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4	STATE OF MISSOURI
5	PUBLIC SERVICE COMMISSION
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7	IN THE MATTER OF A PROPOSED RULEMAKING TO AMEND
8	COMMISSION RULE 4 CSR 240-20.065
9	Case No. EX-2009-0267
10	Case NO. EX-2009-0267
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12	TRANSCRIPT OF PROCEEDINGS
13	PUBLIC HEARING
14	VOLUME 1
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6	Public Hearing	
7	May 1, 2009	
8	Jefferson City, Missouri	
9	Volume 1	
10		
11	In the Matter of a Proposed ) Rulemaking to Amend Commission ) Case No. EX-2009-026	
12	Rule 4 CSR 240-20.065 )	
13		
14	MORRIS L.WOODRUFF, presiding,	
15	DEPUTY CHIEF REGULATORY LAW JUDGE ROBERT M. CLAYTON, III, Chairman	
16	(via telephonically)	
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18		
19		
20	REPORTED BY:	
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1 PROCEEDINGS
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- JUDGE WOODRUFF: Good afternoon everyone.
- 3 Welcome to the comment hearing on proposed rulemaking to
- 4 amend Commission Rule 4 CSR 240-20.065. It's described as
- 5 File No. EX-2009-0267. And as indicated, this is a public
- 6 comment hearing, so we're going to hear comments.
- 7 Let's start by taking entries of appearance
- 8 from the attorneys.
- 9 Before I do that, I want to mention that
- 10 Chairman Clayton is on the telephone.
- 11 Chairman Clayton, can you hear us?
- 12 CHAIRMAN CLAYTON: I can hear you. Thank
- 13 you.
- 14 JUDGE WOODRUFF: Okay. Beginning for
- 15 entries of appearance, then, beginning with Staff.
- 16 MR. DOTTHEIM: Steven Dottheim, Post Office
- 17 Box 360, Jefferson City, Missouri 65102, appearing on
- 18 behalf of the Staff of the Missouri Public Service
- 19 Commission.
- JUDGE WOODRUFF: All right. And for Public
- 21 Counsel.
- 22 MR. MILLS: On behalf of the Office of
- 23 Public Counsel and the public, my name is Lewis Mills. My
- 24 address is Post Office Box 2230, Jefferson City, Missouri
- 25 65102.

1 JUDGE WOODRUFF: And I see an attorney for

- 2 AmerenUE here.
- MS. TATRO: Wendy Tatro, T-a-t-r-o,
- 4 1901 Chouteau Avenue, St. Louis, Missouri 63103, appearing
- 5 on behalf of AmerenUE.
- JUDGE WOODRUFF: Okay. And I believe
- 7 counsel for Renew Missouri is here.
- 8 MR. ROBERTSON: Yes. Henry Robertson, Great
- 9 Rivers Environmental Law Center, 705 Olive Street,
- 10 Suite 614, St. Louis, Missouri 63101, appearing on behalf
- 11 of Renew Missouri.
- 12 JUDGE WOODRUFF: Okay. I just note that
- 13 there is no sound on the web cast, so I'm going to check
- 14 on that.
- 15 He just e-mailed me back saying the sound is
- 16 okay now, so we're okay.
- 17 All right. Well, let's begin for comments
- 18 with Staff.
- 19 I'm sorry. There is some other gentlemen in
- 20 the room here.
- 21 Are either of you attorneys?
- 22 No.
- Who are you representing?
- 24 MR. RENTZ: Henry Rentz for Missouri Valley
- 25 Renewable Energy. We're a solar installer.

- 1 JUDGE WOODRUFF: Okay. And the other
- 2 gentleman.
- 3 MR. PROST: And my name is Vaughn Prost of
- 4 Missouri Solar Applications. We're a solar designer/
- 5 installer.
- 6 JUDGE WOODRUFF: All right. I'll make sure
- 7 everybody gets a chance to comment today.
- 8 We'll begin with Staff.
- 9 MR. DOTTHEIM: The Staff hasn't filed any
- 10 comments, and we don't have any prepared comments. If
- 11 there are any questions from the bench or questions from
- 12 Chairman Clayton, the Staff has Dan Beck of the Energy
- 13 Department here today who is available to testify.
- I myself, though, rather belatedly, noticed
- 15 an item in the proposed amendment that I might make note
- of, and that is, there is a reference in the proposed
- 17 language regarding any tariff or contract offered by a
- 18 utility or cooperative to customer generators shall
- 19 contain certain language.
- 20 The prior legislation to the Net Metering
- 21 and Easy Connection Act, that is, the Consumer Clean
- 22 Energy Act legislation, gave the Commission jurisdiction
- 23 over rural electric cooperatives regarding net metering.
- 24 And the Consumer Clean Energy Act created
- 25 Section 386.887, which was subsequently repealed by the

- 1 Net Metering and Easy Connection Act, which established
- 2 Section 386.890.
- 3 But going back to the Consumer Clean Energy
- 4 Act, 386.887.3, contains the sentence: The Commission, in
- 5 consultation with the Department and retail electric
- 6 suppliers, shall develop a simple contract for such
- 7 transactions and make it available to eligible customer
- 8 generators and retail electric suppliers.
- 9 As a consequence of the language in the
- 10 Consumer Clean Energy Act, that language applied to rural
- 11 electric cooperatives, in addition to public utilities.
- 12 In the subsequent legislation the Net
- 13 Metering and Easy Connection Act, the legislation was not
- 14 as broad. It did not extend the Commission's jurisdiction
- 15 as broadly as had the prior legislation.
- I would direct the Commission to
- 17 Sections 386.890.9 and 386.890.10.
- 18 386.890.9 states in part that the Commission
- 19 shall within nine months of January 1, 2008 promulgate
- 20 initial rules necessary for the administration of this
- 21 section for public utilities which shall include
- 22 regulations ensuring that simple contracts will be used
- 23 for interconnection and net metering.
- 24 Section 386.890.10 contains the sentence:
- 25 The governing body of a rural electric cooperative or

- 1 municipal utility shall within nine months of January 1,
- 2 2008 adopt policies establishing a simple contract to be
- 3 used for interconnection and net metering.
- 4 As a consequence of that language, I think
- 5 the Commission might want to take a look again at its
- 6 proposed language and possibly excise the reference to a
- 7 cooperative in its proposed language and limit the
- 8 reference to any tariff or contract offered by a utility
- 9 as opposed to any tariff or contract offered by a utility
- 10 or a cooperative.
- 11 I would also direct in that same vein the
- 12 Commission to a section in the Net Metering and Easy
- Connection Act to Section 386.890.6(3), which states in
- 14 part: For customer generator systems of greater than ten
- 15 kilowatts, the Commission for public utilities and the
- 16 governing body for other utilities shall by rule or
- 17 equivalent formal action by each governing body, colon, A,
- 18 set forth safety performance and reliability standards and
- 19 requirements and, B, establish the qualifications for
- 20 exemption from a requirement to install additional
- 21 controls, perform or pay for additional tests or
- 22 distribution equipment or purchase additional liability
- insurance.
- 24 And I would direct the Commission to that
- 25 subsection, because, again, it appears to draw a

- 1 distinction between the Commission in regards to public
- 2 utilities and the governing body for other utilities,
- 3 which would be the governing body for, I think, rural
- 4 electric coops and municipal utilities, which distinction
- 5 I don't believe was made in the prior legislation for that
- 6 net metering.
- 7 Again, I apologize. I only belatedly
- 8 noticed that matter; otherwise, I would have submitted
- 9 those comments in writing.
- 11 got them on the record now.
- 12 MR. DOTTHEIM: Okay. Chairman Clayton, do
- 13 you have any questions for Staff?
- 14 CHAIRMAN CLAYTON: I have no questions.
- 15 Thank you.
- JUDGE WOODRUFF: Thank you.
- 17 Move now to Mr. Mills for Public Counsel.
- 18 MR. MILLS: Thank you, Judge. I have a
- 19 couple of comments.
- One, I believe that the Commission in its
- 21 package to the Secretary of State claims that it is
- 22 promulgating these rules under the authority granted under
- 23 Section 386.250 and Section 386.887, which is now and was
- 24 at the time that you proposed these rules invalid, no
- 25 longer in effect.

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1 So I don't know what effect that has on
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- 2 this entire rulemaking proceeding, but it certainly casts
- 3 a cloud on it if you're citing a repealed statute for
- 4 your -- statute for your authority that you're proceeding
- 5 in rulemaking.
- 6 But proceeding to more substantive
- 7 requirements, I think Mr. Dottheim's comments are well
- 8 taken, and I would also just for the sake of brevity
- 9 endorse the comments of Renew Missouri.
- 10 I think the Commission is not only, you
- 11 know, inherently going in the opposite direction of the
- 12 point of the Easy Connection Act, but some of the language
- in the rulemaking really isn't even a rule. It's sort of
- 14 an advisory opinion about what the law may and may not be
- 15 about liability.
- I mean, the last sentence in the proposed
- 17 rule, Section 4, says: Further, any tariff or contract
- 18 offered by utilities or cooperatives to customer
- 19 generators shall state that customer generators may have
- 20 legal liabilities not covered under their existing
- 21 insurance policy.
- 22 And I don't think it's appropriate in a rule
- 23 to require a contract to speculate about who may or may
- 24 not have liabilities.
- 25 The first sentence I think prior to that

- 1 attempts to create some liability that I think is probably
- 2 well beyond the rulemaking authority that was delegated to
- 3 the Commission by statute.
- 4 And the second sentence to which I just
- 5 referenced isn't even a rule. It's just sort of a
- 6 requirement that you state something in a contract that
- 7 doesn't really have any effect.
- 8 And then the final sentence that the
- 9 Commission proposes to add to the rule is even more
- 10 problematic because it doesn't even require that sentence
- 11 to be placed in a contract.
- 12 It's simply speculation in a rule about what
- liability may or may not be, and I don't think it has any
- 14 effect at all, and there is really no reason to have it in
- 15 there.
- Those are my comments.
- JUDGE WOODRUFF: Thank you very much.
- 18 Chairman Clayton, any questions?
- 19 CHAIRMAN CLAYTON: I'm sorry. I've got the
- 20 phone on mute. That's why it's taking me so long to click
- 21 over.
- I just want to be clear. Mr. Mills, you're
- 23 suggesting that -- you're joining in on the comments of
- 24 Renew Missouri with opposition to the extra language that
- was added in this rulemaking. Is that correct?

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1 MR. MILLS: That's correct.
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- 2 CHAIRMAN CLAYTON: Okay. Where do you stand
- 3 on the under 10kW insurance issue? Are you in favor of
- 4 repealing that as well?
- 5 MR. MILLS: I am in favor of repealing that,
- 6 but I don't believe that there is any necessity to go the
- 7 further step and either speculate about where liability
- 8 may lay or try to establish where liability lies in a
- 9 rulemaking.
- 10 CHAIRMAN CLAYTON: Okay. Where do you stand
- 11 on the over 10kW insurance mandate?
- 12 I think the rules sets it at 100,000, and
- 13 some of the comments suggest that it should increase to a
- 14 million dollars.
- Do you have a position on systems greater
- 16 than 10kW?
- 17 MR. MILLS: Mr. Chairman, I really don't.
- To my mind I think a million dollars is
- 19 probably excessive, but, honestly, I don't know how large
- 20 a system we may eventually be talking about or what the
- 21 cost of the insurance may be.
- I simply haven't enough information to make
- 23 a judgment call on whether it should be increased from the
- 24 \$100,000 that's in the rule currently.
- 25 CHAIRMAN CLAYTON: Okay. I don't have any

- 1 other questions. Thank you.
- JUDGE WOODRUFF: Thank you.
- 3 Move on to Mr. Robertson, then, for Renew
- 4 Missouri.
- 5 MR. ROBERTSON: Thank you, Judge. I filed
- 6 comments electronically yesterday.
- 7 Let me just say that there are two points I
- 8 want to make. First is that I agree with removing the
- 9 insurance requirement for systems of ten kilowatts or
- 10 less, the primary reasoning being that it simply was not
- 11 authorized in the legislation due to what was obviously a
- 12 drafting error by somebody in the Legislature.
- There was a cross reference to an insurance
- 14 requirement that didn't exist, and the Commission cannot
- 15 take the part of the Legislature and insert an insurance
- 16 requirement that the Legislature itself did not authorize.
- 17 And, secondly, we agree with Mr. Mills about
- 18 the language that's been added to the standard contracts
- 19 warning customer generators of these liabilities.
- This language is extremely vague as to what
- 21 those liabilities might be. I can't even tell what they
- 22 would be, negligence or other wrongful conduct that causes
- 23 personal injury, including death damages, to property or
- 24 other actions in claims.
- 25 That sheds no light; however, it does create

- 1 I think a good deal of heat in the mind of potential
- 2 customer generators who I think might be scared off and
- 3 deterred from taking advantage of the Easy Connection Act.
- I see that it serves no other purpose than
- 5 to deter them and has a chilling effect on their option to
- 6 use net metering under the law.
- 7 And since the Easy Connection Act has as its
- 8 purpose making interconnection an easy process using a
- 9 simple contract, I would ask the Commission to remove that
- 10 language.
- 11 And regarding Mr. Dottheim's interpretations
- 12 of the statutes, I had my mind on other things, but now
- 13 that I've heard and seen him dissect the law, I concur
- 14 with him. I think he is correct.
- JUDGE WOODRUFF: Chairman Clayton, any
- 16 questions for Mr. Robertson?
- 17 CHAIRMAN CLAYTON: Yes.
- 18 I wanted to ask what his position is on
- 19 systems greater than 10kW in terms of mandates for
- 20 insurance.
- 21 MR. ROBERTSON: I have no objection to the
- 22 insurance business set at \$100,000, and I think that is
- 23 adequate.
- 24 I think perhaps the solar installers are
- 25 here. Mr. Rentz and Mr. Prost can probably address that

1 better than I can, but I do not believe that any higher

- 2 requirement is necessary.
- 3 CHAIRMAN CLAYTON: Okay. So you'd be
- 4 opposed to it being increased to a million dollars as
- 5 suggested in some of the comments?
- 6 MR. ROBERTSON: Yes.
- 7 CHAIRMAN CLAYTON: Okay. Thank you.
- 8 JUDGE WOODRUFF: All right. We'll move over
- 9 to Ms. Tatro for Ameren.
- 10 MS. TATRO: Thank you, Your Honor.
- 11 AmerenUE filed its written comments
- 12 yesterday.
- Briefly, we think the law does require -- or
- 14 does not allow the Commission to impose insurance
- 15 requirements on the smaller system. We don't oppose the
- 16 additional language.
- 17 I don't believe that UE agrees that it would
- 18 necessarily be a deterrent to someone who is looking to
- 19 hook up to the system. It's perhaps an acknowledgement
- 20 that maybe potentially there is some liability there, and
- 21 I don't know what is wrong with making sure people are
- 22 aware that that's the case.
- Our major comment is to request that the
- 24 Commission increase the insurance requirement for systems
- 25 greater than ten kilowatts from 100,000 to a million. I

- 1 believe that those systems mostly -- that those systems
- 2 wouldn't be installed by a homeowner. Those are much
- 3 larger systems. If there is going to be a negative
- 4 impact, those systems would be more likely to have it than
- 5 a smaller system.
- And it seems perfectly consistent with the
- 7 legislation that was passed, that the Commission could
- 8 impose the higher level. And I think there was some
- 9 testimony about that from individuals at UE in the last
- 10 rulemaking. We think a million is the appropriate level.
- JUDGE WOODRUFF: Okay. Thank you.
- 12 Chairman Clayton, any questions for
- 13 Ms. Tatro?
- 14 CHAIRMAN CLAYTON: I have no questions.
- 15 Thank you.
- JUDGE WOODRUFF: All right. Thank you.
- 17 And we have a couple other gentlemen here.
- 18 Let's begin with Mr. Rentz for Missouri Valley Renewable
- 19 Energy.
- 20 MR. RENTZ: Missouri Valley Renewable.
- 21 Thank you very much.
- We feel like the insurance requirement is,
- 23 first of all, not even necessary in systems until you get
- 24 up to about 100,000 -- 100kW, primarily because of the UL
- 25 standards that are already set. Laws have already been

- 1 set. The standards are set. All of the utilities know
- 2 that.
- 3 When you get into large systems, when you
- 4 get into 100kW or up, or even a 50kW system, the
- 5 requirements of insurance are generally already there in
- 6 commercial insurance.
- 7 Under systems of 10kW there is no insurance
- 8 available. You cannot get a homeowner's policy that will
- 9 write that, nor can you get any insurance agency at all to
- 10 write a policy, simply because it's not their practice to
- 11 name two co-pays.
- 12 In other words, you can be the homeowner and
- 13 be insured; but what their requirements state is that they
- 14 wanted to be named a beneficiary of that policy should
- 15 something happen. There is no insurance available for
- 16 that, and I believe they knew very well that when they
- 17 tried to impose that law.
- 18 Secondly, I think between 10kW and 100kW is
- 19 getting into the commercial range. And, generally
- 20 speaking, most of the time the insurance is available
- 21 there on a commercial basis.
- 22 And Ms. Tatro was right, when you get into
- 23 those larger systems, there may be some liability,
- 24 probably not, and there never has been a case of any
- 25 liability arisen from any of these systems installed and

- 1 in history that anyone can report or knows of.
- And so the liability there basically falls
- 3 back to, I think, our litigious society, where we just
- 4 want to blame someone.
- 5 I was commented to by a person with one of
- 6 the utilities -- and I won't name a name -- that we just
- 7 want to be able to blame somebody if something happens.
- 8 We want to know who to point the finger at.
- 9 And it was just a simple matter of trying to
- 10 protect yourself, and I totally understand that, but I
- 11 also feel like it's totally unnecessary.
- 12 And we feel like the purpose of the Easy
- 13 Connection Act was just simply that, to make it easy to
- 14 install.
- 15 And if you think of our position as
- 16 installers and pioneers in the state of Missouri to bring
- 17 new economic development to the state, the purpose of us
- 18 even trying to get the net metering laws and the new
- 19 provisions under the Prop C pass was simply to build an
- 20 economic base and build a new industry in Missouri.
- 21 And so with these laws that are coming in
- 22 and the different stipulations, it blocks us, and it
- 23 blocks the will of the people, because 66 percent of the
- 24 people vote for this, and it passed through a majority all
- 25 of the time.

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1 So it's just to me just another roadblock
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- 2 and just a way to slow things down, and I think it stifles
- 3 growth in Missouri, and I think it's unfair to the public.
- JUDGE WOODRUFF: Thank you, Mr. Rentz.
- 5 And you had given me a document before the
- 6 hearing as well --
- 7 MR. RENTZ: Yes, sir.
- JUDGE WOODRUFF: -- a written position.
- 9 The court reporter has that. We'll go ahead
- 10 and mark it as Exhibit 1.
- 11 MR. RENTZ: Thank you.
- 12 (EXHIBIT NO. 1 WAS MARKED FOR IDENTIFICATION
- 13 BY THE COURT REPORTER.)
- 14 JUDGE WOODRUFF: Chairman Clayton, do you
- 15 have any questions for Mr. Rentz?
- 16 CHAIRMAN CLAYTON: I do have just a couple
- 17 of real quick questions.
- 18 I wanted to ask: In your experience does it
- 19 involve systems greater or less than 10kW or both?
- 20 MR. RENTZ: Both, Chairman.
- 21 CHAIRMAN CLAYTON: Both.
- 22 What are you seeing in terms of development
- 23 in the state of Missouri right now, smaller systems,
- 24 larger systems?
- 25 MR. RENTZ: I've seen in the past -- in the

- 1 past systems have been 10kW, 20kW and less, only because
- 2 the laws weren't conducive to installing the system
- 3 larger. Now with the Easy Connection Act and with the
- 4 Proposition P passing, there are a number of commercial
- 5 entities that would like to install these systems.
- 6 Without incentives to install the system,
- 7 homeowners are strapped in order to do it and small
- 8 businesses primarily are strapped to do it.
- 9 We -- our position is basically that we're
- 10 not trying to become competition with the utilities.
- 11 We're only trying to help them out as far as peak load
- 12 demand shaving, because we'll never be a cogenerator in
- 13 the sense of a baseline contribution to power sources. We
- 14 know that and we never intended to be.
- But we simply want to be a way and a means
- 16 to put in a system that reduces peak load demand on aging
- 17 powerlines and grids.
- 18 And most of the systems and homeowners will
- 19 be 2 1/2, 3, 3kW, maybe 4 or 5 at the most. The largest
- 20 I've installed on a residence is 10kW. I know of others
- 21 that are larger but that's the largest I've done.
- JUDGE WOODRUFF: So some homeowners could
- 23 install something larger than 10kW?
- 24 MR. RENTZ: It's real possible. It's real
- 25 possible that they could, and then the burden of the

- 1 insurance on them becomes almost prohibitive in a sense
- 2 since they can't -- they can't find it. There is just no
- 3 insurance there.
- I think it really should start about 100kW,
- 5 to be totally honest. And when you get into commercial
- 6 applications anyway, the insurance is automatically there.
- 7 So it's not a requirement that needs to be
- 8 put in. It's just an automatic thing, commercial
- 9 insurance.
- 10 JUDGE WOODRUFF: And what you install is
- 11 solar electric?
- MR. RENTZ: Solar and wind, yes.
- JUDGE WOODRUFF: Okay.
- 14 CHAIRMAN CLAYTON: What is the price today
- of per watt installed solar generating capacity?
- MR. RENTZ: Well, we've been seeing prices
- 17 fall in the last -- in the last few months. Right now
- 18 we're able to install for around \$9.50 a watt, as opposed
- 19 to \$10 a watt in the past.
- 20 CHAIRMAN CLAYTON: And is that pretax
- 21 dollars -- or pretax credit dollars?
- MR. RENTZ: That's correct.
- 23 CHAIRMAN CLAYTON: That's correct. Okay.
- 24 So, I mean, it would be quite a bit of money
- 25 for a residence to put in a 10kW system, wouldn't it?

- 1 MR. RENTZ: Absolutely. You're looking at
- 2 about \$100,000.
- If you look in terms of the investment
- 4 that's actually going into it, if the power company had to
- 5 make a certain investment to increase the potential of the
- 6 lines in order to supply the power, which is called
- 7 avoided cost, and I understand the service cost
- 8 availability needs to be there, and I understand the meter
- 9 charge and whatnot.
- 10 Because if you build a new home and you're
- 11 going to put a 10K system on it, the power company by law
- 12 still has to be able to provide you with that power.
- But during peak load demand, when loads are
- 14 high, the system on a person's home or on a small business
- 15 would reduce the need of the power company having to put
- 16 power into it and reduce the load on the line; hence,
- 17 there is more power available for other people that don't
- 18 have it.
- 19 So it's more of a deterrent as far as the
- 20 peak load demand more than anything, I think, and it could
- 21 be used by the power companies to their advantage to
- 22 reduce the peak load demand.
- 23 CHAIRMAN CLAYTON: Are the interconnection
- 24 requirements different for a system that is either greater
- or less than 10kW or are they the same standard?

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1 MR. RENTZ: They are the same right now as
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- 2 far as I know. I have yet to run into any problems making
- 3 an interconnection, even with the coops, municipalities or
- 4 with Ameren. They've been very -- very easy to work with.
- 5 They do -- they do have certain
- 6 requirements; and once you meet those requirements in
- 7 there and they feel assured that you are capable of
- 8 installing the systems, then they don't have a problem
- 9 with it.
- 10 But I think one of the biggest issues that I
- 11 see arising out of this ruling could be that anybody and
- 12 everybody could just go out and buy a system out of a box
- 13 and stick it on their house and not notify the utilities.
- 14 I think there needs to be notification.
- 15 That's why I'm in favor of the contracts. I'm also in
- 16 favor of certified installers putting the systems on and
- 17 the systems being inspected by AmerenUE or anybody else
- 18 that desires.
- 19 Any time a retail provider has you tied to
- 20 their grid, I believe they should have access to their
- 21 system at any time without notice if they feel like there
- 22 is a problem.
- 23 CHAIRMAN CLAYTON: Okay. So it's your
- 24 testimony you think there shouldn't be an insurance
- 25 requirement even on systems greater than 10kW?

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1 MR. RENTZ: I think it should start --
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- 2 Commissioner, I think it should start at around 100kW.
- 3 CHAIRMAN CLAYTON: Are there any 100kW
- 4 systems that are present in the state of Missouri right
- 5 now that you're aware of?
- 6 MR. RENTZ: Not that I know of, but there is
- 7 one being built right now in the City of St. Louis.
- 8 CHAIRMAN CLAYTON: That's greater than
- 9 100kW?
- 10 MR. RENTZ: That's greater than 100kw. It's
- 11 Emerson Electric.
- 12 CHAIRMAN CLAYTON: Okay. I don't think I
- 13 have any other questions. Thank you.
- JUDGE WOODRUFF: Thank you.
- 15 And your Exhibit 1, your written document,
- 16 is received into the record.
- 17 (EXHIBIT NO. 1 WAS RECEIVED INTO EVIDENCE.)
- MR. RENTZ: Thank you.
- 19 JUDGE WOODRUFF: Let's move over to
- 20 Mr. Prost.
- 21 MR. PROST: Hello. My name is Vaughn Prost
- 22 with Missouri Solar Application. We're based here in
- 23 Jefferson City, Missouri, and we're a designer/installer
- 24 of small solar systems.
- 25 I'd like to second a lot of things which

- 1 Henry Rentz has just mentioned concerning the situation
- 2 with installers, in that I would second him that I think
- 3 100kW is a good breakpoint for where we would have a
- 4 mandated insurance requirement, because that's a
- 5 commercial system where there is -- you can list
- 6 additional insureds on an insurance policy, and that's
- 7 pretty much in the commercial range.
- 8 I can see small businesses and homes putting
- 9 on 25kW systems as a very likely thing. So I think the
- 10 insurance requirement needs to be tilted more towards
- 11 commercial systems.
- 12 As far as the costs per watt, obviously it's
- 13 \$9.50, is what Henry is saying for smaller systems; but as
- 14 you get into the larger systems, the costs will be
- 15 dropping down to 6 and \$7 a watt. So that's kind of
- 16 what's happening there.
- 17 As far as the language proposed here, again,
- 18 I take exception to the scare tactics, trying to have
- 19 someone sign a document acknowledging all of these risks
- 20 and things like that. I think it's just scare tactics for
- 21 people to not connect to the grid.
- 22 So I do object to that. In my written
- 23 comments I mention that. I would say that. So I think
- 24 those are the two main points that I would like to make,
- 25 and I'd be open to any questions.

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1 CHAIRMAN WOODRUFF: You also gave me a
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- 2 written comment that you mentioned before. We'll mark
- 3 that as Exhibit 2, and it will be received into the
- 4 record.
- 5 (EXHIBIT NO. 2 WAS MARKED FOR IDENTIFICATION
- 6 BY THE COURT REPORTER AND WAS ENTERED INTO EVIDENCE.)
- 7 CHAIRMAN WOODRUFF: Chairman Clayton, do you
- 8 have any questions for Mr. Prost?
- 9 CHAIRMAN CLAYTON: No questions. Thank you
- 10 very much for coming.
- JUDGE WOODRUFF: All right. Thank you.
- Mr. Dottheim.
- MR. DOTTHEIM: Yes.
- 14 I believe Mr. Prost previously had submitted
- 15 through EFIS or it was entered into EFIS some comments
- 16 that wound up in EFIS in the form of a letter.
- 17 They aren't literally recognized as an item
- 18 within the file, but there is a document that has a date
- 19 of April 28th, 2009. I think it's in what I refer to as
- 20 the letter file. I don't know if that's --
- JUDGE WOODRUFF: Is that the same document?
- MR. PROST: Yes, it's the same document I
- 23 just submitted today.
- 24 JUDGE WOODRUFF: It looks familiar.
- MR. DOTTHEIM: It looks very similar, but

1 the one you submitted today has a signature on it. The

- 2 one -- the one earlier --
- 3 MR. PROST: Oh.
- 4 MR. DOTTHEIM: That's why I wasn't quite
- 5 sure if it was the same. They're not literally
- 6 identical --
- 7 MR. PROST: Correct.
- 8 MR. DOTTHEIM: -- but it has the same
- 9 content?
- 10 MR. PROST: Yes. I submitted a signed
- 11 version today. The one I submitted on EFIS was not
- 12 signed, yes.
- 13 JUDGE WOODRUFF: All right
- MR. DOTTHEIM: Thank you.
- JUDGE WOODRUFF: The one that came in today
- 16 is in the record.
- MR. PROST: Thank you.
- JUDGE WOODRUFF: Is there anyone else here
- 19 who would like to make a comment?
- 20 MR. SWILLINGER: Hi. Eric Swillinger with
- 21 Missouri Solar Living.
- I just want to notate that on Ameren's
- 23 application for grid tie systems, systems under 10kW have
- 24 a 30-day, I guess, approval process and then systems over
- 25 10kW is a 90-day approval period.

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1 So with the application that is submitted
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- 2 with the line diagrams and product information, they're
- 3 given more time to review the larger systems than they are
- 4 the smaller systems.
- 5 JUDGE WOODRUFF: Okay. And is that a
- 6 problem?
- 7 MR. SWILLINGER: No. I just wanted to make
- 8 it a record of -- that systems are approved -- are given a
- 9 lot longer the bigger they are --
- JUDGE WOODRUFF: Okay.
- 11 MR. SWILLINGER: -- to be approved by a
- 12 utility company.
- JUDGE WOODRUFF: All right.
- Anyone else want to add any comments?
- MR. RENTZ: I'd like to say one more thing,
- 16 Henry Rentz again.
- 17 I have worked pretty much hand in hand with
- 18 Ameren for the last five years on this and found them
- 19 very, very amiable to change. Even though it's
- 20 inevitable, they would probably prefer to do things a
- 21 little differently, but it's just the way it happened.
- 22 So when it comes to the engineer drawings
- 23 and stuff, we have to submit -- before we can install a
- 24 system, we have to submit an engineer's drawing, a
- one-line drawing for their approval. So they have the

- 1 opportunity to review anything in there that they would
- 2 like to review.
- 3 And they've come back to me on a number of
- 4 occasions and said this drawing is too complicated. Can
- 5 you dumb it down a little bit? I don't mean dumb it down
- 6 in the sense of removing anything technical, but there
- 7 were too many connections in it and they saw it as too
- 8 good of a drawing, basically, not requiring that much of a
- 9 drawing.
- 10 So we've gone back in cases and redone
- 11 drawings for them on numerous cases. Every system is
- 12 studied by their engineer and approved long before it's
- 13 even installed.
- 14 So the requirement for insurance should come
- 15 up at that point. If they find an error in it or if they
- 16 find something that throws up a red flag, they have the
- 17 opportunity in the approval process to be able to address
- 18 that.
- 19 And I've never had a system yet in the 25 or
- 20 so that I've done that was turned down or refused by any
- 21 means by any of the utilities, simply because we provide
- 22 the proper drawings and we provide the expertise to
- 23 install the systems in a safe manner.
- 24 If they're installed in a safe manner, the
- 25 requirement for insurance shouldn't be there. I think

- 1 they should have the right, and I believe we do give them
- 2 the right in this law, to disconnect anyone who does not
- 3 have a contract or has not made an effort to get a
- 4 contract with them.
- I think they have the right to protect
- 6 themselves or at least to inspect these systems and make
- 7 sure that they're installed properly.
- 8 The purpose of the insurance is just to
- 9 place liability on someone if there is a problem. Since
- 10 there has never been a problem, I don't see it as an
- 11 issue, even though they have ample time to review this.
- 12 30 days, 90 days is more than enough time to review a set
- 13 of drawings.
- 14 We anticipate that time to be crunched on
- 15 them next year after -- after the Prop C takes effect. We
- 16 expect that to be a little more critical for them, and I
- 17 believe they're going -- they're going to meet the needs
- 18 just fine.
- 19 As long as we continue to do what we're
- 20 doing properly and the industry is built properly and the
- 21 people that are supposed to be installing these systems
- 22 are doing them correctly and we can find a way to govern
- 23 that, which we're in the process of doing that right now,
- 24 in the process of forming an organization that will ensure
- 25 that through certifications and training.

So I think all of this goes hand in hand,

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but the first part, the Easy Connection Act, was the first
 3
     step and Proposition C is the second step. The third step
     is a green Missouri, a better Missouri, and an economic
 5
     development situation that will also increase education.
 6
     It will better our future all of the way around for
 7
     Missourians.
 8
                   JUDGE WOODRUFF: All right. Thank you, sir.
 9
                   I don't see anyone else wishing to comment,
     so at this point we are adjourned.
10
11
                   Thank you all very much.
12
                   CHAIRMAN CLAYTON: Thank you very much,
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     Judge. Bye-bye.
14
                   WHEREUPON, the public hearing was concluded.
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3	CERTIFICATE OF REPORTER
4	
5	I, Patricia A. Stewart, RMR, RPR, CCR, a
6	Certified Court Reporter in the State of Missouri, do
7	hereby certify that the testimony that appears in the
8	foregoing transcript was taken by me to the best of my
9	ability and thereafter reduced to typewriting by me; that
10	I am neither counsel for, related to, nor employed by any
11	of the parties to the action in which this hearing was
12	taken, and further that I am not a relative or employee of
13	any attorney or counsel employed by the parties thereto,
14	nor financially or otherwise interested in the outcome of
15	the action.
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20	CCR No. 401
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