

BEFORE THE PUBLIC SERVICE COMMISSION

STATE OF MISSOURI

TRANSCRIPT OF PROCEEDINGS

RULEMAKING HEARING

In the Matter of the Proposed)
Commission Rule)
20 CSR 4240.1035 Residential) File No. OX-2026-0045
Advanced Meter or Hub Meter)
Opt-Out)

THURSDAY, NOVEMBER 13, 2025

12:00 p.m. - 12:55 p.m.

Governor Office Building

200 Madison Street

Jefferson City, Missouri 65101

VOLUME 1

NANCY DIPPELL, Presiding
CHIEF REGULATORY LAW JUDGE

KAYLA HAHN, Chair
Glen Kolkmeyer,
John Mitchell,
Commissioners

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25

1 Proceedings began at 10:00 a.m.:

2 JUDGE DIPPELL: Let's go ahead then and
3 go on the record. This is File No. OX-2026-0045
4 in the matter of the Proposed Commission
5 Rule 20 CSR 4240-10.035, Residential Advanced Meter
6 or Hub Meter Opt-Out.

7 My name is Nancy Dippell. I'm the
8 regulatory law judge assigned to this matter and
9 we've come here today for a rulemaking hearing
10 regarding that advanced meter opt-out rule. Since
11 this is a rulemaking hearing, we're here today to
12 take comments on the rule. And because of that,
13 anyone can speak or give comments; you don't need to
14 be an attorney or have an attorney represent you.
15 It's not like a evidentiary hearing, the comments
16 won't be sworn, but I will ask that if you are going
17 to speak, that you'll come to a microphone. If
18 you're seated at a microphone, you can stay there if
19 you wish or come up here to the front of the room if
20 you're not.

21 I'm not going to take entries of
22 appearance from the attorneys to start; I'll let you
23 give those as you go. And so that the court reporter
24 can keep things straight, I will ask that before you
25 give comments, that you state and spell your name. I

1 would also ask anyone online or in the room to mute
2 your devices. And if you're online and you need to
3 speak, you -- if you've muted yourself on a cell
4 phone, you'll need to press Star 6 I believe, as well
5 as be unmuted on your device or on the Webex.

6 With that I think we're going to get
7 started. I'm going to start with asking for comments
8 from Staff.

9 MR. STACEY: Good afternoon. This is
10 Scott Stacey with Staff Counsel's Office here for
11 Staff. Staff filed comments last week and we also
12 submitted a summary of the comments that were
13 presented by all the parties and along with Staff's
14 response. Staff is in support of this new rule. And
15 again, we are in support of it. And with me I also
16 have Claire Eubanks. If you have any questions, we
17 will try to answer those for you.

18 JUDGE DIPPELL: Okay. Thank you,
19 Mr. Stacey. I'm going to, just to keep our
20 transcript straight, I'm going to mark Staff's
21 summary and responses as Exhibit 1 just to add that
22 to our transcript.

23 (Exhibit 1 was marked and made a part of
24 the record.)

25 JUDGE DIPPELL: Are there any

1 Commissioner comments for Staff at this point?
2 Commissioners are online, so. I'm not seeing any
3 comments from the commissioners at this time. Did
4 you have -- did Staff have anything else at this
5 time?

6 MR. STACEY: Not at this time, Judge.

7 JUDGE DIPPELL: All right then. We will
8 move along. Would OPC like to go next?

9 MS. MARTIN: This is Anna Martin with the
10 OPC -- with the Office of the Public Counsel, excuse
11 me, just entering our appearance. I don't know if
12 you can tell, my voice isn't doing particularly well,
13 so if we have any comments, I'm going to pass the mic
14 over to Dr. Marke.

15 DR. MARKE: I will just add that we had
16 an opportunity to review Staff's response to the
17 stakeholder comments. We're in general agreement
18 with Staff's position. Thank you.

19 JUDGE DIPPELL: Okay. Thank you. And I
20 should have said if comments come up during the
21 course of other comments, I -- after everyone's had a
22 chance to speak, I'll offer up an opportunity to
23 respond, if that becomes necessary.

24 I'd like to go ahead then and start with
25 the utility commenters and then we'll go to the

1 general public or other organizations. Who is here
2 from the utilities that would like to speak? Just
3 kind of wave at me or nod at me. Okay. Go right
4 ahead.

5 MS. JOHNSON: Thank you, your Honor. My
6 name is Paula Johnson, first name P-a-u-l-a, middle
7 initial N., last name J-o-h-n-s-o-n. I'm appearing
8 on behalf of Union Electric Company d/b/a Ameren
9 Missouri.

10 I just wanted to quickly reiterate as we
11 stated in our comments we are very appreciative of
12 the hard work that Staff has undertaken in providing
13 additional clarification and guidance in the
14 implementation of the opt-out statute, the AMI
15 opt-out statute, and we had suggested some additional
16 clarification. I note that one of the things that we
17 initially brought up with regard to the fact that a
18 lot of times we have combination customers, both gas
19 and electric, that we had suggested deleting some
20 language that related to accounts. But I see that
21 Staff has changed -- suggested changing the language
22 from, In no event shall the utility assess more than
23 one monthly fee per account, to per meter. We are
24 fine with that revision. That takes care of our
25 concern, so we're supportive of that additional

1 revision.

2 I also want to acknowledge that we're
3 grateful that Staff recognizes that at some point
4 traditional meters might not long -- may no longer be
5 commercially available. As we noted in our comments,
6 we are already buying refurbished meters because that
7 style of meter is not being produced. But I also
8 wanted to thank a lot of our utility colleagues for
9 also bringing up that it's not just commercially
10 available, but because of various security concerns,
11 we also need to be cognizant of just because it's
12 commercially available doesn't mean that it's
13 necessarily an appropriate meter. So we appreciate
14 the suggestions that it also includes language from a
15 utility-approved vendor that meets the utility
16 specifications. We thought that was another very
17 good suggestion that we fully support. That was
18 brought up by Evergy and to an extent by Missouri
19 American Water too, so we want to express support for
20 that position.

21 We also note that Evergy and Missouri
22 American Water both brought up the point that access,
23 physical access to the meters is going to be very
24 important because the difficulty of reading the
25 meters is going to require, for those who choose to

1 self-read, it's going to require our ability to
2 access the meters regularly to be able to double
3 check and make sure it's done correctly. And this is
4 why I personally want to express how important that
5 was. My brother is actually a meter reader for the
6 city that we grew up in, and I would go read meters
7 with him periodically. And I even had the explicit
8 instructions on how to read a meter as I was
9 preparing the comments and I still got it wrong when
10 I was preparing those comments. So it's going to be
11 a learning curve and we're going to want to make sure
12 that we can help our customers out by being able to
13 physically get in and look at the meters on a regular
14 routine, because otherwise -- we don't want them to
15 be in a position of being greatly overcharged or
16 undercharged because of meter reading errors. So we
17 want to be able to offer them that support. So we're
18 very supportive of our utility colleagues for
19 bringing up that position also.

20 And I believe a lot of the things Staff
21 has pointed out in their comments, you know, we know
22 that we -- we think the ability to estimate, to keep
23 people in their billing cycles is very appropriate.
24 We do concur with Staff that it's something that we
25 would have the ability to do when we submit our

1 tariff. We think the ability to clarify the postal
2 service and the estimation in the rule would be
3 helpful, but if -- if we'll have the ability to do
4 that when we submit our tariff, we can accept that
5 too. Much like the point regarding the interest on
6 any potential inaccurate billings. So as long as
7 it's supported that when we get to the point of
8 actually submitting our tariff and we can work
9 through those issues at that time, we will be happy
10 to do that.

11 So with that, I just wanted to express my
12 appreciation for the opportunity to raise these
13 points, and we'll be happy to answer any questions
14 anyone might have.

15 JUDGE DIPPELL: Thank you. Ameren had
16 filed a motion after the close of the written comment
17 period to submit amended comments. And again, just
18 to keep the record straight, I think I'll mark that
19 document as Exhibit 2 and receive it as comments
20 today.

21 (Exhibit 2 was marked and made a part of
22 the record.)

23 MS. JOHNSON: Thank you, your Honor.

24 JUDGE DIPPELL: Were there any Commission
25 questions, Commissioner questions for Ameren at this

1 time? I'm not seeing any, so thank you for those
2 comments. Does Evergy have comments or Spire, sorry?

3 MR. YONCE: Yes, Judge. This is David
4 Yonce on behalf of Spire Missouri, Inc. I did
5 provide my contact information to the court reporter.

6 Good afternoon, Commissioners and Judge,
7 appreciate the opportunity to speak today. My
8 comments will be brief. We are supportive of the
9 rule and really appreciate Staff's work on the rule
10 and more recently pulling together a summary of all
11 of the comments. We have reviewed those. We did
12 file comments in the docket, but after reviewing
13 Staff's response to those comments, we believe that
14 our feedback and concerns are addressed in Staff's
15 response that was handed out by Mr. Stacey at the
16 beginning of the -- of today.

17 So we are good, we are supportive of the
18 comments, and again appreciate all the work by the
19 Staff on this. Thank you.

20 JUDGE DIPPELL: Thank you. Are there any
21 questions by the Commissioners for Spire? Not seeing
22 any. Do we have other comments here?

23 MS. COLEMAN: Hi. My name is Jennifer
24 Coleman and I represent Missouri American Water
25 Company. We appreciate the opportunity to provide

1 and participate in today's hearing. We would like to
2 thank Commission Staff as well for their diligent
3 work in this rulemaking.

4 We overall support the comments that
5 other utilities made this in this proceeding. And
6 Staff notated this on their recently-filed chart,
7 that the Company made a minor error when it filed its
8 comments referencing rule Section 2B. And so I just
9 wanted to call that out, and that citation should
10 have been 2C. Staff caught that as well.

11 And I also wanted to highlight some of
12 the challenges that water customers specifically may
13 have when reading their water meter. Unlike electric
14 and gas meters, water meters are often located in an
15 outdoor meter pit in the ground, and so that could
16 pose additional challenges for customers to access
17 their meter. And in some cases the meters could be
18 submerged in water if there was a recent rain event.
19 So we just wanted to highlight some of the practical
20 considerations about how customers are going to be
21 able to read their meter. Obviously we will provide
22 support and tools for the customers to do that, but
23 just given the location of the meter, that could pose
24 as a challenge. Thank you.

25 JUDGE DIPPELL: Thank you. Are there any

1 Commissioner questions for Missouri-American? Okay.
2 I don't see any. Does Empire have comments?

3 MS. CARTER: Thank you. Diana Carter for
4 the Empire District Electric Company, the Empire
5 District Gas Company, Liberty Utilities Missouri
6 Water, LLC and Liberty Utilities Midstates Natural
7 Gas Corp.

8 Also just wanted to say thank you for
9 having the opportunity here to participate and thank
10 you to Staff for all of their work. We do appreciate
11 that some flexibility remains through individual
12 tariffs and believe that will be helpful for the
13 different commodities and the different utilities.

14 JUDGE DIPPELL: Are there any
15 Commissioner questions for Ms. Carter? I'm not
16 seeing any. And I apologize, I didn't bring my
17 glasses up here, so that's why you're all -- faces
18 are all kind of fuzzy, so. Are there any utility
19 representatives that wish to give comments? Okay.
20 Not seeing any. Are there members of the general
21 public or other organizations that wish to give
22 comments? Just come up here to the podium and give
23 your -- state your name and give us your comments.

24 MR. ROBERT WORKMAN: Yeah, Judge. It's
25 an honor to be here. Thank you so much. Very

1 grateful. My name is Robert Workman. My name is
2 spelled R-o-b-e-r-t, Workman, W-o-r-k-m-a-n.

3 I am an electrical magnetic radiation
4 specialist, a building biologist here in Missouri,
5 have another certification in advanced grounding
6 techniques also, picoscope and oscilloscope training.
7 Basically in laymen's terms is what I can see. I
8 have the ability to see what is in the wiring of all
9 the voltages that are right above the 60-hertz cycle.

10 So some of the concerns I do have with
11 the new bill is the language that's put in the bill,
12 and I want to make sure that it states that it's a
13 mechanical, not an RF meter, not a traditional meter.
14 Because the traditional meter could be a digital
15 opt-out meter which the guts in that meter has been
16 biologically active for my customers. The switched-
17 mode power supply that's putting each one of those
18 meters direct into the lower voltages, and those --
19 that switched-mode power supply injects dirty power
20 above the 60-hertz cycle. It gets injected into the
21 wiring, and I can see that with my equipment.

22 And that -- what that dirty kilohertz
23 power actually is used to determine what each light
24 bulb and appliance is being -- is actually consuming
25 for the utility. And then I'm concerned about a

1 privacy issue that it could be downloaded and
2 actually used as a way, a method to find out where
3 people are at in the house at later dates.

4 So have the kilohertz frequencies above
5 the 60-hertz cycle. I'm also finding that we have a
6 big issue with the possibility of my customers using
7 those types of digital -- not -- digital meters where
8 they're actually being overcharged because they're
9 being charged every 15 minutes on each light bulb,
10 each appliance. That 15 minutes could end at any
11 time. And when you turn on the -- that appliance,
12 you have a voltage surge, and that voltage surge
13 would be calculated for the whole 15 minutes. So
14 that client would get a 15 minute service charge and
15 then if that appliance is turned off in 3 minutes,
16 it's still charged for 15 minutes. So I think that's
17 close to getting to dishonesty.

18 I also have a concern about privacy for
19 religion. We have certain clients that actually pray
20 during certain times of the day. And those peak
21 voltage uses could be turned on at those certain
22 times of the day to give them a higher bill.

23 Also, we also have a code violations
24 in Missouri that I'm finding, 250.3, I believe
25 it's 250.6 that there's actually wiring in the house

1 that's causing these injections of dirty power above
2 the 60-hertz cycle and it's getting transferred all
3 throughout the house because of the way the wiring's
4 set up, that these miss wires cause an explosion off
5 the wall where the higher frequencies consider above
6 that -- the kilohertz section of the damage which
7 causes more biological damage. Typically when those
8 injections go into the wiring, they span out about
9 five to seven feet which is usually what we deal
10 with. But when we have houses that now have these
11 smart meters, where before the clients were doing
12 okay, but as soon as the smart meter was put in or
13 digital non-RF meter put in, the guts inject that
14 throughout the house and it actually expands further
15 than that five to seven feet.

16 I'm also a little concerned -- excuse me
17 here -- besides the -- besides the wiring errors, we
18 have conduct -- we also have -- yeah. So I'm also
19 concerned because the digital non-RF would not
20 have -- cannot synchronize with the grid because the
21 radio frequency is what's used to do that, and it
22 would kind of float almost like computers are not
23 actually plugged into -- to the internet, so over
24 time, that time would not be calculated at the right
25 time to charge these peak charges.

1 The analog mechanical meter does not have
2 any of these flaws. It's actually a perfect meter.
3 It's a green meter. It actually only calculates the
4 amperages. And then the transformer side of an
5 analog meter, mechanical meter, it kind of suppresses
6 the dirty power. And what I'm talking about that is
7 the power supplies are right before the sensor of the
8 digital mechanical meter or smart meter, and it picks
9 up what we call amperage in voltages. So it ascends.
10 The utility company is saving money, but the
11 consumer's not. So all these smart devices are
12 producing dirty power above that 60-hertz cycle and
13 the smart digital non-RF meters are picking that up.
14 So then, therefore, we have customers getting high
15 utility bills, they can't figure out why.

16 Then we have the issue with we have --
17 because of the way the grid is done, the neighbor's
18 smart devices and all their devices they have, that
19 dirty power gets into the grid because we're all
20 connected to the secondary side of that transformer.
21 That secondary side of our transformer energy gets
22 transferred to my -- to my customers' houses. And
23 we're picking that up with oscilloscopes and
24 picoscopes which is above the 60-hertz cycle, usually
25 around 20 -- 20,000 kilo -- 20 kilohertz, 60

1 kilohertz at a hundred kilohertz, sometimes 300
2 hundred kilohertz of energy.

3 So I'm asking that we have a pretty
4 straightforward bill that states that we want a
5 mechanical non-RF meter versus a digital meter which
6 has though those flaws in the guts of the actual
7 meter which is actually more of a computer system
8 versus a meter.

9 JUDGE DIPPELL: Okay.

10 MR. WORKMAN: Do you have any questions
11 for me?

12 JUDGE DIPPELL: Can I ask you just to
13 state the scopes that you were talking about, the
14 names?

15 MR. WORKMAN: Yeah. The picoscope and
16 oscilloscope. Basically it's equipment that I've
17 been training from a 40-year electrical engineer who
18 worked on NASA's space program, and he spent about
19 four months with me above and beyond when we -- we
20 actually went through about 200 houses and set it up
21 and he trained me how it works. That way you see the
22 energy rise above that 60-hertz cycle.

23 And we know as a building biologist that
24 the energy -- the energy above 2 kilohertz is
25 actually what causes most of the biological activity.

1 And all I foresee -- I've never seen a peer-reviewed
2 study in history that shows that these -- that this
3 dirty power is actually safe. Sometimes they use
4 they can't find harm, but if you're not looking for
5 it, you're not going to find harm. I'm looking for a
6 study that shows that it's safe; I haven't seen that
7 yet.

8 But due to observational studies doing
9 thousands of surveys around the country with me and
10 my teams, team members and doing 230 here in Missouri
11 area, we're finding when people have the analog
12 mechanical meter, they do better. If they get the
13 digital or the digital radio frequency meters, that's
14 where the harms occur because of the -- it's not the
15 amount of radiation; it's the pulse modulation. It
16 doesn't matter how much the radiation is; it's the
17 spiking, the millisecond spiking's what actually
18 causes the damage. When we can remove the spiking in
19 the wiring and also the spiking in the air, that's
20 when my clients get better.

21 And just so you know, I was also injured
22 from this as well so I have two medical doctors
23 that'll confirm my injuries from these types of smart
24 devices. So that's kind of how I got into the
25 business. I don't do this for a living. I have

1 my -- I have my own construction company, and I just
2 do this because it needed to be done.

3 JUDGE DIPPELL: Okay. Thank you. Are
4 there any Commissioner questions for Mr. Workman?
5 I'm not seeing any. Thank you, Mr. Workman --

6 MR. WORKMAN: Thank you.

7 JUDGE DIPPELL: -- for your comments.

8 MR. WORKMAN: Thank you very much.

9 JUDGE DIPPELL: And is there anyone else?
10 And I realize that we do, I believe, have some
11 members of the public online that may want to give
12 comments, but I'll take the rest of the comments in
13 the room first. Is there anyone else that is present
14 that wanted to give comments? Okay. I'm not seeing
15 anybody. And now I know -- do we have Ms. Peterson
16 online?

17 MS. ELIZABETH PETERSON: Yes, I'm here.

18 JUDGE DIPPELL: Thank you. Would you
19 like to give comments, further comments,
20 Ms. Peterson?

21 MS. PETERSON: Yes, I would. First off,
22 I appreciate you doing accessibility accommodation
23 today. I do care for a disabled individual and as
24 he's homebound, I cannot leave and so you're
25 respecting the federal law of ADA compliance and I

1 just so appreciate you taking this online for my
2 public comment.

3 Okay. Second, I've been aggressively
4 working with the State and the local and the federal
5 and so that the Commissioners know as well as
6 yourself, your Honor, that I didn't take my role
7 likely when I tried to assist with people who are
8 concerned about what's called advanced meters which
9 is the actual name and title of this I believe
10 advanced metering, okay.

11 So advanced meters to me are
12 indicative -- and I just want to be, like Rob
13 Workman, want to be clarifying because the word
14 "traditional" is getting I guess a little stretch of
15 the envelope. We are interested in keeping away from
16 anything advanced. And advanced meters will require
17 that we would allow chips inside the devices. And
18 those chips are what are in -- I know that the term
19 "smart" is getting confused because we had a smart
20 meter opt-out. And so then we went to a non-RF
21 digital, but a non-RF digital is what was proposed by
22 one of the vendors recently and we had a little
23 conflict and I am still trying to clarify that.

24 When the word "smart" gets confused, if
25 there's a chip inside of the meter, and being the

1 fact that it's a digital meter, it's actually a smart
2 device. You remember those flip phones we had when
3 you just opened them up and you talked and never
4 thought we'd have anything that had a chip inside
5 that was smart and you could type into it and stuff.
6 It's very technical, right.

7 But it's actually -- every advanced meter
8 is a smart meter. So everything other than analog is
9 not a traditional meter. And I'm feeling like we're
10 having to make a clarification here that I thought
11 the statute presented well. But I guess not because,
12 like I said, I'm getting a lot of blow back. And
13 unfortunately the process of demand and supply, which
14 is the reverse situation we're trying to get, the
15 supply of the analogs again, but we must let the
16 vendors get the opportunity to tell their
17 manufacturers we demand the supply.

18 Because the law says we get the analogs.
19 And, oh, my goodness, what doors that can open. It's
20 the reverse use of the word "demand" to supply. And
21 that's how it's going to happen. And then
22 manufacturers are going to come along because they're
23 trying to follow the law too. They're not -- why
24 would they produce things that are advanced meters
25 anymore. It's just going to be a headache and

1 they're going to sit somewhere.

2 And by the way, where they sit, every
3 eight years on the non-RF meters which is my other
4 concern of ecology here, is when they pull them off
5 every eight years because they are smart, even though
6 they are non-RF digital, they're still smart, they
7 pull them off in a cycle life of eight years. And
8 then they put them in E-waste trash into our
9 landfills. And I have worked hard to talk to DNR and
10 the commissioner there, his name is Ryan Seabaugh.
11 We've spent, you know, at least 15 minutes, he gave
12 me maybe a half hour one time. But I talked to Emily
13 Wilbur who's the director of the energy division, the
14 new director there, and she knows and everybody
15 knows, anything that's not in the last 60 years,
16 which is an analog meter, is a smart meter. And when
17 we create that into our environment, we're just
18 creating more E-waste.

19 And we're -- my brother works for
20 Missouri Conversation. He was going to try to get on
21 here; I don't know if he's going to be able to. He's
22 a biologist and he's seen those E-waste dumps. And
23 again, you wouldn't want to know what eight million
24 smart meters going into E-waste dumps looks like in,
25 like, even in a 20-year time frame. Because there's

1 eight million every eight years going in the E-dumps.
2 So we are harming our little creatures out there that
3 we try to preserve and support to take care of by
4 throwing things away like this.

5 The second thing is, I have an older
6 refrigerator. So I'm just one person that has an
7 older refrigerator. And if they hook a non-RF
8 digital meter on my house, within a year it will ruin
9 my current refrigerator. It -- that dirty
10 electricity that Rob is talking about, it travels
11 along the lines and it's bleeding off and it's not
12 only harmful to an ADA perspective or the disabled
13 person with two metal hips in here. He's walking
14 along the carpet and he's getting a little bit of a
15 shock.

16 And why I want to go into that is because
17 the Attorney General's Office in 2017 took in a case
18 matter like this with horses outside of St. Louis
19 where this dirty electricity was coming in off of
20 these brand new what they call grid, smart grid
21 transformers that's put on the right-of-way property
22 there of 60 acres. Now, she wants to remain
23 anonymous, but she's one of a Facebook group of
24 three, four hundred in St. Louis who's told me
25 their stories. And then there's ones that we had

1 through 300 in four state's regions that have
2 stories.

3 But I'm going to stay on dirty
4 electricity just for a second because that's a
5 stronger leg of what we're dealing with now which is
6 these non-RF smart meters that are called digital
7 meters. Okay. So when we think of dirty electricity
8 and we just see the gambit of it coming in our house
9 or wherever and that's a problem and ruin my
10 refrigerator and make me sick or cause my patient
11 here with two metal hip implants to feel the
12 vibration of static coming up and shocking him, they
13 don't want to know that.

14 But I can tell you about horses and
15 animals that have been injured on property and that
16 it went to the Attorney General's in 2017 and I kept
17 all that documentation. I sent it in to the lawyer
18 there. And Cooper Childers, he's the liaison; he's
19 well-aware. I'm not happy with the fact that that
20 particular vendor, won't name names, came out and
21 pulled those transformers, admitted there was a
22 problem, but to this day this lady can't let her
23 horses drink on their warming water trough that they
24 paid thousands of dollars for because they get
25 shocked to this day. Even though they removed those

1 transformers, there's just this other kind of static
2 bleed that's coming in because of our, quote, need to
3 have a grid, a smart grid.

4 We got transformers now popping up on
5 your corner of your house in your yard. They look
6 like -- I don't know what -- they're huge.
7 They're -- I'm five foot tall, so they're like half
8 my size in feet and depth. And they're pretty high,
9 probably come up to my waist. But those are just
10 basically transformers to make sure they can do
11 digital meters. It's all smart technology. So it's
12 links in a chain that they want to keep running so
13 they can do it this way and none of it leads to a
14 healthy environment. None of it leads to a proper
15 electrical currency running under our ground. And
16 there's health hazards, they're biological hazards.

17 And where we're moving with the smart
18 stuff, it's getting scary. The data centers, I know
19 Senator Hawley is working hard in St. Louis, just
20 prevented one from coming in. But this is the kind
21 of thing we're just going to go all out and we're
22 just going to look the other way and then people are
23 sick. And I can't tell you how sick this lady that
24 when her horses died and her dogs died and then she
25 got brain cancer and then her -- some of her

1 neighbors near those transformers, some of them did
2 pass away. The attorney generals can't go in and
3 prove all this, but the stories are there.

4 And by the way, the Department of Natural
5 Resources never got in on this. And why? Because
6 this is EPA. And I have reached out to EPA Region
7 Five, David Cossette is the director. He knows the
8 entire story. We've sent him stuff. We've talked to
9 the Department of Justice environmental attorney
10 Charles Thomas on this matter, and we want him to
11 come in and make the EPA come down here and do
12 something.

13 Because, you know, Emily Wilburs doesn't
14 have the staff and the knowledge and the kind of
15 stuff that Robert's talking about because our state,
16 we can't just -- we can't just self-contain and
17 handle this because we don't have the EPA, we don't
18 have the experts like Robert. They're sitting up
19 there in Kansas City and I've asked them to send them
20 down or listen to my guy in St. Louis with the same
21 credentials toe to toe. And I'm sorry, but they're
22 turning a deaf ear. And they were supposed to, with
23 the NEPA, they were supposed to do field tests and
24 all this stuff before they ever sent it through.
25 Unfortunately it came in through the UN agenda 2021.

1 And I think Trump was talking about it the other day
2 on a speech and he said, you know all that green that
3 they sent through, it's hogwash. He doesn't even
4 know why they did it. And they're bringing back
5 regular light bulbs now too.

6 So we know -- we listen to somebody in
7 the UN who decided we needed to go green and said
8 that the smart electronics and the smart grid was the
9 thing we needed. And they sent us smart meters all
10 across the country to the FCC who is in a lawsuit and
11 already been convicted, and they won't change their
12 safety regulatory, we've talked and talked, because
13 the one right below SCOTUS in Washington lawyers,
14 environmental health trust, has already beat them on
15 this. And he has 11,000 pages of white
16 documentation, white pages documentation. So they're
17 already in abatement of a judge.

18 And yet these smart meters are still out
19 here harming people who are literally -- I could cry.
20 I've kept them off my house and I will thank Liberty
21 for allowing me to have my analog this long. We're
22 starting to hit a little glitch, and I don't want to
23 be specific because, you know, we're letting the
24 Commission do their job. But everybody needs
25 educated and all the utility vendors that are -- are

1 just amiss to this.

2 I've talked to the engineering right here
3 in Joplin today and the vendor there and he's ready,
4 he's ready to be educated. He says, we really don't
5 want to hurt people inside their house. I said, I
6 know that. But it's we unfortunate, we have agencies
7 outside at the federal -- in the federal level that
8 passed in these smart meters. Now we've got somebody
9 saying that another kind of smart meter's not a smart
10 meter; they're calling it non-RF digital. No, it's a
11 smart meter. And it does switch properties just like
12 if you have a fan that you can only turn on or off,
13 but if you have a fan that can turn to three
14 different levels, high, medium, and low, and you do
15 that all day long, you're creating power switch.

16 And a power switch is what these non-RFs
17 do. In simple layman's terms, they spend all day
18 taking your kilowatts I believe to your amperage and
19 back and forth and just do a lot of the extra stuff
20 that doesn't need to be done. But for somebody that
21 wants it to report back to a smart grid to tell them
22 something like the stuff Robert is describing in
23 that 15-minute window is apparently important, but
24 it's really not. And so it's excessive and it bleeds
25 dirty electricity and that harms our health and it is

1 not heading in the direction of safe for
2 environmental cause, which is really the job of the
3 Department of Natural Resources, but it's over their
4 head. They don't have any jurisdiction. So it's
5 really the job of the EPA who hasn't stepped in and
6 helped Missouri.

7 So I'm really sorry that the Commission
8 is in a vulnerable position that the FCC put them in
9 charge of smart meters. And they did that to every
10 single state because they deploy them and then they
11 said they were your problem unless it was actual
12 cellular towers, which is telecom. And they -- and
13 yet this is telecom equipment, but they want you,
14 Missouri Public Service Commission, to oversee this
15 even though you don't have experts like Robert to
16 talk about it.

17 So it's been a really bad ride since the
18 UN agenda which is not clean energy and it's actually
19 harming. It's biologically harmful. It is a -- not
20 a good move in a way for America. We need to get
21 appliances and things that work. And an analog meter
22 lasts 60 years. It causes no health harm. It causes
23 no concerns. And we know how to read them. I've
24 done it. I've sent it in to my gas company who's
25 allowed me to do that, and then sometimes they want

1 me to double check it. But it's simple and we work
2 together. Spire has been a blessing.

3 I don't have any qualms particularly with
4 any of the utility vendors. I know they're a
5 business trying to make money. But when ethics come
6 above money and when our civil rights come or our
7 rights to protection of our environmental health and
8 concerns and we have real case studies and things to
9 promote that we're not wearing tinfoil hats anymore,
10 then we need to also bleed this over into talking
11 about dirty electricity, which is I think the concern
12 right now because the non-RF digital meters are
13 trying to slide in as a traditional meter because you
14 can look at them and read them. That has nothing to
15 do with this rulemaking bill against advanced meters.
16 These are advanced meters. What don't we understand.

17 And as my city planner said to me, what
18 doesn't that vendor understand about the word
19 traditional meter. That means analog. And I'm
20 quoting somebody in -- you know, I failed to mention
21 what city I'm in, but this is the kind of thing that
22 we just understand out here. So who's confused. I'm
23 worried. I'm worried that vendors are confused. And
24 they need clarification and I'm so glad that you guys
25 are here to present and to be able to try to make

1 clarification as best you can with all of this input
2 from today and just let me -- letting me finish and
3 represent some people that weren't able to come on as
4 expert witnesses. So I thank you for the extended
5 time frame of speaking.

6 JUDGE DIPPELL: Thank you, Ms. Peterson.
7 Are there any Commissioner questions for Ms. Peter?
8 All right. I'm not seeing anything. Thank you
9 again. Is there anyone else online that wished to
10 give comments?

11 MR. BOB PETERSON: This is Bob Peterson.
12 I would like to have just less than three to four
13 minutes.

14 JUDGE DIPPELL: Go ahead, Mr. Peterson.

15 MR. PETERSON: Yes. In responding to a
16 little bit of what I've heard already today, I
17 wanted to present for your evidence an article from
18 July 19th, 2012 entitled the 21st Century House from
19 a -- it's a magazine in Quebec, Canada. And it's an
20 article entitled Smart Meters: Correcting the Gross
21 Misinformation. And it's an article that interviews
22 Dr. David O. Carpenter who is the founder of the
23 University of Albany New York School of Public
24 Health. And briefly in this article he lays out the
25 misinformation that we've been receiving even at that

1 point in 2012 regarding the falsehoods surrounding
2 electromagnetic waves and fields and with respects to
3 how they are, in fact, evidence provides in the
4 disproving of these -- this misinformation, the
5 evidence is sufficient providing brain cancer,
6 electrosensitivities, biological effects,
7 discrimination of early warning scientists like
8 myself.

9 I am a biologist with a Master's degree,
10 and I come to you with that stating that there's just
11 so much misinformation out there when, in fact, you
12 get a professor like this, a doctor of medicine
13 that's basically stating the utility companies have
14 been using their own industry people to provide this
15 information that the public receives how friendly all
16 this stuff is biologically speaking perhaps.

17 And so I strongly urge you to seek out
18 that article. Again, Smart Meters: Correcting the
19 Gross Misinformation, the 21st Century House. It's a
20 magazine based out of Quebec, Canada. Again that was
21 July 19, 2012 when that was written.

22 Early warning signs. We're missing the
23 early warning signs. And speaking of signs it's been
24 obvious to me as a customer in the state of Missouri
25 of electricity that there is a monopoly that is going

1 on with the electric -- electricity utility
2 companies. Having previously worked for a telephony
3 company, the Baby Bells were split up. We were
4 forced to lease our telephone lines to other
5 companies to create competition for the customer and
6 fair competition to the utility companies.

7 Several of us in the state of Missouri
8 are bound by what Liberty Utilities is sending us.
9 We're bound by what has been previously approved to
10 bill us from the Missouri Public Commission with
11 regard to, for example, an Asbury power plant upgrade
12 which occurred in 2014 which probably was implemented
13 in around 2016, Asbury, Missouri; upgrading the coal
14 to -- with a brand-new scrubber to meet EPA
15 regulations, 112 to 130 million dollars passed along
16 to the consumer with the approval of the Missouri
17 Public Commission Safety Commission. And then less
18 than ten years later, the public was forced to now
19 pay for the demolition of what they had just paid to
20 create in less than ten years. Asbury power plant
21 has been demolished and subsequently been approved
22 by the Public Service Commission as well, the State
23 of Missouri, to pass that bill along to the consumer
24 of \$81-plus million.

25 You know, I just -- you begin to look at

1 what's going on. And it just -- if it doesn't sound
2 right, if it looks like a rat, if it looks -- it kind
3 of looks like some things are going on that are not
4 right, they're just not right from that billing
5 standpoint alone.

6 And so with that, I just, you know, I
7 found -- I find it hard to believe that -- I just
8 think there's -- they're exceeding their rights as a
9 Liberty -- as the utility company. Surely they have
10 insurance to pay for supposed storm damage that we're
11 now being, as a consumer, paying for. Surely they
12 have an insurance company that's paying for that. I
13 mean, it's the cost of business, and I understand
14 they invested several hundred million dollars in
15 Asbury power plant. But that's the cost of doing
16 business. That's just the cost --

17 JUDGE DIPPELL: Mr. Peterson, let me
18 interrupt you just a moment. We are here to today to
19 talk about this rule. If you have comments about
20 other utility matters, I'd invite you to go to our
21 website, PSC.MO.gov and click on the Comments button
22 and submit those comments. But do you have other
23 comments related to the rule?

24 MR. PETERSON: Other than just to say
25 that the consumer deserves a choice with regards to

1 analog and smart meters and so I'll end with that.
2 And so thank you for hearing me out and I will seek
3 out your website and again try to vent in that route.
4 Thank you very much.

5 JUDGE DIPPELL: Thank you. Are there any
6 Commissioner questions for Mr. Peterson? I'm not
7 seeing anything. Thank you again, sir. Is there
8 anyone else online that wished to give comments
9 regarding the rulemaking? If you're on a phone, you
10 might have to hit Star 6 to unmute yourself. Okay.
11 I'm not seeing anything else.

12 MS. CATHERINE COGORNINO: Yes.

13 JUDGE DIPPELL: Oh, I'm sorry.

14 MS. COGORNINO: Yes. My name's Catherine
15 Cogorno.

16 JUDGE DIPPELL: I'm sorry, can you repeat
17 that?

18 MS. COGORNINO: My name is Catherine
19 Cogorno. I'm from Kirkwood, Missouri.

20 JUDGE DIPPELL: Can you spell your name
21 for us.

22 MS. COGORNINO: Yes. It's
23 C-a-t-h-e-r-i-n-e. The last name is C-o-g-o-r-n-o.

24 JUDGE DIPPELL: Thank you. Go ahead.

25 MS. COGORNINO: Okay. I am supporting

1 Elizabeth Peterson and Robert Workman who I believe
2 just spoke. I've been adamantly opposed and fighting
3 the smart meter in all aspects from the
4 implementation and forced taking of it for nine
5 years. I've written the Missouri Public Service
6 Commission, the utility alliance, our senators. And,
7 in fact, I am a founding member of St. Louis for Safe
8 Technology, which is a group of people who are
9 concerned with the smart meters and 5G. And we have
10 over 500 people on our Facebook page with tons of
11 information that people are sharing daily, and the
12 smart meters is one of the top concerns, that people
13 don't want them, they want to opt out, they're being
14 charged extortion fees to keep the analog. And now
15 we have the situation where you're offering
16 pseudo-analog for children who are -- instead of the
17 digital ones which is totally unacceptable.

18 So I'm going to read a statement myself
19 personally. It's going to be brief. Okay. First of
20 all I believe, and I've written before, that I also
21 follow Children's Health Defense and the
22 environmental impact of their environmental health
23 trust; it has thousands of peer-reviewed studies
24 proving for decades, and the government knows, that
25 this wire radiation is toxic. And also the smart

1 meters are pulsing thousands of times a day and
2 that's causing health problems that our authorities
3 and all the people involved in this do not want to
4 recognize.

5 I believe anything that's forced upon
6 anyone is -- that's hazardous is illegal, or even if
7 it's potentially hazardous. Kirkwood Electric eight
8 years ago put on my house an electric smart meter
9 without my consent, which I had objected to it in
10 writing and verbally at a town hall meeting multiple
11 times in months before. I fought for years and, like
12 I said before, wrote to my local reps and many
13 senators and PSC, the utility lines, nobody cared, or
14 even to get information when it was their job.

15 I believe -- I am told they are totally
16 irresponsible by not -- by just adhering to the --
17 trying to hide behind the FCC rule we know -- whose
18 guidelines we know are 25 years obsolete and who are
19 in contempt of court for never considering the
20 thousands of studies providing harm from wireless
21 radiation and they are complicit in corruption and
22 crimes against humanity. So even though this sounds
23 like 5G, the smart meter thing falls right into that.

24 The smart meters are constantly pulsing.
25 I have actually measured it in my house with the help

1 of Robert Workman who's a certified building biology
2 expert. And I had to buy expensive filters to reduce
3 the dirty electricity that the smart meter was
4 causing in my house, in addition to having to move
5 out of my bedroom because the meter was two feet away
6 from where I was sleeping and I was getting very ill,
7 was having brain fog, headaches, insomnia, and
8 actually heart problems. I had to go to a heart --
9 heart -- cardiologist I had never been to in my life
10 and -- to straighten out the stuff. And meanwhile I
11 was learning a lot about all this.

12 But it's time to get real about the
13 effects, not only on the average person, but children
14 and animals and the elderly who are vulnerable and
15 people who have cancer. And so my Kirkwood Electric
16 did not allow me to opt out. They -- and -- which I
17 believe the Public Service Commission should have
18 forced them to allow me to opt out. So now we
19 have -- well, now we have the gas digital meters also
20 and we have to pay three dollars a month which is an
21 extortion fee to have those, then come and read them
22 when we easily could read it ourselves like we used
23 to do years ago.

24 So we don't want to be fried. We don't
25 want to be surveilled and see the health of our loved

1 ones, children and elderly especially, deteriorate
2 from toxicity we didn't ask for. We want our real
3 analogs brought back, the ones that last many, many
4 years if not decades and that don't emit any
5 radiation; they don't pulse and they're not
6 communicating. You are responsible for defending the
7 safe and healthy of your family as well so please do
8 the right thing. And remember that radiation is
9 cumulative.

10 I want to thank everybody there who's
11 looking into this, especially the people who are
12 standing up to this who have been fighting this for
13 many years. And thank you for taking my testimonial.
14 Thank you.

15 JUDGE DIPPELL: Thank you for your
16 comments. I will just clarify for you that if your
17 electric provider is the City of Kirkwood, the
18 Commission does not actually regulate the municipal
19 utilities, but.

20 Ms. COGORNO: No, I know -- I know they
21 don't. I know they don't. I got that message in a
22 letter years ago. But there's some -- but they
23 should. There has to be a way where everybody's
24 treated the same. And the danger's not just to some,
25 it's to all. So I'm just saying that. I know that's

1 a problem. I appreciate you reminding me, but I
2 already know that. That's precisely why I'm trying
3 to communicate to you because they don't listen, they
4 don't care. They don't even read my emails. I've
5 been banned from communicating to them. That's how
6 bad it's gotten.

7 JUDGE DIPPELL: And we appreciate -- we
8 appreciate your comment and it's relevant to the
9 rule. I just wanted to make sure you were aware.

10 MS. COGORNNO: Yes. I have a letter way
11 back I wrote a little more than like seven or eight
12 years ago to the PSC and also to the public alliance
13 and got the same runaround. You know, nobody seems
14 to be responsible.

15 JUDGE DIPPELL: Okay. Thank you.

16 MS. COGORNNO: We're at a point where
17 cumulative radiation is a serious problem. I'm in
18 the healing arts field and I can tell you every day
19 people are coming to my healing practice with
20 problems related to their immune system, their
21 neurology, headaches, brain fog, insomnia, heart
22 problems. I mean, the signs are there, so that's --
23 I just don't want to go into any further because it
24 gets me really -- makes me angry, but I appreciate
25 the opportunity to speak. Thank you.

1 JUDGE DIPPELL: Thank you very much for
2 your comments. Are there any Commissioner questions?
3 All right. Seeing none. Thank you. Is there anyone
4 else online that wished to give comments? Okay. I'm
5 not seeing any. Was there anyone else in the room
6 that wished to give comments? And I'm not seeing any
7 here. Well, I thank you all for your participation.
8 The Commission appreciates your comments. And I
9 believe that will conclude this hearing. We can go
10 off the record.

11 (Off the record at 12:55 p.m.)
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CERTIFICATE OF REPORTER

STATE OF MISSOURI)

COUNTY OF CALLAWAY)

I, Shelley L. Bartels, a Certified Court Reporter, CCR No. 679, do hereby certify that I was authorized to and did stenographically report the transcript of proceedings; and that the foregoing transcript, pages 1 through 42, is a true record of my stenographic notes.

I FURTHER CERTIFY that I am not a relative, employee, or attorney, or counsel of any of the parties, nor am I a relative or employee of any of the parties' attorney or counsel connected with the action, nor am I financially interested in the action.

DATED this 20th day of November, 2025.



Shelley L. Bartels, CCR 679

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