



California Energy Commission

Biofuels Pre-Solicitation Workshop

**CALIFORNIA ENERGY
COMMISSION**
Hearing Room A

January 11, 2013

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Fuels and Transportation Division

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Workshop Introduction and Overview

- Welcome
- Housekeeping/Logistics
 - Bathrooms
 - 2nd Floor Snack Shop
 - In case of emergency



Agenda and Goals

- **Workshop Introduction and Overview** 9:00 am
- **Biofuels Activities** 9:15 am
- **Federal and State Biofuels Credit Programs** 9:45 am
- **Leveraging ARFVTP Funding – Public / Private Sources of Capital** 11:40 am
- **Biofuels Production in California -- Challenges and Opportunities** 1:30 pm
- **Funding Priorities and Evaluation Criteria** 2:00 pm
- **Review of PON-11-601** 3:00 pm
- **Proposed Biofuels Production Solicitation** 3:30 pm
- **Public Comments** 4:00 pm
- **Adjourn** 5:00 pm



Biofuels Activities

- Goals and progress of the Alternative and Renewable Fuel and Vehicle Technology (ARFVT) Program
- Biofuels funding history / priorities / objectives b1

Slide 4

b1

my insert here
bkinney, 1/6/2013



Scoring Criteria Overview

- Financial viability—credible business plan
- State Economic Impacts
- Budget Efficiency
- Sustainability
 - GHG reduction is a key indicator
 - Reflects carbon reduction credits from resource reclamation
 - Land, Air, and Water Impacts



Overview of Scoring Criteria^{b27}

- Policy goals:
 - Petroleum Reduction
 - Reduce Carbon Intensity of Transportation Fuels
 - Increase In-State Biofuels Production
- Technology Transformation
- Market development
- Project Team

Slide 6

b27

new slide

bkinney, 1/6/2013



Federal and State Low Carbon Biofuels Credit Programs b2

- Federal Renewable Fuel Standard (RFS2) credits b3
 - Overview and status of RFS2
 - Applications of RFS2 RIN credits
- CARB Low Carbon Fuel Standard (LCFS) and Biofuels Production
 - Generating and using LCFS credits/pathways
 - Rulemaking on Section 3103
 - Discounting LCFS credits

Slide 7

b2

my insert here

bkinney, 1/6/2013

b3

Speakers will define all acronyms and explain their meaning.

bkinney, 1/6/2013



b4

BREAK

**Upcoming: Discussion – Low Carbon
Biofuels Credit Programs**

Please return at 11:15 am

Slide 8

b4

formatting change and text

bkinney, 1/6/2013



Federal and State Low Carbon Biofuels Credit Programs Cont.

Discussion – Biofuels Credit Programs

b5

Slide 9

b5

formatting and text changes

bkinney, 1/6/2013



Leveraging ARFVTP Funding – Public / Private Sources of Capital

- Overview of ARFVTP funding
- Loan / guarantees, bond financing, others
- Questions and Discussion



LUNCH

Upcoming: Biofuels Production in
California – Challenge and
Opportunities

Please Return at 1:30 pm



Biofuels Production in California – Challenges and Opportunities

- Fuel quality certification
- Evaluation of custom pathways for greenhouse gas calculations

b6

Slide 12

b6

we need to set Alissa up with this brief discussion--I can do this.

bkinney, 1/6/2013



Biofuels Production in California – Challenges and Opportunities Cont.

- Questions and discussion



Funding Priorities and Project Evaluation

- Technology development cycle and proposed funding priorities—increased focus on commercial-scale deployment?
- Feedstock evaluation and development
- Niche applications
- Stages of development
- Role of Sustainability in project selection?

Slide 14

b7

Addiotn and clarification of text and formatting

bkinney, 1/6/2013



BREAK

Upcoming: Review of PON-11-601

Please return at 3:00 pm



PON-11-601

Review of Selection Process b8

- Timeline: Release and Public Workshop
- All proposals scored identically
- Proposals within each fuel type were then ranked separately to determine awards
- Final NOPA posted October 5, 2012

Slide 16

b8

New slide--we need to provide a review of the entire selection process first, then talk about debriefing

bkinney, 1/6/2013



Review of PON-11-601

- Synthesis of PON-11-601 debriefing and feedback
 - Unsuccessful Applicants may request a debriefing after the release of the second NOPA (Oct 5, 2012) b9
 - 16 debriefings requested out of 66 applications

Slide 17

b9

not sure we need the deadline information, since it is inaccurate, and probably just the overall total for both rounds.

bkinney, 1/6/2013



Synthesis of PON-11-601 debriefing and feedback

- “Why was my proposal disqualified for match funding? Our match funding ^{b10} was 50% of our grant request?”
 - PON-11-601 required that the match be 50% of the total project cost. ^{h1}

Slide 18

b10 re-wording this from the applicants' perspective
bkinney, 1/6/2013

h1 re-wording
hnguyen, 1/7/2013



Synthesis of PON-11-601 debriefing and feedback cont.

- “How were the proposals scored?”
- Scoring team: 3 to 4 CEC staff members
- Proposals are scored solely on proposal content



Synthesis of PON-11-601 debriefing and feedback cont.

- Match Funds “Can other components from other/previous projects be used as in-kind match contributions for my proposed project?”
 - Necessary to fuel production b14
 - Must be appraised or verified

b14

formatting change

bkinney, 1/6/2013



Synthesis of PON-11-601 debriefing and feedback cont.

- “Can I submit confidential information with my proposal?”
 - Confidential information not accepted b15
- Allowable follow-up documents:
 - CEQA updates from your Lead Agency
 - Updates on initial documents submission

Slide 21

b15

formatted
bkinney, 1/6/2013



Synthesis of PON-11-601 debriefing and feedback cont.

- “Is it possible to request a copy of a successful application?” b17
- Grants/Contracts/Loans Department --
 - Kevyn Piper: 916-654-4845
 - Kevyn.Piper@energy.ca.gov

b17

re-wording
bkinney, 1/6/2013



Proposed Biofuels Production Solicitation

- Elements of successful ARFVTP applications



Elements of Successful Applications

- Eligible Project?
- Eligible Applicant?
- Administrative Screening?
- Technical Screening?



Elements of Successful Applications

- Organize the application b20

Slide 25

b20

outline here?
bkinney, 1/6/2013



Elements of Successful Applications

- Organize the application
- Table of Contents of Proposal Requirements



Elements of Successful Applications

- Organize the application
- Table of Contents of Proposal Requirements
- Technical Screening Requirements



Elements of Successful Applications

- Spell it out



Elements of Successful Applications

- Spell it out
- Define jargon and acronyms



Elements of Successful Applications

- Scoring Criteria



Elements of Successful Applications

- Scoring Criteria
 - Points allocated for each question

b22

Slide 31

b22

this slide may be unnecessary, as the relative points for the next round may change?

bkinney, 1/6/2013



Scoring Criteria

- Answer ALL parts of each question b21

Slide 32

b21

examples or more detail? each bullet.

bkinney, 1/6/2013



Scoring Criteria

- Answer ALL parts of each question
- Be specific



Scoring Criteria

- Answer ALL parts of each question
- Be specific
- Use charts, graphs, tables, diagrams...



Elements of Successful Applications

- Ask questions during the pre-application workshops



Elements of Successful Applications

- Ask questions during the pre-application workshops
- Read the Q & A responses posted after the Workshop – ListServe handout



Elements of Successful Applications

- Ask questions during the pre-application workshops
- Read the Q & A responses posted after the Workshop – ListServe handout b23
- Ask for a debriefing and feedback after the NOPA is posted

Slide 37

b23

may want to elaborate here, or not.

bkinney, 1/6/2013



Review of PON-11-601 cont.

- Strategies for successful CEQA compliance

b24

b25

Slide 38

b24 re-wording
bkinney, 1/6/2013

b25 partnering with lead agencies or associated local government entities

use of existing sites with uses already permitted

possible exemptions

neg decs, Initial Studies, EIRs

bkinney, 1/6/2013



Proposed Biofuels Production Solicitation

Questions and Comments



PUBLIC COMMENTS



NEXT STEPS



California Energy Commission

Thank you for participating in our workshop

ADJOURN