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FEDERAL ENERGY REGULATORY COMMISSION

OFFICE OF ENERGY PROJECTS

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Free Flow Power Mississippi River
Hydrokinetic Lead Projects

SCOPING MEETING

Vicksburg Convention Center

1600 Mulberry Street

Vicksburg, Mississippi 39180

Tuesday, April 14, 2009

2:00 p.m.

1 APPEARANCES:

- 2 For Federal Energy Regulatory Commission
- 3 Sarah L. Florentino Environmental Biologist
- 4 Stephen Bowler, FERC Project Coordinator
- 5 Annie Blanchard Jones - Attorney-Advisor
- 6 Michael R. Pincus - Office of the General Counsel

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8 SPEAKERS:

- 9 Jeff Artman - 8
- 10 Dan Irvin - 10
- 11 Ramya Swaminathan - 14
- 12 Mayor Laurence - 22
- 13 Herscovici Julius - 24

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1 P R O C E E D I N G S

2 MS. FLORENTINO: Good afternoon,
3 everyone, we're gonna get started here in a minute.
4 I apologize for all of the technical difficulties
5 we've had.

6 Okay. Again, I'm sorry we're
7 starting a little bit late. Thank you for your
8 patience with our technical difficulties.

9 Welcome, everyone, to the Vicksburg,
10 Mississippi scoping meetings for Free Flow Power's
11 proposed Mississippi River Hydrokinetic Lead
12 Projects.

13 This meeting is hosted by the
14 Federal Energy Regulatory Commission, or the
15 F-E-R-C, or FERC as we call it at the office. I
16 might also refer to it as the Commission as we go
17 on with the presentation.

18 My name is Sarah Florentino and I'm
19 one of the project coordinators for FERC licensing
20 of the projects. My co-coordinator is Stephen
21 Bowler, who'll be operating the slide show for us.

22 So thank you all for joining us
23 today. And we hope to make this a very productive
24 information sharing meeting.

25 If you haven't signed in, please do

1 so now. On the sign-in sheet, please print your
2 name and your address and indicate whether you
3 would like to be added to the mailing list for
4 these projects. Also, at the bottom of the sign-in
5 sheet, please indicate whether you would like to
6 speak during the comment period today.

7 If you have prepared a written statement,
8 you may submit it to the court reporter or file it
9 with the Commission, and we will explain how to do that a
10 little later.

11 Please feel free to pick up the
12 handouts that we have. I guess they're at the back
13 of the room; the scoping document Number 1, and our
14 integrated licensing process regulations, and some
15 tips for stakeholders to implement the process, as
16 well as the brochure to help everyone sign up in
17 our E-Library system.

18 We're hoping to present our slides
19 as efficiently as possible, so that we allow plenty
20 of time for the public comments at the end of the
21 meeting. And in that regard, let me show you our
22 agenda.

23 So we'll be doing introductions
24 first. And, at least, we'll be introducing all of
25 the FERC staff and contractor staff that are here

1 today.

2 There's additional FERC staff and
3 contractor staff that you'll meet at other scoping
4 meetings.

5 Again, make sure to fill out our
6 registration form or our sign-sheet so we have an
7 accurate record of the participants in today's
8 meeting.

9 Following introductions, we will
10 discuss the purpose of scoping, working with the
11 Corps of Engineers, our anticipated schedule for
12 preparation of the Environmental Impact Statement
13 or the E-I-S, and our information needs for
14 analysis of the proposals.

15 After that, Free Flow Power will
16 provide brief project descriptions of the seven
17 lead projects.

18 And, finally, we will provide our
19 preliminary scope for cumulative effects analysis,
20 and the procedures for spoken and written comments.

21 So I've already introduced the FERC
22 project coordinators, which are myself, Sarah
23 Florentino and Stephen Bowler. We also have here
24 today our contractor project coordinator, Fred
25 Winchell; waving here in the front, Bernward Hay is

1 our contractor water quality specialist, sitting
2 over here in our area. Tom Kahl, contractor, civil
3 engineer, John Hart, our contractor hydrologist,
4 Annie Jones, one of our FERC counsel, and Michael
5 Pincus, another FERC counsel member.

6 Okay. So just briefly to cover the
7 overall proposal and lead project concept.
8 Ultimately Free Flow Power proposes to install
9 180,000 turbine-generators across 55 sites to
10 produce 1,800 megawatts of average operating
11 generation with a total installed capacity of 7,200
12 megawatts.

13 Free Flow Power proposed that seven
14 of the 55 sites be treated as the "Lead Projects"
15 and that pre-filing be initiated for those sites
16 using the Commission's Integrated Licensing Process
17 or the ILP. The "Lead Projects" include the
18 proposed Greenville Bend, Scotlandville Bend, Kempe
19 Bend, Ashley Point, Hopefield Point, Flora Creek
20 Light, and McKinley Crossing Hydrokinetic
21 Projects. Descriptions of the proposed Lead
22 Projects are provided in Section 3.0 of the scoping
23 document. You could flip to that page if you have
24 a copy of that with you.

25 After the seven Lead Projects have

1 been completed, the study determination phase have
2 been completed, the study determination, basically
3 the ILP, Free Flow Power plans to prepare license
4 applications for the other 48 sites under the
5 Commission's Traditional Licensing Process or the
6 TLP. Free Flow Power intends that the study plans
7 established in the ILP can be used at the TLP
8 sites.

9 The scoping meetings for the 48 TLP
10 sites will be held at a later date.

11 So the purpose of scoping -- the
12 next slide. The National Environmental Policy Act
13 or NEPA, FERC's regulations, and other applicable
14 laws, require evaluation of environmental effects
15 of licensing or relicensing of hydropower projects.
16 FERC staff analyze the effects of proposed projects
17 on aquatic, terrestrial, recreation, cultural,
18 tribal, aesthetic, and developmental resources.

19 The scoping process is a part of NEPA
20 and is used to identify issues and concerns to be
21 addressed in NEPA documents -- which are
22 environmental assessments or in this case,
23 environmental impact statements -- with input from
24 solicited or with input solicited from federal,
25 state, and local agencies, Indian Tribes,

1 Non-governmental organizations, and the public.

2 The Scoping Document 1 for the Lead
3 Projects was issued on March 16, 2009.

4 Okay. And now we're going to take a
5 moment to let a representative of the Corps speak
6 for a moment. As you all know, the Corps is
7 involved with virtually everything that goes on
8 with the Mississippi River, so they'll be heavily
9 involved in this process. And we'd like to give
10 them a chance to speak.

11 JEFF ARTMAN

12 MR. ARTMAN: Good afternoon, my name
13 is Jeff Artman Mississippi Valley Hydropower
14 Business Line Manager. So I'm just speaking on
15 behalf of the Corps of Engineers, and I just want
16 to say, "The U.S. Army Corps of Engineers supports
17 the development of renewable energy projects where
18 these projects are feasible, and in the case of the
19 Mississippi River, where these projects are
20 compatible with Corps missions of Navigation, Flood
21 Risk Management, Environmental Stewardship, and
22 Recreation. The Corps has provided comments to
23 FERC and Free Flow Power regarding the hydrokinetic
24 projects on the Mississippi River. And the Corps
25 will continue to work with FERC and Free Flow Power

1 to resolve these comments.

2 So we're working through the process
3 with FERC and looking out for our Corps missions.

4 MS. FLORENTINO: Thank you, Jeff.
5 Next we'd like to cover, just briefly, the
6 environmental impact statement preparation
7 schedule. This is the abbreviated schedule, of
8 course. In your scoping document, in Appendix B,
9 you'll find a more detailed schedule.

10 So we're currently conducting
11 scoping, and we have additional meetings through
12 May of 2009. Following scoping we'll have a study
13 planning process, which will go from May to
14 November.

15 The applicant will present a license
16 application in December 2010. We expect to have a
17 Ready for Environmental Analysis or an REA Notice
18 by March 2011, and issue an environmental impact
19 statement by October 2011.

20 Okay. So here at the meetings we
21 are requesting specific information. We are
22 looking for significant environmental issues that
23 should be addressed in the EIS.

24 We're looking for study requests,
25 using Commission seven study request criteria.

1 And those are outlined in the scoping document, as
2 well.

3 We're also looking for information
4 or data describing the past and present conditions
5 of the project areas.

6 Resources plans and future proposals
7 in the project area.

8 The comments can be provided orally
9 today or written today by submitting them to the
10 court reporter, sitting here to my right, or they
11 can be mailed to FERC or filed electronically.

12 At this time we're going to allow
13 Free Flow Power to provide a brief description of
14 the seven Lead Projects.

15 DAN IRVIN

16 MR. IRVIN: Hi, I'm Dan Irvin, I'm
17 CEO of Free Flow Power. We're gonna go through
18 just a few quick slides. So the total number of
19 projects on the Mississippi River is 55 is part of
20 this process. They're between St. Louis, Missouri
21 and just south of New Orleans.

22 So the FERC -- preliminary permits
23 for these projects were issued in early 2008. The
24 pre-application document was submitted on January
25 15th of this year.

1 Scoping meetings and site visits are
2 really just the beginnings, so this is the first
3 one, and there are seven ILP sites. And as Sarah
4 mentioned, the other sites are being processed
5 under the traditional licensing process.

6 What we're -- I think what's
7 interesting for this region is that this is an area
8 of the country, as many of you know, that doesn't
9 have a great deal of solar or wind resources as many
10 other areas of the country, but what it does have
11 is a tremendous water resource. The Mississippi is
12 the third biggest river system in the world. The
13 other two river systems that are bigger are the
14 Amazon and Congo which are actually still largely a
15 flood plain river, so this is a pretty directed
16 flow, and that's really what makes these projects
17 viable in our view.

18 One thing just -- I'll mention is
19 that, we think it's a major source of energy and
20 clean renewable energy that satisfies a lot of the
21 requirements that are being proposed by the
22 facilities, both by the state and federally. There
23 are a whole series of tax incentives that were
24 passed just by the stimulus bill for projects like
25 this. And it's also a fairly labor intensive

1 business, so it's gonna create a fair amount of
2 bringing jobs, because these are high-maintenance
3 projects, high maintenance.

4 This is a picture of our turbine.
5 One on the right is a one-meter version that we are
6 working to put in. We've tested it in controlled
7 environments. We're working with the Corps and
8 other agencies to put it into a test facility on
9 the Mississippi River. One of the issues about
10 these things is they do get a lot of debris.
11 There's lot of suspended particles in the river, a
12 lot of bearing wear, as well as trees and houses,
13 and cars along the bottom of the river.

14 The one on the left is the version
15 that we are building now. We have tooled for this.
16 It's fully designed. We're in production, the
17 first units, we'll probably be looking to put into
18 test facilities starting this summer.

19 You know, the key issues that we've
20 designed for is something that's extremely
21 environmentally friendly. Most hydroturbines are
22 very high-speed devices and they're -- the
23 environmental mitigation is principally dealt with
24 by keeping fish out of the turbine.

25 We use a very low tip-speed ratio,

1 so when you see a wind turbine, they're very
2 efficiently designed, from a materials point of
3 view, is that tip-speed ratio is very high,
4 something like 5 and 6. And what I mean by that
5 is, if the wind is going, for example, 20 miles an
6 hour and the tip-speed ratio is six times, the
7 outside edge of that device is going about 120
8 miles an hour, which is a fairly high speed.
9 That's a more efficient way to design a device from
10 an engineering point of view.

11 We purposely designed something with
12 a very low tip-speed ratio. Our tip-speed ratio is
13 2 to 1, so if the water is going about about four
14 and half miles an hour, the tip of the rotor and
15 the outside rotor is going at about 9 miles an
16 hour. And we're really focused on a lot of the
17 literature that is -- and a lot of other studies
18 that, for example, studies that have been done out
19 of Erdek here on propellers on the Mississippi
20 River about what kinds of speeds are dangerous to
21 fish. And we believe that those speeds we're
22 talking about, are not speeds that will result in
23 fish mortality.

24 There are no high velocity regions
25 inside the device, which is one of the things

1 that's been identified as being harmful eventually
2 to fish, no gaps that a fish can get caught in.
3 Really, there's no pressure grade, and one of the
4 things that large head turbines have, hydroturbine
5 is a big difference in pressure, which is not good
6 for fish.

7 And then we're talking about
8 deploying these under the navigational channel. We
9 need to come up on shore to connect either to the
10 grid or to an industrial user, but almost by
11 definition, those are in areas where there's
12 already a fair amount of infrastructure, so we're
13 not coming into areas on shore that are, you know,
14 pristine, sort of environmental areas. By
15 definition we don't want to do that because that
16 would require a lot of on-shore infrastructure.

17 And these are water lubricated
18 bearings. We're not talking about grease packed or
19 petroleum products bearing lubrication.

20 Do you want to spend a little time
21 on this?

22 RAMYA SWAMINATHAN

23 MS. SWAMINATHAN: Hi, I'm Ramya
24 Swaminathan -- introduce myself, and I'm at Free
25 Flow, as well, Vice President of Development.

1 I think one of the things that we
2 are committed to, and that's what this slide is
3 really trying to address, is to be flexible and
4 where and how we deploy the turbines, depending on
5 the conditions of the river. We most certainly
6 thought that Baton Rouge were in a much deeper drop
7 part of the river where there's a lot more space
8 for vertical arrangements in deployments of the
9 turbines north of Baton Rouge in and around this
10 area.

11 I think depending on depth or there
12 are particular pockets that might tolerate more
13 vertical stacking of turbines. We certainly are
14 considering alternatives that I'll draw your
15 attention to that are more horizontal or shallower
16 in depth to address that particular depth, but we
17 are looking at a major flexible plans, including
18 affixed, affixing to single pilings, multiple
19 pilings and the kinds of stacked arrays that you're
20 looking at over there. Suspended between pilings,
21 as I mentioned, you have two pilings, you might
22 have one or two horizontal rows of turbines
23 attached to bridge abutments potentially suspended
24 from the surface.

25 Very simple point here, which is

1 that there is a lot of standard marine equipment
2 procedures that exist for servicing of river
3 operations, and we intend to use fairly, a simple
4 modular O&M operations in the maintenance
5 procedures, so that what essentially happens is you
6 have a piling is depicted at the bottom over there
7 on top of which sits a stack or an array of
8 turbines, you would use pretty standard equipment
9 barges, cranes that would be able to lift that
10 array or turbines off for periodic servicing
11 pressure washing, potentially replacement, to the
12 extent that any of the turbines is damaged.

13 I think, ah -- It's a little dark in
14 here, so I'm having trouble making it out myself,
15 but what I'll try to do is just point your eye
16 towards the middle of that.

17 This is one of our Lead sites, Site
18 Number 8 down in the New Orleans area, and the
19 visual here is really trying to give you a sense of
20 scale of the deployed turbines. Let me describe
21 what it is depicting. There are two rows, they're
22 in green, and I see a lot of eyes squinting, so I'm
23 hoping that -- thank you very much. There are two
24 rows of turbines. The two rows are 75 feet apart.
25 And as you look at the -- Thank you. There are two

1 rows here. And those two rows are 75 feet apart.
2 There are 32 individual points, which are
3 essentially the pilings, and each of those pilings
4 have six turbines on top of them. I'm sorry that
5 those in the back are having problems looking at
6 some of the details here, but this is the area of
7 this site that I wanted to draw your attention to.

8 Obviously this is a stylized
9 rendering, but wanted to give you a scale of
10 deployed turbine to begin this particular project
11 site.

12 And then, finally, to give you a
13 sense of some of the descriptions in each of the
14 sites as both Dan and Sarah had mentioned, we have
15 seven Lead sites, five on the lower Mississippi,
16 two on the middle Mississippi. Two of them are in
17 the New Orleans-Baton Rouge area, Greenville Bend
18 and Scotlandville Bend, both of those areas fairly
19 heavily industrialized and commercialized,
20 respectively.

21 And a lot of the habitat notes here
22 are well-known to folks that are fish and wildlife
23 service, et cetera, but I think some of these green
24 sites were chosen specifically with habitat variety
25 and issues to that --

1 Kempe Bend, Project Number 32, is
2 probably the closest to Vicksburg, it's in a fairly
3 broad area in Tensas Parish, and then Ashley Point
4 and Hope Field are much closer than them, because,
5 actually being about 3500 south.

6 The last two sites I wanted to
7 mention on the middle Mississippi are up in the
8 St. Louis area in Flora Creek Light Project Number
9 54 and McKinley Crossing Project Number 57.

10 The last thing that we really wanted
11 to mention here was that these resource areas, you
12 know, we've been working with the various resource
13 agencies and had taken careful note of some of
14 their concerns, which will obviously be addressed
15 today and during the entire scoping process. You know,
16 navigation, water quality, aquatic, terrestrial
17 species and cultural historic sites are explored in
18 some detail to the materials that we put together
19 over time, included with the pre-application document,
20 which is available on our website and on FERC's
21 website. I just wanted to give you a snap shot.
22 That's it for me.

23 MS. FLORENTINO: Okay. Thank you,
24 Dan and Ramya. Okay. The next thing I wanted to
25 cover is just a brief summary of what we've

1 determined so far to be the scope of cumulative
2 effects for the projects.

3 So for the Resource Issues, water
4 quality, fishery resources, wetland and terrestrial
5 resources, commercial navigation, and recreation.
6 There are some of the Resource issues.

7 In terms of Geographic Scope, it is
8 generally the middle and lower Mississippi River
9 for the water quality fisheries, and terrestrial
10 resources. The scope for navigation extends to the
11 limits of significant commercial navigation in the
12 drainage.

13 In terms of the Temporal Scope, we are
14 looking at past, present, and foreseeable future
15 actions, 30 to 50 years into the future.

16 Okay. For the remainder of the
17 meeting, I just have some ground rules here before
18 we begin to open comment period. Of course we ask
19 everyone to please show respect for other
20 participants, adhere to the time limit. If we --
21 I'm not sure if we will need them at this point,
22 but just to make sure we allow everyone who wishes
23 to speak, a chance to speak. If you haven't signed
24 in and you do want to speak, please sign in and
25 we'll be calling people up to the podium

1 one-by-one, basically in the order that you signed
2 in to speak.

3 When you come to the podium, please
4 provide your name, including the spelling for the
5 court reporer, and also be careful when you're
6 speaking, if you have any jargon or acronyms,
7 please spell the acronyms out for the court
8 reporter and for everyones' benefit before you
9 start using acronyms. If you prefer to leave
10 written comments, you can leave the written
11 comments with the court reporer or mail them to the
12 Federal Energy Regulatory Commission, or use the
13 e-filing option on our website. The instructions
14 for that are included in our scoping documents, and
15 also in the brochure that should be towards the
16 entrance of the center.

17 If anyone has any questions about
18 how to e-file, please see me at the end of the
19 meeting. Stephen Bowler will be providing the order
20 of speakers.

21 MR. BOWLER: I'm Stephen Bowler, FERC
22 Project Coordinator and nominated name caller, and
23 I'm the IT guy. The -- I just wanted to -- before
24 I follow these procedures, this is the first
25 scoping meeting of 10, and really this is the

1 beginning. We heard the summary of the applicant's
2 proposal from Dan and Ramya, thank you, and we've
3 heard a brief overview of the FERC process, and
4 this is really at the beginning of analyzing that
5 proposal, getting your comments, and then, and the
6 comments that people send in written form,
7 developing studies, Free Flow making those studies
8 into an application, us rating it and analyzing
9 that in the form of an environmental impact
10 statement, working with the Corps, the navigation
11 and other issues, and ultimately the Commission
12 will make a decision about whether or not or under
13 what conditions to license a project. So this is
14 the very beginning, and then --

15 I would like to ask at this point,
16 are there any other speakers who haven't signed or
17 who didn't check that they wanted to speak that
18 might want to speak now?

19 Another question, Jeff, have you --
20 you signed in as a speaker, but are you done?

21 MR. ARTMAN: I'm done.

22 MR. BOWLER: Okay. Well we're not
23 gonna have to have any time constraints, 'cause we
24 only have a couple of speakers signed up right now.
25 And is Mayor Laurence, Laurence or Laurence. You

1 can either come up here or to that microphone,
2 whatever you prefer.

3 MAYOR LAURENCE: I'm used to
4 microphones, it relaxes me.

5 MAYOR DANIEL LAURENCE

6 MAYOR LAURENCE: Good afternoon,
7 everyone, see a lot of local faces here. I just
8 wanted to make a comment that the City of Vicksburg
9 is very interested in this type of energy, renewal
10 energy projects. We've now had informal meetings
11 with two different companies, including Free Flow.

12 The City of Vicksburg spends 3.2
13 million dollars a year on electricity for city
14 facilities and street lights, that's \$6300.00 a
15 day. We calculated that -- was for 3.5 megawatts,
16 and we're interested in actually purchasing one of
17 these turbines for the energy credit. We're
18 working with the state to try to create a credit
19 environment.

20 We think that Vicksburg is uniquely
21 positioned, not only because of the Mississippi
22 Valley Division, and the Corps are located in our
23 community, be we also, Warren County owns the old
24 Mississippi River bridge, which is an established
25 navigational hazard, and we believe, from an

1 engineering perspective, that these turbines could
2 be mounted to that bridge structure by the piers,
3 and that the bridge could provide an opportunity to
4 bring electrical harnesses in without creating new
5 issues.

6 And I just wanted to encourage
7 everybody here, we want to do a responsible
8 project, and we wanted to, you know, assure that
9 the environment is not being negatively impacted.
10 But I wanted to encourage people to consider the
11 sped-up project of these temporary permits, because
12 at \$6300.00 a day it's a lot from our community,
13 and we have an investment opportunity where we
14 could capitalize one of these turbines to meet the
15 city's actual usage, pay for it in just three or
16 four years, and actually be able to reduce our
17 property taxes by 30 percent without having a
18 negative impact on the environment.

19 So we're anxious to start today,
20 literally, begging both companies, bringing a
21 contracted proposal. And I just wanted to
22 encourage everybody to consider looking at
23 Vicksburg as a place to begin your evaluations,
24 your studies, because the resources are here, and
25 we have local government that's willing to

1 participate financially. Thank you.

2 MR. BOWLER: Thank you. Herscovici
3 Julius.

4 HERSCOVICI JULIUS

5 MR. JULIUS: Good afternoon. I work
6 all my life in energy construction here in
7 Vicksburg. I was one of the first who worked at --
8 Badge Number 143.

9 When I come here to Vicksburg, with
10 a lot of experience for my work coming from Europe.
11 And I would like to support the project for this
12 new renewable energy.

13 I mean as our mayor said, here is an
14 ideal place to start, and I don't want to talk too
15 much about the economic advantage and good start
16 that can come from a renewable energy. We can hear
17 -- it's -- were impressed, but I would like to
18 encourage the engineers school who are in charge of
19 this project to take a very close look with our
20 background and with our infrastructure for this
21 kind of project.

22 One more thing that I would like you
23 to take into consideration, we have here a very
24 high-skill of laborers, carpenters, iron workers,
25 you name it, mechanics, who can -- this project

1 with all the complexity in a very timely fashion
2 with a budget constraint and with a high quality.
3 Most of the people who work in our union are
4 trained and for Gibson as a steel have an excellent
5 record. Don't forget that this for Gibson power
6 plant is the largest in the world, has many people,
7 is the largest in the world, and was the best
8 record as time on light with no problem with
9 environmental or the health hazard.

10 One more time, please take a good
11 look at this work and let's not cause this project
12 as soon as possible. Thank you.

13 MR. BOWLER: Thank you. Is there
14 anybody who signed up to talk, who I haven't
15 called? Is there anybody who didn't sign up to
16 talk who now wants to talk? Well, if that's the
17 case, I will close the formal meeting.

18 There's a lot of people here who
19 have knowledge of the process, the projects, and
20 then I encourage you to discuss your things with us
21 while we're here.

22 I just make the point that anybody
23 that you want to be considered in our analysis does
24 need to make it into our formal record, one way or
25 another, whether you mail it to our Commission

1 secretary, whether you electronically file it, and
2 using the information in the brochure we have, or
3 whether you hand it into the court reporter today.
4 And any information that you want to contribute to
5 the analysis, please make sure it gets into the
6 record.

7 With that, thank you for coming.

8 Yes.

9 UNIDENTIFIED PERSON: Is there some
10 place to get a copy of the slides from today?

11 MR. BOWLER: Our slides -- we can
12 put them in the record, I think. Yeah, that's no
13 problem. You guys have yours on, possibly on the
14 website, Ramya and Dan?

15 MS. SWAMINATHAN: Not on the
16 website.

17 MR. BOWLER: So, I think Free Flow
18 slides said they can post on their website if -- or
19 at least they can check into whether that's
20 possible, and then we will put a, like a PDF file
21 in the, file in the record so you can get it from
22 the docket for any one of the seven projects, any
23 one of the seven Lead projects.

24 Any other questions, even very --
25 other practical questions like that about filing

1 or? Yes, sir.

2 UNIDENTIFIED PERSON: What is
3 dimensions of these turbines, what's the size of
4 'em, I'm talking about physical size, not megawatts
5 or anything like that?

6 MR. BOWLER: For the details on the
7 project, I would direct you to talk to the
8 applicant directly or to go to the records on our
9 e-library system. I don't want to get into too
10 much back and forth. I don't want to give you
11 information off the top of my head. But everything
12 -- there's a pre-application document that
13 describes their proposal and it's on that e-library
14 website, on their website, as well, Free Flow
15 Power's website. To get those details I'm sure you
16 can talk to them today.

17 UNIDENTIFIED PERSON: It might be
18 useful to mention your other meetings, when that
19 might be and where they will be held.

20 MR. BOWLER: Yes. Thank you very
21 much. We'll have another meeting tonight here at
22 7:00 o'clock, and then that obviously is to
23 accommodate people who are at work right now. And
24 then we have eight other meetings starting on April
25 27th. I'll run through them very quickly just what

1 the city and the -- On the 2:00 p.m. -- I'm sorry,
2 on the 28th we will be in New Orleans, and at 7:00
3 p.m. on the 28th we'll be in New Orleans. On
4 Wednesday the 29th we'll be in Baton Rudge, and at
5 10:00 a.m. on Thursday we'll be in Baton Rudge. On
6 Monday, May 4th, we'll be in Memphis at 7:00, and
7 Tuesday -- at 7:00 p.m., obviously, and 10:00 a.m.
8 the next day on the 5th we'll be in Memphis. And
9 then we'll be in St. Louis at 2:00 p.m. on May 7th
10 and 7:00 p.m. on May 7th.

11 And all this information is also
12 available in the record. And do we have some -- We
13 may have some handouts with it, as well, and we'll
14 have those out on the table.

15 We have this meeting in the original
16 scoping document, and then we noticed the other
17 eight meetings a week or two later.

18 And, again, the filing date
19 deadline is May 15th for the comments into the
20 record for the scoping process. And there will be
21 other opportunities through the process to comment,
22 and there will be study plan during that phase or
23 opportunities to comment on the study planning, and
24 there's opportunities to comment when we do the
25 environmental impact statement. So there's several

1 opportunities through the process.

2 With that, I guess I'll formally
3 close the meeting. Thank you very much.

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5 (At 3:00 p.m. the meeting adjourned)

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C E R T I F I C A T E

I, Terence M. Holmes, a duly
qualified and commissioned notary public within and
for the State of Ohio, do hereby certify that at
the time and place stated herein, and in the
presence of the persons named, I recorded in
stenotypy and tape recorded the proceedings of the
within-captioned matter, and that the foregoing
pages constitute a true, correct and complete
transcript of the said proceedings.

IN WITNESS WHEREOF, I have hereunto
set my hand at Cincinnati, Ohio, this 17th day of
April, 2009.

My Commission Expires:
July 28, 2012

Terence M. Holmes
Notary Public - State of Ohio