,4,5 21:5,6 28:12,14

court 4:22 5:15 9:1 10:2
11:7,22 17:19 22:7 25:16
27:6 31:10

cover 19:23

create 19:12 23:14 27:21

created 23:23

creates 14:14

critically 27:19 32:3

crop 19:15,16,23

cross 15:5 19:5

crosses 20:1 30:15

current 3:14 23:10

customer 27:21

cut 7:24 14:25

cuts 3:3

D

damage 19:10 20:2

dangerous 27:22

David 9:7 25:4,17

decision 19:5

decisions 4:24

deliberate 5:11

deny 21:8

Department 18:7 23:9

destruction 20:9,10

development 20:24 26:4

diagonal 14:13

dialed 6:16

difficult 15:13

difficulty 16:4

dioxide 19:9

Dippell 3:1 4:7,16,18 6:6,
12,25 7:6,13,18,23 8:6,8,
11,15,19,23 9:5,10,14
11:15,20,25 12:6,19,23
13:3,8,14,17,20,22,25
14:4 15:17 16:10,14,18,
22 21:10,15,23,25 22:5,
11,14 24:15,19 25:6,8,10,
15,19 26:13,25 27:5,9

29:1,10,12,15,18,21,25
30:5,23 31:5,9,13 32:10,
14,17,21 33:17

direct 3:14 9:17

dirty 22:24

disability 12:12

dissect 14:13

dollars 28:13

domain 17:12 18:18

double-up 28:1

downsides 32:4

drug 24:10

E

EA-2023-0017 3:9

earlier 30:4

easement 17:18 18:2,17
19:21,25

easements 17:10,17,20

economic 26:4

economics 18:14

education 28:13

EIS 18:8

electric 26:8

electrical 22:25 23:10,20

electricity 15:15

eliminating 20:8

email 8:25

eminent 17:12 18:18

emission 23:7

emissions 27:23

employ 4:4

encourage 26:11

ends 10:23

energy 12:11 18:7 22:23
23:2,4,5,9,19,21 24:6,13
26:7 28:3,6,8,18

engineers 4:4

enjoy 23:6

ensures 3:18

entire 14:22 15:14 18:5
32:19

entries 6:14,15

entry 7:14 8:9,25 9:3

equal 18:3 20:15

equipment 20:1

Eric 6:21

erosion 19:13

essentially 14:25

estimated 23:1

evening 3:6 4:8 6:5,20 7:7
12:7 16:24 21:24 25:4
26:24

eventually 15:15

everybody's 33:15

everyone's 10:25

evidence 5:3

excavate 19:7

exchange 27:14

excuse 12:8

executives 20:5

expensive 22:24

expert 23:5

expired 10:8

explains 23:9

exploring 32:6

Express 3:11 7:6,12 12:4,
10,17 17:3,6,7 18:11 19:7
20:19 21:8 22:17,20 24:7
27:19 30:20

extend 22:17 28:23

extended 23:1

extension 27:18

extensions 22:19

F

facilities 18:1

fact 15:12

facts 30:18

failures 23:14

fall 19:23

family 17:2,17 18:22
19:15 21:3 32:19

farm 15:9 19:6,22 21:6
30:16

farmed 17:4

farmers 19:23

farming 18:25 21:3

farmland 20:23 30:12,13,
21

farms 14:17 19:5

favor 26:4 27:17 28:20
30:7

feasible 32:8

feature 11:4

federal 18:7

feedback 3:4

feels 31:24

felt 15:11

fertile 19:11

field 4:6 20:1 24:2

fields 19:19,20

fight 20:3

figure 20:14

file 3:9 33:11
finance 18:8
financial 4:5 17:22
financially 24:3
financing 18:3
fixed 4:3 12:12
flooding 19:14
focused 17:20
folks 25:25
follow 9:20 20:16
follow-up 10:13
footprint 14:14
forward 6:4 24:12
fossil 22:24
foundation 25:24
fourth-generation 14:10
fuels 22:24
full 31:14
future 20:8,17 22:19 32:2

G

G-A-I-N-E-S 25:18
G-R-A-H-A-M 11:24 31:12
Gaines 9:4,6,7,13 25:1,4,5,7,9,14,17,18,20,21 26:15
Gaines' 27:13
garbled 8:16
Gary 29:14 30:2
gas 19:10 20:8
general 31:25
generation 21:4 23:24
generations 14:18 20:16 21:4 32:2

gentleman 24:25 30:7
gigantic 19:4
give 3:7 5:4,10 10:3 11:17 12:1 14:1,4 16:15,23 22:3,16 24:24 25:13 26:17,22 27:3 29:16,22 33:5
giving 16:5
goal 24:5,8
goals 24:13 28:7,18
Goldstone 9:7
good 6:20 7:7 16:24 18:22 21:24 25:4 26:24 27:13 28:5 31:24
Goodman 13:9,11,14,17 15:20,21,22 24:20,21
government 33:22
governor 4:2
Graham 11:11,12,14,19,23 12:2,8,21 13:2,4,5,7 31:4,8,11,12,13,14 32:11,12,16,18,22
Grain 3:10 7:6,11 12:4,10,17 17:3,6,7,9,14,16,20,24,25 18:6,11,15 19:7,17,19 20:2,4,18 21:8 22:16,20 24:7,9 27:19 30:20
grandparents 14:9
granted 17:24
granting 18:18 27:18
grateful 6:9
great 14:9 27:16,20
greater 18:4 31:24
greenhouse 19:10 20:8
grid 23:10,19,20 24:3 28:2
Group 9:8
grow 28:23

guaranteed 18:7
guess 32:19

H

Haden 7:16,20,25 8:7
half 15:1 28:12
hand 11:16 13:23 16:11 22:1 25:11 27:1 29:19 31:6
hang 8:16,24
hanging 16:1
happen 12:16
happening 15:14
hard 19:12
health 19:24 20:9,10,13,20 23:6 27:23
healthy 27:14
hear 6:1 10:4 16:8 29:10
heard 16:3 31:22
hearing 3:7 4:8,20 14:2 15:19,23,24,25 16:16 18:9 22:3 24:22 25:13 27:3 29:8,23 33:16,25
heat 20:3
heavily 30:7
high 3:13 12:12,14 23:17
higher 23:22
highest 18:25 19:2
hit 26:20
Holsman 4:18 6:8,9 7:8 21:13,16
home 17:9
hope 12:17 15:3 28:21
hotline 10:11
hour 20:23

<p>husband 30:3</p> <hr/> <p style="text-align: center;">I</p> <hr/> <p>ideas 27:14</p> <p>Illinois 17:15</p> <p>impact 30:21 32:2</p> <p>impacted 15:8 23:21 30:12</p> <p>impacting 30:16</p> <p>impacts 30:13</p> <p>impartial 5:2</p> <p>important 5:9 22:20 25:24 27:20 28:23 30:18 32:7 33:21</p> <p>improve 27:20,23</p> <p>improving 20:12</p> <p>in-person 8:1</p> <p>include 19:3 28:10</p> <p>includes 28:11</p> <p>including 23:7</p> <p>income 12:12 20:15</p> <p>increase 27:21</p> <p>increasing 22:21</p> <p>Independent 23:16</p> <p>individual 31:20</p> <p>industry 21:2</p> <p>inform 6:3</p> <p>information 5:10 7:4 15:14 18:9</p> <p>infrastructure 32:1</p> <p>inherited 14:8</p> <p>input 5:8</p> <p>install 18:1</p> <p>instance 28:9</p>	<p>Institute 20:22</p> <p>interest 3:21</p> <p>interested 24:25</p> <p>internet 4:10 11:3 26:18</p> <p>interrupt 10:6</p> <p>intervened 9:17</p> <p>intervenors 7:14</p> <p>investment 18:23 20:19</p> <p>investor-owned 3:17</p> <p>issue 5:9,12 27:15 31:17</p> <p>issues 5:1</p> <hr/> <p style="text-align: center;">J</p> <hr/> <p>J-O-H-N 22:9</p> <p>Jack 21:19,20 22:8</p> <p>Jefferson 6:23 7:5</p> <p>jobs 27:21 28:6</p> <p>John 22:9</p> <p>judge 3:1 4:8,15,16,18 5:6,13 6:6,8,12,20,25 7:6, 7,13,16,18,20,23 8:6,8, 11,15,19,23 9:5,10,14 11:15,20,25 12:6,19,23 13:3,8,14,17,20,22,25 14:4 15:17 16:10,14,18, 22 21:10,13,15,23,25 22:5,11,14 24:15,19 25:6, 8,10,15,19 26:13,25 27:5, 9 29:1,10,12,15,17,18,21, 25 30:5,22,23 31:5,9,13 32:10,14,17,21 33:14,17</p> <p>juggling 10:22</p> <hr/> <p style="text-align: center;">K</p> <hr/> <p>Kansas 17:14</p> <p>keeping 19:14</p> <p>kind 12:11</p>	<p>Kirkwood 28:16,17</p> <p>knowing 17:21</p> <p>knowledge 14:23</p> <p>Kolkmeyer 4:19 7:9</p> <hr/> <p style="text-align: center;">L</p> <hr/> <p>lacks 23:18</p> <p>land 14:22 17:17 18:23 19:1 20:2,6,17,21 31:15 32:11</p> <p>landowners 17:3,16</p> <p>large 14:14 17:10 30:14</p> <p>late 9:7</p> <p>law 4:8</p> <p>lawsuits 17:13</p> <p>lawyers 20:4</p> <p>layer 19:11</p> <p>LCC 3:11</p> <p>leave 13:1 20:21</p> <p>level 3:3</p> <p>liability 23:11</p> <p>life 23:15 32:19</p> <p>lifetime 20:16</p> <p>Light 23:22 24:1</p> <p>limited 10:5</p> <p>lines 30:20 32:6</p> <p>list 10:17,19 11:10 13:9 28:11</p> <p>listed 9:21</p> <p>listen 5:21,22 6:11 32:4 33:3</p> <p>listening 33:4</p> <p>live 22:12 32:14,16</p> <p>lived 32:18</p>
---	--	--

lives 31:20
living 19:17
LLC 7:12 21:8
loan 18:7
located 6:23
lodge 33:10
logged 11:3
long 10:7
long-term 26:6
longer 24:3
lose 20:22
loss 15:9
losses 20:16
lots 30:8 31:21
Louis 14:7 28:16
low-cost 28:8
lower 20:21 23:2

M

M-A-E 11:23
M-A-R-I-L-Y-N 16:21
M-A-T-T-H-E-W 31:11
M-E-I-N-Z-E-N-B-A-C-H
 22:10
Macon 12:2,9
Madam 25:23
made 4:1,24
Madison 6:23
Mae 11:11,12,23
main 19:9
maintain 3:13 18:25
maintenance 23:24
major 23:19

majority 17:12
make 6:7,15 8:9 9:2 12:11
 19:17 30:10 33:13
Manage 3:13
March 3:5
Marilyn 16:6,20
market 23:21
matter 3:10 6:11
Matthew 31:11
means 21:2
meet 20:12
meeting 4:9
megawatt 24:2
Meinzenbach 21:20,22,24
 22:4,8,9,12,15 24:17,18
 27:25
members 3:8 16:25
mentioned 20:10
merchant 18:11,14,17
merchants 18:19
microphone 6:18 9:25
 29:7
mid-december 18:6
Midcontinent 23:16
middle 19:5,19
Midwest 23:18
mile 17:9
miles 21:5
million 28:11,12,14
minimize 19:18
minute 16:2
minutes 10:5
MISO 23:16,20 24:3
mission 20:11

Missouri 3:6,16,18,25 4:3,
 20 6:22 7:5 9:8 14:7
 16:25 18:2 22:13,22 23:2,
 6 24:4,12 25:24 26:9
 28:3,5 31:15 32:11,15,18
Missouri's 22:25
Missourians 28:24 31:17
Moberly 9:8
moment 12:11 20:3
monitored 11:4
Monroe 17:2,4 21:5
Montgomery 8:3
mother 14:8
move 15:19 16:6 22:23
 24:20 26:16
moving 24:12
multistate 18:5
municipal 28:10
municipalities 28:5
mute 3:2

N

names 9:21,22 10:19
Nancy 4:7
Nathan 7:2
nation's 23:10
Natural 20:22
Necessity 3:12
needed 17:10 18:13
negative 19:22 31:22
network 31:24
nickname 22:8
noise 3:3
non-farming 20:4
north 24:2

<p>number 3:9 16:5 21:2 33:9</p> <p>numerous 14:21</p> <p>nutrients 19:14</p> <hr/> <p style="text-align: center;">O</p> <hr/> <p>O'BANNON 16:6,8,13,17, 20,24 21:12,17</p> <p>O-'B-A-N-N-O-N 16:21</p> <p>oath 4:23</p> <p>obtaining 18:2</p> <p>offer 15:21 33:1</p> <p>offers 14:21,23</p> <p>Office 7:1,3</p> <p>official 4:20</p> <p>one-half 17:8</p> <p>online 4:11 5:17 10:25</p> <p>open 24:24</p> <p>opening 5:4 6:7 24:20</p> <p>Operate 3:13</p> <p>operations 3:24</p> <p>Operator 23:16</p> <p>opinions 6:4,10 25:25</p> <p>opportunity 25:23 27:12 28:25 31:16</p> <p>oppose 17:6</p> <p>opposed 15:2</p> <p>opposing 25:25</p> <p>options 32:6,8</p> <p>order 17:23</p> <p>original 17:23</p> <p>originally 14:10</p> <p>outages 23:25</p> <p>owing 15:7</p>	<p>owned 14:9</p> <p>owner 14:10</p> <hr/> <p style="text-align: center;">P</p> <hr/> <p>p.m. 3:5 33:25</p> <p>paid 17:19 18:24</p> <p>paragraphs 20:11</p> <p>parcel 14:22 15:5</p> <p>part 31:19,23</p> <p>participants 26:21</p> <p>participate 33:21</p> <p>participated 33:2</p> <p>participation 6:4 33:20</p> <p>parties 6:14 9:16,17</p> <p>parts 30:15</p> <p>passed 14:9,20</p> <p>past 28:9</p> <p>payers 3:21</p> <p>people 10:19 15:7 31:21, 24 32:5</p> <p>percent 15:8 22:25 23:3,9 24:5,7,8</p> <p>percentage 17:10</p> <p>permitted 18:1</p> <p>person 10:6 11:10 14:16 21:19 25:3</p> <p>personally 32:5</p> <p>Phase 17:7</p> <p>phone 3:2 6:16,17 9:24 26:18,19 29:5,6</p> <p>picture 31:20</p> <p>place 17:8</p> <p>plan 8:4</p> <p>plans 19:7</p>	<p>plant 14:15 19:23 27:23</p> <p>PO 6:23 7:4</p> <p>point 8:24 24:23</p> <p>points 26:1</p> <p>polite 33:18</p> <p>pollution 19:14</p> <p>pose 5:25 30:17</p> <p>positive 31:22</p> <p>positively 32:2</p> <p>potent 19:9</p> <p>potential 17:13 20:15</p> <p>power 22:25 27:22</p> <p>practices 18:25 19:3 20:20</p> <p>preregistered 21:19</p> <p>preregistration 9:22 10:17</p> <p>presented 5:3</p> <p>presently 14:12</p> <p>preserve 23:15</p> <p>presiding 4:8</p> <p>press 6:17 29:6</p> <p>pressure 28:2</p> <p>pressuring 17:16</p> <p>prevent 23:13</p> <p>prevents 3:3</p> <p>previous 14:18</p> <p>price 18:24</p> <p>priced 3:20</p> <p>prices 23:21</p> <p>private 18:13</p> <p>process 9:20</p> <p>produce 22:25</p> <p>produced 14:19</p>
--	--	---

producers 19:9	questions 5:1,20,24 10:13,15 12:24 15:18 21:11,13 24:16 26:14 29:2 32:22	reliability 18:14 23:12
production 19:15,16,22 20:15	quoting 30:9	reliable 3:19
productivity 19:1		relies 19:16
profit 18:13		relieve 28:2
prohibits 20:11	<hr/> R <hr/>	remain 5:2 10:12
project 5:22 9:9 14:14 15:15 17:6,10,15,21 18:3, 5,8,15 19:7 22:17,20 23:1 26:4,6,12 27:20 28:23 30:7	raise 11:16 13:23 16:11 21:25 25:10 26:25 29:18 31:6	remarks 5:5 10:13 26:10 33:12
projects 18:19 23:19	raised 29:20	renewable 22:23 23:18 24:5,13 28:3
proper 9:9	Randolph 28:14	repeat 5:14
property 14:11,13,20,24 15:1,9,12 18:2,21 19:3 20:18 28:12	range 26:6	reporter 4:22 9:1 10:2 11:7,22 22:7 25:16 27:6 31:10
proposed 14:13,22 15:5 17:3	rate 3:21	representing 6:21
provide 28:3,6,8	rates 3:17 18:15	request 21:7 22:17 24:11
PSC 17:23 18:10	reach 28:18	requested 27:18
psc.mo.gov 10:10 33:8	real 22:9	requirement 18:20
psc.mo.gov. 10:9	reasonable 33:19	requiring 18:16
public 3:6,7,8,16,17,19, 21,24 4:11,20 6:22 7:1,3, 4 9:11 14:23 16:25 18:8, 18,21 21:7 27:11,17,23 28:21	received 14:21	reside 14:7
punishment 20:2	receiving 14:23	residents 23:3 28:4
purchase 14:21	recommend 11:3	resilience 27:20
purely 26:19	record 5:15 11:8 29:4 33:24	Resources 20:22
purpose 18:13 19:2	recorded 4:22 11:7	respectfully 21:7
push 13:10	reduce 14:16 23:15 27:21, 22	response 6:1
put 5:14 7:14 11:8 18:17	reduces 14:14	rest 9:14
	reductions 23:7	return 20:6
<hr/> Q <hr/>	redundancy 23:14	revenue 14:16,19
quality 3:23	referred 27:25	review 5:17
question 5:25 30:17	regional 18:13 23:23	rising 12:13
	regulates 3:16,23	roads 19:20
	regulation 4:6	rolling 23:13
	regulatory 4:7	route 14:22 15:5 17:3 19:18
	related 23:24	ruined 19:24
		runoff 19:13

Rupp 4:12 5:6 7:8 33:14**rural** 27:22 28:7,17

S

S-M-I-T-H 27:8**S-U-S-A-N** 13:21**safe** 3:19**safety** 3:24 23:11**sales** 28:11**saving** 23:3**savings** 23:5 28:15**scared** 12:16**schedules** 6:3**scheduling** 8:2**Schulte** 7:10**secure** 19:8**secured** 17:11**security** 23:12**selection** 26:5**Senate** 4:3**send** 8:25 33:7**sentiment** 5:21**serve** 19:2**service** 3:6,16,20,24 4:11,
21 6:22 16:25 18:18,20
21:7 27:12,17 28:21**services** 3:17 10:11 33:9**set** 3:7 14:17**share** 6:10 25:25**shareholders** 3:22**Shelbina** 28:15**shot** 16:5**shy** 33:5**sides** 26:2 27:15,16**sign** 17:17,18**sign-up** 9:22 10:17**signed** 12:10 15:20**signing** 4:13 5:8**site** 26:5**size** 20:18**small** 15:5,11 30:16,21**Smith** 26:24 27:4,7,8,11
29:1,2**social** 23:6**soil** 18:25 19:11,13,15,18,
22,24 20:9,10,13,15,20**solar** 23:25 24:2**solemnly** 11:16 13:25
16:14 22:2 25:12 27:2
29:21 31:7**someplace** 28:15**sound** 15:24 29:4**soybeans** 14:15**speak** 8:21 9:9 10:5,25
15:23 16:1 25:2,23 26:3,
20 27:12 28:25 31:3
32:25**SPEAKER** 7:19 8:10,22**speaker's** 8:14,18**speaking** 3:2 13:15 27:17**specialists** 4:5**speculative** 18:12,19**spell** 10:2 11:21 16:19
22:6 25:15 27:6 30:1 31:9**spelling** 25:17**split** 14:18**spoke** 30:4**spur** 17:5**St** 14:7 28:16**stability** 26:8**staff** 4:4 6:19,22**standards** 20:12**star** 6:18 9:25 13:10 26:20
29:6**state** 3:25 10:2 11:21
16:19 21:2 22:6,23 27:5
30:1**statements** 4:21**stating** 18:9**station** 3:15 17:8**statistics** 30:8**stay** 10:25 12:22 13:1
19:16**Stephens** 23:25**stewards** 18:22**stream** 33:4**Street** 6:23**strongly** 28:20**students** 28:14**studies** 30:8,9**submit** 10:8**sufficient** 23:18**suggest** 16:1,4**supply** 26:8**support** 26:12**supporting** 22:16**surface** 19:13**surfaces** 19:12**Susan** 13:9,18 14:6 15:20
30:3**sustainable** 18:24 19:1,2**swear** 9:25 11:17 13:25
16:14 22:2 25:8,12 27:1,2
29:21 31:7**system** 23:16,17

T

taker 26:23
taking 6:2,10 11:7 32:7
talk 31:17
talking 12:3,6
targeted 15:11
tax 27:21 28:7
taxes 28:12
technology 33:6
telephone 4:9 11:6 16:5
temporary 19:20
terminated 23:25
terms 4:3
testified 10:18,20 19:19 33:3
testify 9:23 10:21 29:4
testimony 4:21 6:13 11:10,17 13:6 14:1 16:15 21:18 22:2,16 23:6 25:12 27:2,15 29:22
thermal 23:24
thing 5:13,19
things 27:24 32:9
thought 30:17
thoughts 27:13
threat 17:12
Thursday 8:4
Tiger 14:12,24 15:2 17:4 18:10 22:18,19 24:6,11
time 3:7 6:3,10 8:5 9:9 10:8,16,22 14:20 18:15 21:9 24:20
today 3:5 5:1,8 23:1 26:3
told 17:17

tomorrow 8:1,3
tonight 4:11 9:20 12:5 27:15
topsoil 19:11,14
total 18:4
totally 15:2
towers 19:8
transcribed 11:8
transcripts 5:16,18
transition 22:22 24:5
transmission 3:14 14:12, 25 15:3 18:1,5,11 19:4,8 20:18,25 22:21 23:13,17, 24
transparency 31:14
transported 15:16
trouble 8:12
true 30:18
truncated 28:11
truth 10:1 11:18 14:2 16:16 22:3 25:13 27:3 29:23 31:7
tuning 31:15
turbines 17:14

U

unable 5:20 10:7 24:4
underground 32:6
understand 5:21 8:20
understanding 8:12 30:13
undoubtedly 31:21
unmute 6:17,18 9:24 11:13 26:18 29:5,6
unregulated 18:12,16,19
upgrade 23:19

urban 28:17
utilities 3:25 12:14
utility 3:17,20 4:6

V

valid 26:1
Vandergriff 6:20,21
varying 30:14
venture 18:12
versus 24:8
viable 14:15 24:3
video 11:6
view 26:1
violates 18:20
virtual 3:7
virtually 4:9
vital 19:15
voice 15:25 16:3
volatility 23:23
voltage 3:14 23:17
voluntarily 17:11
voluntary 18:12
vulnerable 28:2

W

W-I-D-E-M-A-N 13:21 30:3
wait 16:2
wanted 5:7 7:14 8:5,9 33:5,13
wanting 25:2
water 19:13 23:22 24:1
ways 31:22 32:1
weather 23:23

web 33:4

Webex 4:9

website 33:8

well-run 33:16

Wideman 13:12,16,18,19,
21,22,24 14:3,6,7 29:10,
13,14,16,17,20,24 30:2,3,
4,6 31:1

Williams 7:2

wind 17:14

wise 19:5

witnesses 4:22 10:21

work 33:6

working 10:23 17:16
20:12

world 19:1

worth 14:25 23:7

writing 10:9

written 33:7

Y

year 28:14

years 20:20 23:3,11 24:10