# **CERTIFIED COPY**

UNITED STATES DEPARTMENT OF ENERGY PUBLIC SCOPING MEETING ON THE DRAFT EIS FOR THE PROPOSED LOAN GUARANTEE FOR THE TOPAZ SOLAR FARM, SAN LUIS OBISPO COUNTY, CALIFORNIA

## HELD AT THE

CARRISA PLAINS HERITAGE ASSOCIATION COMMUNITY CENTER

SANTA MARGARITA, CALIFORNIA

## **TRANSCRIPT OF PROCEEDINGS**

TUESDAY, NOVEMBER 16, 2010

OPEN HOUSE:

5:00 P.M. - 7:00 P.M.

COMMENTS:

7:00 P.M. - 8:06 P.M.

REPORTED BY: JERI CAIN, CSR #2460, RMR, CCRR, CRR File No. 210566

Jeri Cain, CSRs, Inc. A Professional Corporation **Reporting**<sup>™</sup> & Video Earning Your Trust Since 1974

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1	THE FOLLOWING PROCEEDINGS was held at the Carrisa
2	Plains Heritage Association Community Center, 10750
3	Highway 58, Santa Margarita, California, 93458, and was
4	reported with computer shorthand by Jeri Cain, CSR
5	License No. 2460, on Tuesday, November 16, 2010,
6	commencing at the hour of 7:00 p.m.
7	APPEARANCES :
8	ANGELA COLAMARIA, U.S. DEPARTMENT OF ENERGY
9	DOUGLAS P. BOREN, U.S. DEPARTMENT OF ENERGY
10	JOHN KING and AMY CORDLE
11	ENVIRONMENTAL MANAGEMENT AND PLANNING SOLUTIONS,
12	INC.
13	KATHRYN ARBEIT, FIRST SOLAR
14	WAYNE HOFFMAN, FIRST SOLAR
15	ASHLEY FRUSH, FIRST SOLAR
16	
17	PUBLIC COMMENTS IN ORDER OF APPEARANCE:
18	MIKE, JENNY & TIM STROBRIDGE
19	SABRY ELSOKKARY
20	GEORGE SULLIVAN
21	DAVID WEBB
22	DALE KUHNLE
23	MEKDES WOIKU
24	DARRELL TWISSELMAN
25	MIKE STROBRIDGE

	TRANSCRIPT OF PROCEEDINGS-11/16/2010
1	TUESDAY, NOVEMBER 16, 2010; 7:00 P.M.
2	-000-
3	MS. COLAMARIA: Good evening. Please take your
4	seats. We're going to get started. I'm pretty sure
5	everybody is excited to get this meeting started.
6	My name is Angela Colamaria. I'm with the
7	Department of Energy Loan Programs office. Thank you
8	all for coming tonight and especially thank you for the
9	people that showed up at 5:00, for being patient. I
10	know there was a little misunderstanding for the start
11	time for this, so we will try to make this as quick as
12	possible.
13.	We are here today because the Department of
14	Energy is considering giving a loan guarantee to Topaz
15	Solar Farms for the proposed project here in San Luis
16	Obispo County. The purpose of this meeting is to
17	discuss the scope of our environmental impact analysis
18	as we review the proposed project.
19	This is just a quick outline of what I want to
20	go over today. Just to give you an idea of what we do
21	with the Loan Guarantee Program, what the NEPA process
22	is, what is NEPA that's the reason we're here and
23	then just reiterate how you can provide comments.
24	So the Loan Guarantee Program was first
25	authorized by the Energy Policy Act of 2005. Title XVII

of the Act identified discrete categories of projects
 that were eligible for loan guarantees. Everywhere from
 clean coal, nuclear -- there's a list of different
 projects that are eligible for these loans. In order to
 receive a loan guarantee, a product has to meet certain
 technical-financial-environmental criteria.

So section 1703 of this act, that's the section
that authorizes the Secretary of Energy to make the loan
guarantees for the projects that use innovative
technologies and that reduce greenhouse gases.

And then in February of 2009, the Recovery Act 11 was passed and that created a new section, section 1705, 12 and that authorizes a new program for what they call a 13 rapid deployment of renewable energy and electrical 14 power transmission projects. So this is separate from 15 the ongoing 1703 project that was originally created. 16 And the idea of the 1705 program was that it applies to 17 18 projects that can commence construction, can start construction before September 30th, 2011, the whole idea 19 being to get these projects going fast. So the Loan 20 Guarantee Program has issued various solicitations and 21 are both the original program and the 1705 program. So 22 far the solicitations that we had issued under 1705 23 include transmission projects solicitation, \$2.5 billion 24 for renewals and \$750,000 for projects under FIPP, 25

Financial Institution Partnership Program. 1 I am not a 2 financial person so I am going to give you a very basic 3 explanation of what FIPP means. But basically it's a 4 lending structure where the banks get together and they provide funds for one borrower, and then the banks are 5 6 the ones that apply for the loan quarantee as opposed to 7 the applicant coming and applying for the loan from us, the banks are applying to us, and the idea is that it 8 9 takes advantage of the financial capital and the 10 expertise that these private banks have and makes for a 11 more streamlined process. So the Topaz project is a 12 FIPP project which is why I just wanted to give you a 13 brief overview of that program.

14 Like I said, we were authorized in Key dates: 15 2005. Recovery Act in 2009 created the 1705 program. 16 Even though we had the authority to give out loans under 17 the statute, we can't actually give out any money until 18 Congress appropriates money for us. So throughout 2006 19 through 2008 they -- Congress appropriated money for 20 various different types of projects, and then we put out 21 a solicitation inviting applicants to come in and apply 22 for those projects.

And then in 2009, when they created the 1705 program, which includes the FIPP program, they appropriated \$32.6 billion for that program, and so we

1	have been putting out solicitations to give away that
2	to give away that money under those programs.
3	So we issued our first solicitation under FIPP
4	in October of 2009, and then the first application for
5	this Topaz project came in in March 2010, and when we
6	get the part 1 application, look at it it's kind of
7	initial screening. It is a very basic application. And
8	we look and see if it has something that really has the
9	potential to go forward. If we like it so far, we'll
10	invite them to do a part 2 application, which is a much
11	more detailed application. So for this project, that
12	application came in in August of this year.
13	All right. So what is NEPA? How does it
14	work? NEPA stands for the National Environmental Policy
15	Act. It potentially applies when the government makes a
16	major action. And the main idea of NEPA is to make sure
17	that the government considers the environmental impact
18	of its actions before it actually takes those actions.
19	So I just I wanted to I know a lot of you attended
20	the County meeting last week, so I just wanted to let
21	you know how our process is different from the County
22	process.
23	So the County has prepared a Draft
24	Environmental Impact Report as part of their obligation
25	under state law, the CEQA law. They are very similar to

NEPA, but it is very different in some aspects. The
 County is not asking for public comment. You've
 probably seen that document. You maybe have commented
 on it.

5 The Federal process, on the other hand, is just 6 getting started. We don't have a document yet. This 7 scoping meeting, the purpose of this meeting is for you 8 to tell us what we should put in the document, what the 9 scope of our document should be. So we're just getting 10 started as opposed to, I know you guys have been 11 involved in this for several years now. So that's the 12 purpose of this meeting, is for you to comment on what 13 we should be analyzing in our document.

14 So just the process that we go through when we 15 are analyzing a project: We'll first determine the 16 appropriate level of NEPA review, and we do that early 17 in the process. So you've probably heard -- those of 18 you who talked to me today, we're just getting started. 19 We haven't made any determinations yet, or anything, but 20 we have made a determination that this project could 21 potentially have a significant impact on the 2.2 environment.

23 So there are three levels of NEPA review. The 24 first is the Environmental Impact Statement; the EIS. 25 And that is what we have determined for this project is

appropriate, because that is -- it's a very long,
 detailed document that you prepare when you think a
 project can potentially have a significant impact on the
 environment.

5 The other two types of NEPA review are the EA, 6 and that is when you don't know when a project comes in, 7 if it's going to potentially have a significant impact. You do this Environmental Assessment. 8 It's a much 9 shorter document. And that will help you determine 10 whether you need to do an EIS or not or whether you can 11 just say, no, it's not going to have a significant 12 impact.

And the third category is just the categorical exclusion. And those are actions which, we've had enough time to where we know that it's just not going to have a significant impact. We don't need to do an EA.

17 At this setting we will be doing an EIS for the18 initial project.

19 This is just -- we'll put these on our Website, 20 but I just want to give you the citations for the 21 different statutes and regulations. It's not just 22 NEPA. It's implementing regulations and viewing 23 guidelines that we have to follow during this process. 24 So the EIS process. The first thing we Okay. 25 do is we publish a Notice of Intent. And that just

states the need for the action, gives us preliminary 1 2 information about the project. For this, we issued the 3 NOI for this project on October 22nd. The NOI begins 4 the scoping process. This is the period which the DOE 5 accepts public comments on the scope of the EIS, the 6 environmental impacts that we need to analyze, resource 7 areas that you think we should consider, impacts -- or comments on project components, any possible issues that 8 9 you think that we need to be looking at. And it's 10 important to address these issues now early in the 11 process before we start drafting the document, which is 12 why this meeting is very important, so that we can make 13 sure we get all the issues we need to get into the 14 document.

15 The scoping period lasts 30 days with the 16 public meeting, and that's what today is about. After 17 we are -- after we've had the scoping meeting, we have 18 to consider all the public comments that we receive, 19 whether they are oral, written, e-mailed, they all get 20 equal weight, and we have to consider them when we are 21 drafting our EIS. So we will draft the EIS and then we 22 will put that out for public comments, very similar to 23 what the County just did, and we will put it out there 24 on our Website. We will send it to you in a CD, and 25 then you can comment on the actual document.

1	So public comment on the actual document.
2	We'll take those comments that we get from you into
3	consideration in drafting the Final EIS. Once we have
4	finalized our Environmental Impact Statement, we will
5	publish what's called a Record of Decision or ROD. And
6	that is our decision document where we say "yes" or
7	"no," they're going to get a loan or not. It is also
8	if there are any mitigation measures that needed to be
9	included with this project for various resource areas,
10	that's where we would put those obligations in this
11	Record of Decision.
12	And this is just a pictorial diagram of what I
13	just explained. We are right there; at the very
14	beginning of the process.
15	All right. So how does NEPA apply to this
16	project? As I've said, we've already issued our Notice
17	of Intent. We're in the scoping process. Comments are
18	due November 22nd either by e-mail or postmarked by
19	November 22nd. We'll consider those and begin preparing
20	the Draft EIS. We expect to have the draft available
21	for public comment in early spring next year, the final
22	in summer, and then our Record of Decision in August.
23	For those of you who are familiar with the NEPA
24	process, you will notice this is a very expedited
25	schedule. In general, it takes 18 to 24 months to do an

2This is just some of the resource areas that3we're going to be putting in the EIS, and, obviously,4it's not a complete list, but the major ones, at least.5What was in the floodplains, the places that the6floodplains in jurisdictional waters, so we'll have the7impacts associated with that.8Ecological resources: The project contains9potential habitat for some species, so we are consulting10with the Fish and Wildlife Service they are the11experts on this for the appropriate steps to take.12Cultural and socioeconomic resources: We've13already invited the one federally-recognized tribe in14this area subject to government consultation, but, of15course, we'll be welcoming comments from any tribes that16have an interest in the area.17So those are just the basic issues there.18How to provide comments: You can hand us19handwritten comments today, you can sign up to speak, or10you can e-mail them to this e-mail address. All this11information is in the back, too, if you want it written12down, or just mail them to our address.13And this is just more if you want more14information, these are just some helpful links.15So that is it for my overview.	1	EIS. We will be doing this one in about a year.
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25 So that is it for my overview.	24	information, these are just some helpful links.
	25	So that is it for my overview.

1	We've now asked the applicants to talk for five
2	minutes just about the basics of their project. You
3	probably already know everything that they are going to
4	say, but we just wanted to give everyone a brief
5	overview just in case. And then so we'll have
6	Kathryn Arbeit come in for five more minutes, and then
7	we'll move to the oral presentation portion. So I just
8	want to go over how that's all going to work just real
9	quick.

10 As far as what you want to comment on, whatever 11 you think is important -- particularly we are interested 12 in the environmental impacts you think should be 13 analyzed in our Environmental Impact Statement. Any 14 resource areas that you think we should consider; water, 15 endangered species, and also what reasonably foreseeable 16 projects that are going to be happening in this area or 17 are already happening in this area that might have a 18 cumulative impact when added to this project. So like a SunPower project, for instance, it's right next door, 19 20 that might have a little impact on some of the resource 21 So all of the projects that you're aware of that areas. 22 we might not be aware of, those would be great to hear 23 from you about.

24 So we have a list of people signed up to 25 provide comments and you can still sign up. It's not

1 too late. And then -- so I'll just read your name, and 2 I'll go over this when it's time, but -- and you'll have 3 five minutes to talk just because we want to give 4 everyone a chance to talk. If you have more than five 5 minutes to say, we'll cut you off at five minutes and 6 then put you on at the end of the list, and you can come 7 back and finish whatever you have to say. So bear in 8 mind, you will want to limit it to initially five 9 minutes.

This is an opportunity for you to submit your oral comments into the record. This is not a discussion section. I know this is kind of a little different where there's a little bit of back and forth, but this is basically you reading your comments into the record.

15 If you have questions, read them. We won't 16 answer them now, but we will -- they will be put into 17 the record, and when we do the Draft EIS, we will have 18 to address those comments. So we're not ignoring you. 19 That's just how this process works.

20 So, yeah. That's all I have to say. So now 21 we'll try to figure out how to logistically --

MR. KING: Do you want to use the microphone?
MS. ARBEIT: Sure. No. That's okay.
Actually, I might go without a microphone. If you can't
hear me, let me know.

1	Thank you, everyone, for being here this
2	evening. I'm going to try to keep it short as
3	requested. I'm Kathryn Arbeit. I'm the project
4	director for First Solar, if there's anyone in the room
5	I haven't yet met before. And I'm just going to be
6	providing a brief description of the project. Again, I
7	think a lot of you are pretty familiar with it given the
8	number of meetings we've had here in the past, but just
9	we'll be providing a short overview.
10	This is just providing a little bit of
11	information about First Solar. We're a manufacturer of
12	solar modules. I'll skip through this because I think
13	many of you are already familiar with us.
14	So this is a picture of the proposed project.
15	And I'm going to hope to use a laser pointer here. I'm
16	going to show you this thing.
17	MS. COLAMARIA: Upper left-hand corner.
18	MS. ARBEIT: Okay. So in this map area, you
19	can see white boxes showing where our proposed Option A
20	layout is. I'll get into what that is in just a
21	moment. So you can see this yellow line by connecting
22	our site there. It's a PG&E transmission line we will
23	be interconnecting to. You can also see Highway 58
24	cutting through our project site. Again, this is one of
25	two alternatives. I'll describe that in a moment. You

can also see the California Valley boundary here. You
 can see Soda Lake and you can see the other project
 that's been proposed in the area by SunPower further
 towards the eastern side of the valley.

This map really shows a number of reasons,
which I'll talk about in a moment, why we selected this
particular site for the Topaz Solar Farm.

8 So we have two study areas that are being 9 evaluated in the county in the DOE process. We have 10 Option A and Option B. This map shows the overlay of 11 those two study areas. We've done surveys and evaluated 12 a much greater area than we're going to actually need to 13 construct the project. The total study area combined 14 together is about 9700 acres. Option A would have an 15 area of about 4100 acres. Option B would have been 16 4,000 acres. So Option B, you can see, is the furthest 17 northern option evaluated, and option -- so Option A was the southern area and Option B was the northern area 18 19 evaluated.

So this shows a little bit more detail about the Option A layout. Each one of those blue squares is an array. It consists of photovoltaic panels. I'll describe what some of the different components of those arrays are in a moment. And if you added all of them up -- so this is sort of the eye vision test of the

1 evening -- if you added them all -- counted them all up, 2 you would find 437 of them to equal the 550 megawatt 3 output of the project. So each one of those arrays is 4 about one -- a little more than one and a quarter 5 megawatts.

6 So this is our Option B layout. You can see 7 the squares here are yellow. Those are identically-8 sized arrays but they're placed in slightly different 9 locations. This is to provide some optionality in the 10 final layout selected as part of the environmental 11 permitting process.

You can see here. Again, here's the powerline. So here's the PG&E existing transmission line, which the project will interconnect to. Here is Highway 58. So you can see there's more arrays to the north of Highway 58 including some arrays that are inland. It's currently under the Williamson Act contract.

Option A. I should say, the first layout I showed you does not have any land that's currently in the Williamson Act, and that's one area where the two options differ.

This is a little bit of an overview of the project's history. So, again, we've been working on this project for a number of years. We submitted our

1 first interconnection request to PG&E in January 2007. 2 We submitted our first application to the county in 3 July of 2008. We're now -- the county -- as we said 4 earlier, the County's published their Draft 5 Environmental Impact Report, and now the Department of 6 Energy is preparing an Environmental Impact Statement. 7 We will be starting construction of this project in the latter half of next year which will allow us to deliver 8 9 the full 550 megawatts of capacity online in 2014. So 10 it's about a 3-year duration of the construction 11 process.

12 This slide just provides a little more 13 information about the project components. You saw an 14 example in the other room of First Solar's equipment. 15 Those are mounted onto steel posts that are pounded in 16 the ground so it's basically highway guardrail posts 17 with brackets attached on top and then steel cables to 18 support the panels. Another component of the project is 19 the PCSes. Those are Power Conversion Stations. Those 20 convert the D.C. electricity that comes from the modules 21 to alternating current electricity which is what travels 22 over the transmission lines and comes out of lights and 23 comes out of walls.

We also have additional electrical equipmentwithin the project footprint. Just to give you a sense

1 of how frequently these occur, there's one PCS for every 2 1.3 megawatt array, so there would be 437 PCSes within 3 the project's footprint and those would occur about 4 every 7 acres.

And just to give you, depending on how tall they are, the top edge of the panels. So you can see someone walking through the panels here. The top edge of those panels is typically about five and a half feet off the ground. The top edge of the PCSes is a little less than 12 feet off the ground.

11 Other project components: We do -- most of the 12 electrical collection system is underground, but we do 13 have a portion of it that will be aboveground. Those 14 will be on 43-foot-tall wood towers. And you can kind 15 of see on this map some of the areas. The red lines are 16 where the collection system has been proposed to be 17 aboveground. Those -- depending on the option selected, there will be I believe between 8 and 14 miles of 18 19 collection system that will be -- 12 -- Wayne is 20 correcting me --

21

WAYNE HOFFMAN: Excuse me.

MS. ARBEIT: Twelve miles above the ground. We'll also have access roads to provide access to the arrays, and some of those will consist of improvements to existing dirt roads and some of them will be new

1 roads.

2 So last, but not least, I just again wanted to 3 touch on why we selected the site that we did. The 4 first thing that we looked for is an area with excellent 5 solar resource. So all of you that live out here in 6 Carrisa Plains know that it is quite sunny. So that met 7 our criteria. We also wanted to place the project on 8 disturbed agricultural lands. As we learned a little 9 bit more about the land uses out here, we found that 10 much of this land has been tilled or grazed on over the 11 last several generations, so we felt it was important to 12 have the project on agricultural land. We also needed 13 the project site to be fairly flat to place the tables. 14 And we also, in the course of pulling our layouts 15 together, we wanted to avoid more sensitive -environmentally sensitive areas such as wetlands and 16 17 jurisdictional drainages, so we've done our project 18 array labs to avoid some of those areas.

And I think some of you saw the visual simulations that were in the other room to provide a little more information about what the project will look like when constructed.

We've done an enormous amount of studies on the project site to date. We've conducted full protocol biological surveys. Some of those started off in 2008.

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1	The threatened and endangered species that we found
2	include the San Joaquin Kit Fox as well as two species
3	of Fairy Shrimp. We've also delineated the wetlands and
4	waterways that are jurisdictional to the United States,
5	so the Army Corps of Engineers. We've conducted
6	cultural and archaeological, paleontological,
7	groundwater, visual simulations, and a lot of work on
8	hydrology in the area. So we've done a lot of studies
9	on the site and it's very well understood. That's about
10	it. I said I would keep it short.
11	So thank you, everyone. I think you all know
12	me. You probably also know Wayne Hoffman. He's on our
13	environmental team, as well as Ashley Frush. So thank
14	you for being here.
15	MS. COLAMARIA: All right. So now we will
16	accept public comments. I'll read your name. And if
17	you want to come up and speak into the microphone, to
18	make sure the court reporter can hear you, if you can
19	please speak and say your name clear before you start
20	speaking so we can get all your information. Say your
21	name. If you are representing an organization, say the
22	name of the organization and provide your public
23	comments.
24	MR. BOREN: We have 7 people that are signed up

25 to speak. What I will do is I will call off the first

1	name, and I will give the name of the next person in
2	line so they can be ready to go.
3	First up we have Mike Strobridge and next will
4	be Jenny Strobridge.
5	MR. STROBRIDGE: My name is Mike Strobridge. I
6	have a few things that need to be addressed.
7	Number one is Cadmium. I would like to address
8	the environmental release of Cadmium and potential
9	public safety issues a little bit also.
10	And another thing is fire. There is no way for
11	any fire unit, according to the San Luis Obispo County
12	Fire Marshal, to put out a fire within the arrays,
13	either the arrays themselves or grass fire underneath
14	due to electrocution and they need to be put out with a
15	gas agent. That is not available to SLO County
16	firefighters.
17	We need to address the blockage of movement and
18	migration corridors within the project site which is
19	actually right down the center of it.
20	Also, Option B: The majority of it is
21	currently within the Williamson Act. It is not due to
22	expire until 2018. They are currently trying to get it
23	out, but it hasn't happened yet.
24	Also the definition of prime ag land. We need
25	to address the conversion of prime ag land and the use

of an industrial site on it. According to state law and
 the Conservation and Open Space Element of San Luis
 County, which was just updated, the Carrizo Plain's
 Storie Index of our soil is prime ag land without the
 need to be irrigated.

Now, I'm going to be blunt here. First Solar
has over and over told everyone at every meeting they've
gone to that this land needs to be irrigated to be
prime, and it is an outright lie. You can go straight
to the Conservation and Open Space Element and look it
up. Kathryn was at the same meeting I was when they
designated it.

Also, incidental take of endangered species is obviously going to happen. It's unavoidable. I would like to see -- I would like to know whether or not an incidental take permit will be issued through the Fish and Wildlife Service, whether or not it will be a Section 7 or a Section 10 permit.

19Also, let me see here. I think that's about20all I got.

I just want to let you know that I have no personal vested interest in First Solar whatsoever, but there is a good majority in this room that could easily be considered an agent of First Solar. They have a vested financial interest in First Solar. They have

1	signed agreements and contracts with First Solar, so
2	they could potentially have a biased statement for you
3	today, and I would like you to keep that in mind.
4	That's all I have. Thank you.
5	MS. COLAMARIA: Thank you.
6	MR. BOREN: So Jenny Strobridge followed by Tim
7	Strobridge.
8	MS. STROBRIDGE: Hi. Jenny Strobridge. My
9	husband will get technical. I'm going to get a little
10	more emotional.
11	Over the last three years all we've done is
12	listen to propaganda and manipulation of three solar
13	companies. For instance, pictures. Every 7 acres
14	"emberders" 437, and there's no pictures of it. We've
15	actually been to a solar plant, a First Solar plant.
16	Looks nothing like what they've shown us. It's bright;
17	it's shiny; and this is 80 acres compared to what we
18	have to times by almost 500. They say they are not
19	going to wash their panels. I have pictures of fully
20	dried, cracked land underneath the panels. I don't
21	understand what the difference would be.
22	There's other options. I would like to see
23	this Federal money go to people having it on their
24	rooftops. What about 80-acre solar plants all over the
25	United States, not just all slammed in one area

1	destroying a whole habitat, a whole lifestyle.
2	We talk about the jobs that are going to be
3	created, but as we transition, we're going to have jobs
4	that are lost. So we're not creating new jobs for the
5	environment. We're supplementing those. We're
6	overcoming those, which is a good thing, but there will
7	be so many more jobs if we did rooftop solar.
8	Construction jobs. I mean, it would be endless if it
9	was all over the United States, not just in one area for
10	three years. The financial means would be so it
11	would just be you can't there's no balance here.
12	We haven't even started yet with small with small
13	scale solar where we would be preserving other jobs.
14	The responsibility of everyone involved. I understand
15	we need alternative energy, but there's other
16	responsibilities to the environment we need to think of
17	first.
18	My family has our own self-sufficiency out

TΒ our own sell таштту 19 here. We have livestock. We have fresh produce coming 20 in. We have -- you know, we're -- we're self-21 My kids have learned responsibility out sufficient. here from building fences. You can't go anywhere else 22 and have this lifestyle in San Luis Obispo County. 23 You will absolutely -- there's just no financial means to do 24 We need to keep what we can have alive in one 25 that.

1	small area or everybody is going to leave California.
2	I know that it seems like there's a room full
3	here, but when it first started, we were impacted. The
4	socioeconomics in this area have not been addressed.
5	It's overwhelming for me, and I have books and stacks of
6	literature that we're reading. You come to the first
7	one, it's totally packed. By now, you're just seeing
8	the first steps of this. The room was filled before,
9	but people are overwhelmed, they can't take it any more,
10	and they stay away.
11	Plus half I mean, more half the area
12	can't come here and understand anyways. There's I
13	mean, the translation is limited. It's a different
14	language.
15	What would I like to see addressed? Traffic.
16	Three years construction. To you and I, that's no big
17	deal, but tell that to my child who is 12 and they're
18	going to be 15 or 15 and they're going to be 18. Three
19	years is huge. We'll see.
20	The traffic will be overwhelming. Put it on a
21	straight highway. There's tons of area out there with
22	the wild lands my mind just went blank but there's
23	the preserve. They said, put it here. The land is
24	just help me out.
25	MR. STROBRIDGE: The wetlands.

1	MS. STROBRIDGE: The wetlands. The wetlands
2	are straight off straight highway. This is a curvy
3	road. It just does not make any sense, the amount of
4	traffic you are about to put in here.
5	Wildlife: My kids have their own you know,
6	they have seen badgers you know, things maybe we
7	don't want to see rattlesnakes, kit fox. Slow down a
8	little bit. There's a whole zoo out here.
9	I would like to see the noise addressed. It
10	was a buzzing noise the whole time.
11	The fire; that scares scares me. We will
12	have no escape. There will be no escape. They said
13	1869 in the EIR appendix, there was a wildfire. Last
14	month there was one not even 500 yards. Thank goodness
15	we had the fire, and they came to take it out right away
16	with water. We can't even do that if there's solar
17	there. You can't even put the fire out. Traffic.
18	Obviously, most importantly, is the Cadmium.
19	Other countries are banning these solar panels from
20	them. Australia won't even let them in their country.
21	And yet the United States is saying it's okay because a
22	battery was tested on the ground. A battery compared to
23	9 million solar panels? I have asked several times for
24	something besides the abstract. Several, several times
25	for something besides the abstract. Can't get it. Can

1	never get the studies.
2	What about 30 years? These studies are like
3	they're doing them like this. A 30-year study of
4	impacted water. They don't have it. There's got to be
5	a reason other countries are banning it, but there's
6	obviously, we'll write our comments in.
7	The Williamson Act. We protected this land and
8	now we're going to throw it out the window? People have
9	saved how much money on this land? People bought land
10	so that they can be preserved by it. It has to be
11	protected. It was put there for a place.
12	Thank you for your time.
13	MS. COLAMARIA: Okay.
14	MR. BOREN: All right. Tim Strobridge. And
15	after Tim we have the Elsokkary family.
16	MR. STROBRIDGE: My name's Tim Strobridge.
17	Well, Mike and Jenny covered most everything I want to
18	talk about, but I'd like to relay onto the energy
19	department that this the Carrizo Plain is the most
20	sensitive wildlife habitats in the whole State of
21	California. We have more endangered species right here
22	on the Carrizo Plain than anywhere in our State of
23	California. And when these endangered species are taken
24	from us, they're gone from the planet. I mean, the
25	folks that are selling their land to make a big buck

1	is they are giving away our wildlife, our our
2	the nature that God provided us, and I resent that.
3	I you know, I keep hearing this one
4	gentleman keep telling me that it's the newcomers that
5	are objecting to this. Well, I'm not a newcomer. I
6	might be new to the Carrizo Plains within the last ten
7	years, but I resent the fact that an 80-year-old-man
8	thinks that he can dictate what's going to happen in the
9	Carrizo Plain. He does not own all the property out
10	here and he owns none of the wildlife. The wildlife
11	belongs to the citizens of California and that's I
12	want those protected.
13	And Carrizo Plain is one of the last
14	grasslands that we have in the State of California, and
15	when that's gone, it's gone.
16	First Solar keeps distorting "disturbed
17	land." Yes, it's disturbed land. They keep disking
18	over and over and over and over so nothing will grow on
19	their project site. Well, you know, it doesn't take any
20	brains to figure out what they're doing. They're trying
21	to drive the wildlife off of it. And these Cadmium
22	panels are about the worst thing ever. In my opinion,
23	they should not be on this planet. They are one of the
24	five heaviest metals that have been identified by the
25	State of California, and they are a carcinogenic. They

1	can cause cancer. And we've asked about Cadmium getting
2	into the water table, and they kind of pooh-poohed
3	that, but 9 million solar panels, Cadmium solar panels
4	represents 60 tons of Cadmium. I guarantee that it's
5	going to get into the water table. I frankly do not
6	want to drink Cadmium in my glass of water. I apologize
7	if I'm blunt, but that's the way it is. That's how I
8	feel, and I wanted to share this with the energy
9	department. And I will also have written comments that
10	I'll turn in. Thank you.
11	MS. COLAMARIA: Thank you.
12	MR. BOREN: The Elsokkary family, if I am
13	pronouncing that close. And after that is George
14	Sullivan.
15	MR. ELSOKKARY. Good evening. In fact, I don't
16	know anything about what's going on, but I think I'm
17	seeing like very good profit to be for solar and that
18	what I mean. I'm using solar for my farm. Like for two
19	or three months I have know existing, and I use the
20	solar. It's a big company. And I hooked up and I
21	have at least I have a TV and I have a game and I
22	have my floor lamp lighting down my farm for three
23	months. I don't feel anything about that existed, but I
24	have this solar working for me.
25	It is a very good site project that we have

1	this one here, but we don't know what is harming. The
2	people are talking about harm. I do not know too much
3	because I don't study it, but people saying that the
4	water would be polluted, and there is possible cancer,
5	and they say that we do not have everything. And that's
6	maybe just show the life of the people. I am one of
7	them. I go to Monterey County for each year and then I
8	came back here. I'm building a new house in my area.
9	And I don't know how long I will be staying here if this
10	thing will harm us. So I don't know too much about it,
11	but I see the side of harm and the side of benefit. It
12	benefits us but downside is it's harming us. I don't
13	know which side I will pick up, but I will pick up the
14	side that is best for me, for sure. Thank you very
15	much.
16	THE COURT REPORTER: What is your name, sir?
17	MR. ELSOKKARY: Sabry Elsokkary.
18	MR. BOREN: George Sullivan, and then I have a
19	David Webb.
20	MR. SULLIVAN: My name is George Sullivan. I'm
21	a resident of the Santa Margarita area. I, for one,
22	don't have to live out here and be in the presence of
23	these arrays, so I don't have the emotion that people
24	that do live here have. Although I do share the same
25	electric grid that these people use, and I, for one, am

1 an advocate for clean energy.

I enjoyed the discussion about putting panels 2 3 on every rooftop, but it's scientifically not feasible to do it everywhere because of cloud conditions and 4 speaking of risk and -- I don't care about who's making 5 money, jobs provided here. I'm just more concerned 6 7 about clean energy. And I do know that the location of power plants is the main thrust why this valley has been 8 9 Just over the hill from my house we have a chosen. 10 nuclear power plant, and I don't know if any of these 11 people went out there to discuss whether or not there should be a nuclear power plant in my backyard, but I do 12 13 know that we need to have portable take energy, because 14 it is clean energy, and if not here, it's going to be 15 somewhere in the deserts, other locations where we have 16 more contiguous daylight than in the northern parts of 17 the country.

18 The issue about Cadmium: I'm not a chemist, 19 although I do know that things can be inert stable so 20 they don't leach. I don't know if that is the case 21 here, so I really have no real basis to entertain that 22 conversation. But if we are introducing those elements 23 into this country, that would be something to entertain because I would be very concerned if my water table was 24 25 impacted by Cadmium.

1	Unfortunately, there is going to be change.
2	There are more people. We all want to have our meetings
3	at night with the lights on, not in the daytime, so if
4	that were a concern, we would be having meetings in the
5	daytime. So I would like to see that this project move
6	forward. I would like to see that drainage issues be
7	addressed because it's obvious when you have more
8	panels, you're going to have more run-off, and you're
9	going to have more issues with the roads downstream.
10	But then, again, out of all fairness to the people who
11	live here, the Cadmium would be something I would want
12	to know more about. But, again, certainly clean energy,
13	I think, is the direction this country needs to go in.
14	Thank you.
15	MS. COLAMARIA: Thank you.
16	MR. BOREN: David Webb. And next will be Dale
17	Kuhnle.
18	MR. WEBB: Thank you. My name is David Webb,
19	and I have lived out here for 30 years. I'm retired now
20	and I don't I'm not on anybody's payroll. And the
21	Strobridges have presented a lot of facts today, and
22	I've come to a lot of meetings and I have presented a
23	lot of facts, so today I decided to write something
24	different, and this is kind of my perspective of Carrizo
25	Plains. I know you guys there's quite a few

1	
1	people quite a few of you guys don't live here.
2	I have. I have spent a lot of my time
3	outside. I have worked at the school over here and I've
4	worked for the community district over here, and I
5	commuted to town for about 10 years for a job over there
6	at the college.
7	Anyway, I just want to read some of the stuff
8	that I wrote down today. This is my perspectives and
9	thoughts I had about this place and what I've learned
10	about this place. So here goes. And it will only take
11	a few minutes of your time for me to read it. I made a
12	lot of errors.
13	Anyway, in the not too distant past and for not
14	many generations prior to that, Native American families
15	were living their lives right here on these Carrizo
16	Plains. And they traded goods with nomadic other
17	tribes. When I say "right here," I mean right here
18	where we are having this meeting tonight. The Native
19	Americans are no longer here, but they left behind a
20	very live footprint. And we can see that footprint at
21	Painted Rock located in what we now call the Carrizo
22	Plain National Monument just a very a handful of
23	miles from this building, just right over here.
24	Literally, you can be there in 15 minutes, probably,
25	Painted Rock for Native American where Native

Americans artistically portrayed their spiritual
 feelings and their beliefs. To the Native Americans,
 Painted Rock, as it should be, will always be a sacred
 place. And I've met some of the ancestors, the current
 ancestors of people that were here.

Long ago, Native American people were pushed 6 7 away by progress. And don't get me wrong. I like I think it's a good idea. And I think it's a 8 solar. 9 good idea all over our country in our urban areas -- to 10 cover our cities, our jails, our county buildings. Ι 11 know it might cost more, but it's more -- it's better in 12 my mind, and -- but long ago, the Native American people 13 were pushed away by progress, pushed away like the hot 14 winds of summer out here, pushed away like the dry 15 Carrizo grass.

Today we find the cold winds of progress in the form of two vast solar industrial companies bent on pushing away the true spirit of the Carrizo Plains.

When spiritual American natives pushed away from the Carrizo Plain, they left behind their legacy. In this land, they left it behind. And we meet -- this land that we meet on today, right here, they left their legacy.

24 Most residents here cannot help but feel that 25 spirit in this place we call the Carrizo Plains. If you

1	stay here long enough, you will. Out here we cannot
2	help but to observe in the sun, the moon, and the stars,
3	that rise and set above these plains, that spirit. We
4	see it. We know it. You can't you can't ignore it.
5	And in the wildlife that walks here, we see that
6	spirit. We feel that spirit in the wildlife that lives
7	here, the wild plants that grow here, and the birds that
8	sore above this place we call the Carrizo Plain.
9	I'm not going to list all the endangered
10	species. I will make a separate comment on the species
11	and e-mail it. The list is very long. It's been well-
12	documented.
13	There are alternative sites for solar. It's
14	not like this has to be the only place. First Solar has
15	told us over and over that if it's not here, then where
16	can we put it? Well, we can put it somewhere else.
17	There are alternatives. First Solar said there's eight
18	alternatives for solar in California besides this
19	place. This is a very unique place.
20	Thank you very much.
21	MS. COLAMARIA: Thank you.
22	MR. BOREN: Dale Kuhnle.
23	MR. KUHNLE: Dale Kuhnle. I'm a long-time
24	resident here. These meetings always no matter what
25	the questions that we're supposed to be addressing,

1	every meeting that I've been to here I don't think
2	all of them, but every one I have, it gets to where it's
2	are or chem, but every one r have, it gets to where it s
3	opinions and romanticism and a lot of emotion involved,
4	and that's fine, but an EIR/EIS, that is to discover if
5	it's going to wreck wildlife, it's going to do away with
6	them, if there is going to be Cadmium in the water. I
7	don't think that can be guaranteed. I mean, that's a
8	silly statement. I can get just as silly as the next
9	guy by just throwing stuff out there. But it's your job
10	to do another one of these EISes and do it to the best
11	of your ability. Is it going to adversely affect the
12	livestock, the grain farmers, the animals, endangered
13	species and everything? I have a hard time visualizing
14	all those panels wiping out the livestock. I mean, not
15	the livestock, the rodents and the kit foxes, the
16	endangered species that are dictating all of this. I've
17	seen all of those species, and I have farmed through
18	most of those species, and they're still there. We
19	graze and we farm.

And I wished I was on the take from First Solar. I tried to. I'm just a little too far to the north to make it all work. But I do want to see it come. I'm pro energy. It is so hard to get a business going in this state that we are driving all of the producers out. And I think it would be good for the

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1	economy. It would be a good job, if not for a long
2	term, then for a little while. It's a start. And I
3	don't agree with all the subsidies and all that for the
4	solar. It's just making my PG&E bill go through the
5	roof because of all of this stuff. PG&E just keeps
6	raising it, and they're getting used to having to buy
7	this because we have dictated it in this state that it's
8	going to be renewable 30 percent by 2030, or something.
9	And it's just making the producers harder to produce.
10	And I'm scared to death for my kids and my grandkids.
11	So this is a start for some jobs. And I really
12	have a hard time saying seeing it wiping out all the
13	rodents and the kit foxes and the hawks and everything
14	that eats all those rodents. It's going to be a mess
15	underneath those panels, and they're going to have a
16	hard time controlling them. I don't know how they're
17	gonna control it.
18	But, anyway, I'm voicing my in favor of it, and
19	you do your job to the best of your ability, and you
20	come up with those decisions that make it a yay or a nay
21	based on facts, not emotion like we tend to want to
22	splay out here. Thanks.
23	MS. COLAMARIA: Thank you.
24	MR. KUHNLE: I want to work on building it, is

25 what -- I need the work. So bring it on.

1 MS. COLAMARIA: Is there anyone else who wants 2 to speak? 3 You can just say your name. 4 MS. WOIKU: My name is Mekdes Woiku, W-O-I-K-U, 5 last name. 6 THE COURT REPORTER: First name spelling? 7 MS. WOIKU: M-E-K-D-E-S. I am a newcomer 8 comparing to the rest of the people. Permanently I 9 don't really live here either. However, five years back 10 and forth, we are trying to develop our own land, 45 11 California Valley is divided into two and a half acres. 12 acres land. I'm trying to show you the practical side 13 of really things that people need who live in the 14 valley. 15 Since we came, we fenced our area. The kit fox were around our area. They killed our ten cats and 16 17 we don't know how they stop there right now. They are 18 out there because we have so many dogs. Whomever is 19 farming in this place, or a farmer, for whatever reason, 20 we have cats and dogs, and these cats and dogs are 21 really against this kit fox, or anything, and they are 22 trying to be away from us, from the human being. And if 23 that's what it is, since it was divided, this land, this 24 was completely decided they would be gone by then when 25 everybody is start building the house. Then if -- what

1 it is, we shouldn't really come. If we are worried 2 about the kit fox, we shouldn't even come to this place 3 in the first place, and we shouldn't farm, we shouldn't 4 be around if we are talking about the animals; the whole 5 And we are the destroyers, each one of us, by thing. 6 bringing the others with the animals, by fencing our 7 area, by putting any kind of killing materials. Then 8 whatever it is, in general, when I see it, the Solar 9 Farm, the way I see it is really completely different 10 than the rest of the people, I can say. What I'm 11 looking at it is there are a lot of people, including 12 myself, living in the city or in this state, that is not 13 my own house. I'm renting it. Then I cannot put a 14 solar panel on my apartment. What -- when that 15 happened, there is no way this country is going to go 16 forward to have a solar energy in the state of the oil 17 and the gas and the other things. If we look at the --18 any other energy source is not really -- they are not 19 really good. It is much, much better, the solar panel. 20 The solar energy would be the best choice. 21 I wish if we can all of us afford and to put a

22 solar panel in our house would have been even much 23 better. We don't have to pay for anybody. Nobody come 24 and set up anything. I would have been very happy. But 25 the knowledge, the organization, the grouping, the whole

1	
1	thing, whatever is needed to be done, we cannot do it,
2	the people whom we are here in California Valley. Then
3	you guys came on, and if you have the knowledge, if you
4	have the ability, if you are going to do it, when you do
5	it, think about your own kids coming into this world.
6	Which would be the better choice of energy? Is that the
7	solar source? Or the oil? Or whatever. The charcoal,
8	or whatever you call it. You have to cut the trees and
9	other things to destroy we are destroying the lands
10	since we came, but it's a given from God for us. Even
11	we are killing animals to eat. What are we talking
12	about? How are we going to prevent it? Not really
13	killing the kit fox or this and that. And I am trying
14	to see it from all sides and for the people in the
15	countryside whoever is going to use the energy from
16	here, from the solar panels. They have to have a solar
17	somewhere, and this is not on a really a place a
18	city the city, you cannot do it in the city. It is
19	industry, but it cannot be in the city. In the big
20	house, it is. The amount of species this is taking.
21	This is the proper place I can think of. And if you
22	have another place, do it so, and take us out from the
23	gas, from the other things. And if you can't get out of
24	the company, which is really the umbrella company, and
25	trying to collect the money, and trying to think about

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1	the people, not for their interest, for the people's					
2	interest, it would be better. If it is the solar					
3	energy, we are looking forward to our price to lower					
4	down, not to go up. The price has to go down because					
5	it's not going to cost them anything. It's just the					
6	sun. Really, whatever you guys are doing now for					
7	temporary. That's all I have to say.					
8	MS. COLAMARIA: Thank you.					
9	MR. STROBRIDGE: Can I say something real					
10	quick?					
11	MS. COLAMARIA: Sure.					
12	MR. STROBRIDGE: My name is Mike Strobridge. I					
13	have a couple other things I should have mentioned					
14	earlier. We should look at the efficiency of these					
15	panels. If you are going to implement a large-scale					
16	plan, you obviously want to implement the most efficient					
17	and most effective panel. First Solar's panels,					
18	according to the National Renewable Energy Laboratory, a					
19	fact, has a 10 to 11 percent efficiency rate, one of the					
20	worst ratings out of any panel currently made.					
21	We also need to address the loss of jobs in					
22	other job sectors due to the rise in energy costs from					
23	implementing alternative energy. Like Spain, for every					
24	renewable jobs in the solar sector, I believe they lost					
25	seven jobs in the regular workforce.					

1	Mitigation ratios: This area, according to San					
2	Luis Obispo County, the mitigation ratio for kit fox was					
3	a 5 to 1 ratio. Department of Fish and Game has voiced					
4	their concern about this and said that a 5 to 1 would be					
5	a minimum. They actually were thinking about a greater					
6	ratio listing than a 5 to 1.					
7	Now, and I just I wanted to address					
8	Mr. Kuhnle's statement about emotions and no facts. I					
9	have facts for everything. I have everything in					
10	documents. I have everything I can provide you with					
11	anything that you would want to support and substantiate					
12	anything and everything I have said here tonight.					
13	Mr. Kuhnle is selling a piece of property to					
14	First Solar. He helped them build and construct the					
15	test solar panel on it to have his picture on it. So he					
16	is vested with First Solar. I can understand his					
17	support for the project. He wants the work. He doesn't					
18	want to drive into town. But we got to understand that					
19	we need to be honest here and not misrepresent					
20	ourselves. I'm telling you how it is. I'm					
21	straightforward. That's the way I work. I don't like					
22	people sneaking around misrepresenting themselves.					
23	That's all I have to say. Thank you.					
24	MS. COLAMARIA: Thank you.					
25	MR. TWISSELMAN: I wasn't going to say					

1	anything, but I'm the 80-year-old man that telling					
2	everybody what to do out here, some people referred to,					
3	so I thought I'd better get up and introduce myself.					
4	And my name is Darrell Twisselman, and I'm 78.					
5	MS. COLAMARIA: Mr. Twisselman, can you spell					
6	that for her.					
7	MR. TWISSELMAN: The Darrell or the					
8	Twisselman? T-w-i-s-s-e-l-m-a-n.					
9	MS. COLAMARIA: Thank you.					
10	MR. TWISSELMAN: Anyway, to me, this is a					
11	perfect laboratory to try out solar. We've been talking					
12	solar, talking solar, and this is a perfect place.					
13	We've got the monument. We used the Carrizo Plains for					
14	a laboratory. We've got the monument on that end with					
15	the Indians, and the paintings, and the whole shootin'					
16	match. We'll see how that works. And this solar thing					
17	is an insignificant amount of property in this total					
18	area. You go up on the mountain and look back, and it's					
19	a spot and one over here. When you think of acreages,					
20	you think kind of like lots in a town, but out here, we					
21	think in sections. So it's a very insignificant amount					
22	of land. The perfect laboratory. It's got everything					
23	to try out solar power and see how it works. It's got					
24	the transmission lines already available. It's got the					
25	sunlight, no fog, cheap land, because it's cheap					

1	because	it a	ain't	worth	а	damn,	and	it's	a	starve-out
2	country	for	the	farmer	wh	no's be	een l	nere.		

The only people that are talking here tonight 3 are people who just came to put a house. And you're 4 talking about how wonderful a place this is and you 5 can't find it anywhere else. Well, if enough of 'em 6 7 come here, then it's going to be like everywhere else. So -- and I have been here for 78 years. And, so, so 8 much of what you hear is just talk and ideas and don't 9 really mean much. And when he gets up here talking 10 about liars, that makes me mad, because I've never 11 caught First Solar lying about anything, and I don't 12 13 think they got any right to use that talk. That was 14 insulting.

But, anyway, that's where I'm coming from. And my idea is that this is a laboratory. Try solar. See how it works. And it's a perfect place in California to try it. Thank you.

19 MS. COLAMARIA: Thank you.

20 Anyone else?

21 (No audible response.)

22 All right.

Well, then, we'll officially conclude the oral comment section, but we'll stick around if you guys have any individual questions for us.

1		Thanks again for your patience and thanks for
2	coming.	
3		(Applause.)
4		(Proceedings concluded at 8:06 p.m.)
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	TRANSCRIPT OF PROCEEDINGS-11/16/2010						
1	REPORTER'S CERTIFICATE						
2	STATE OF CALIFORNIA						
3	COUNTY OF SAN LUIS OBISPO						
4							
5	I, JERI CAIN, Certified Shorthand Reporter, RMR,						
6	CCRR, CRR, holding California License No. 2460, do						
7	hereby certify:						
8	The said hearing was reported by me by the use of						
9	computer shorthand at the time and place herein stated						
10	and thereafter transcribed into writing under my						
11	direction.						
12	I further certify that I am not of counsel or						
13	related to any of the parties hereto, nor am I in any						
14	way interested in the financial outcome of this action.						
15	In compliance with Section 8016 of the Business and						
16	professions Code, I certify under penalty of perjury						
17	that I am a Certified Shorthand Reporter with California						
18	state License No. 2460 in full force and effect.						
19	WITNESS my hand this 15th day of December, 2010.						
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