

CalNEXT Request for Ideas (RFI)

2023 Q2

April 24, 2023



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Presenters



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Agenda

| | | |
|---|---------------------------|--------|
| 1 | Introduction & Why RFIs? | 5 min |
| 2 | RFI – Heat Pump Dryers | 10 min |
| 3 | Review Submission Process | 5 min |
| 4 | Q&A | 10 min |

About CalNEXT

CalNEXT's vision is to identify emerging technology trends and bring commercially available technologies to the energy efficiency program portfolio.



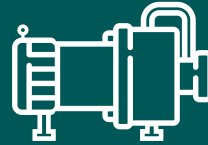
Appliances &
Plug Loads



HVAC



Lighting



Process
Loads



Water
Heating



Whole
Buildings

Poll #1

What Technology Area(s) are you interested in submitting a project idea for?

Please respond to the Zoom poll

Why RFIs?



Portfolio Size/Diversity

- 160 Projects for the life of the program
- 40 to be selected this year



Selecting the Best

- Maximize impact
- Maximize technology transfer
- Maximize budget



Industry Subject Matter Expertise

- Compliment partner team
- Increase industry engagement
- Increase adoption

RFI - Heat Pump Dryers Residential



Plug Loads & Appliances TPM: Decarbonizing Household Appliances

- Heat Pump Dryers is a research focus area under the Decarbonizing Household Appliances technology family of the Plug Loads & Appliances TPM.



Opportunities

- Gas-fired clothes dryers represent the majority in both residential (58%) and commercial (82%) settings in California. Heat pump dryers or other high efficiency electric alternatives represent both a strong decarbonization opportunity and energy savings opportunity.



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Barriers

- While heat pump dryers are prevalent in other markets, they are in a nascent stage in the U.S. Despite the significant savings opportunities, there remains several consumer barriers including electrical capacity, customer acceptance, and retail stocking practices.



RFI – Heat Pump Dryers Commercial



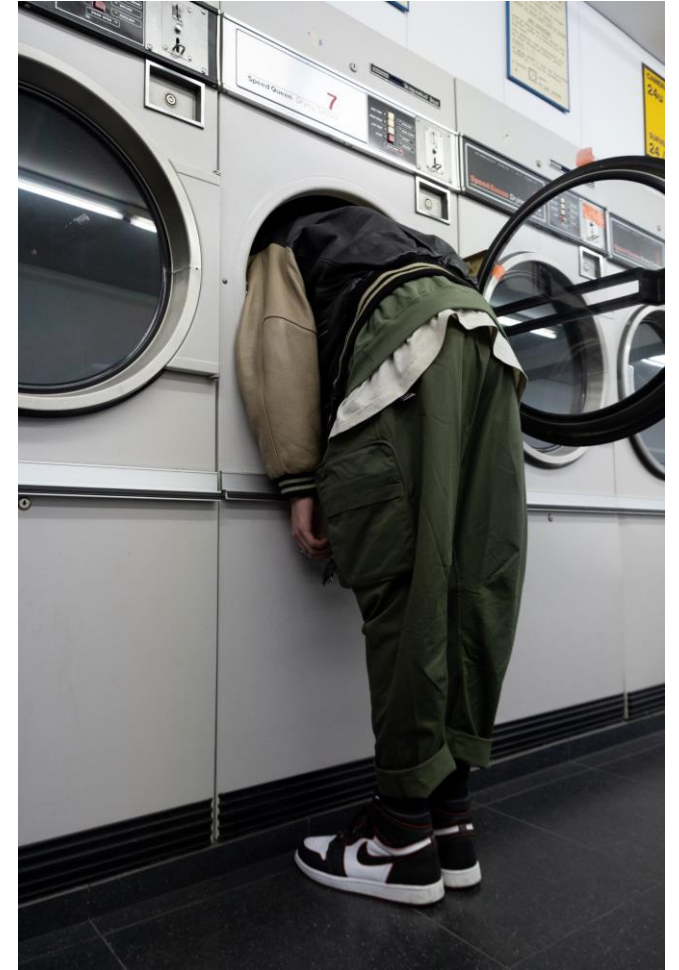
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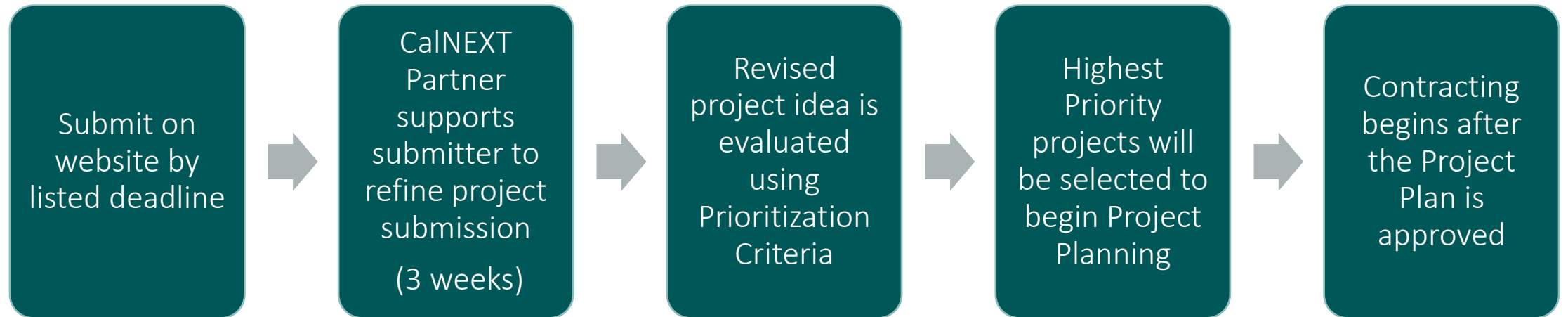


Poll #2

How likely are you to submit a project or idea before the May 25, 2023 deadline?

Please respond to the Zoom poll

Project Submission & Selection Process



Project Submission on CalNEXT.com

- Navigate to website
- Download questions
- Develop Answers
- Input answers into webform when you are ready to submit

Submit a Project

For projects that are ready to implement:

(Tip: [Download this PDF](#) of form questions to prepare your answers before using the online form, as your answers may not be saved if you leave the session and come back to it later.)

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CalNEXT Project Submission Form

PROJECT TEAM INFORMATION

1. Submission Date *

2. Project Name *

3. Company or Organization Name *

4. Contact Name *

Prioritization Criteria

| Criteria | Weighting | Details |
|---------------------|-----------|---|
| TPM Alignment | 15% | How well the project aligns with the CalNEXT TPMs |
| Technology Transfer | 10% | How well will the research support technology inclusion in IOU and non-IOU EE, DR, Decarbonization programs, codes & standards, or market adoption? |
| Benefits | 20% | Whether the project has benefits for the utilities and affects HTR/DACs |
| Quality of Idea | 50% | Clarify of scope, how innovative it is, whether it's ready for implementation, has a clear market strategy, and has a reasonable timeline |
| Cost | 5% | Estimated budget |

Poll #3

How did we do?

Please respond to the Zoom poll

Q&A





Thank You!

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Email us: info@calnext.com

