Welcome

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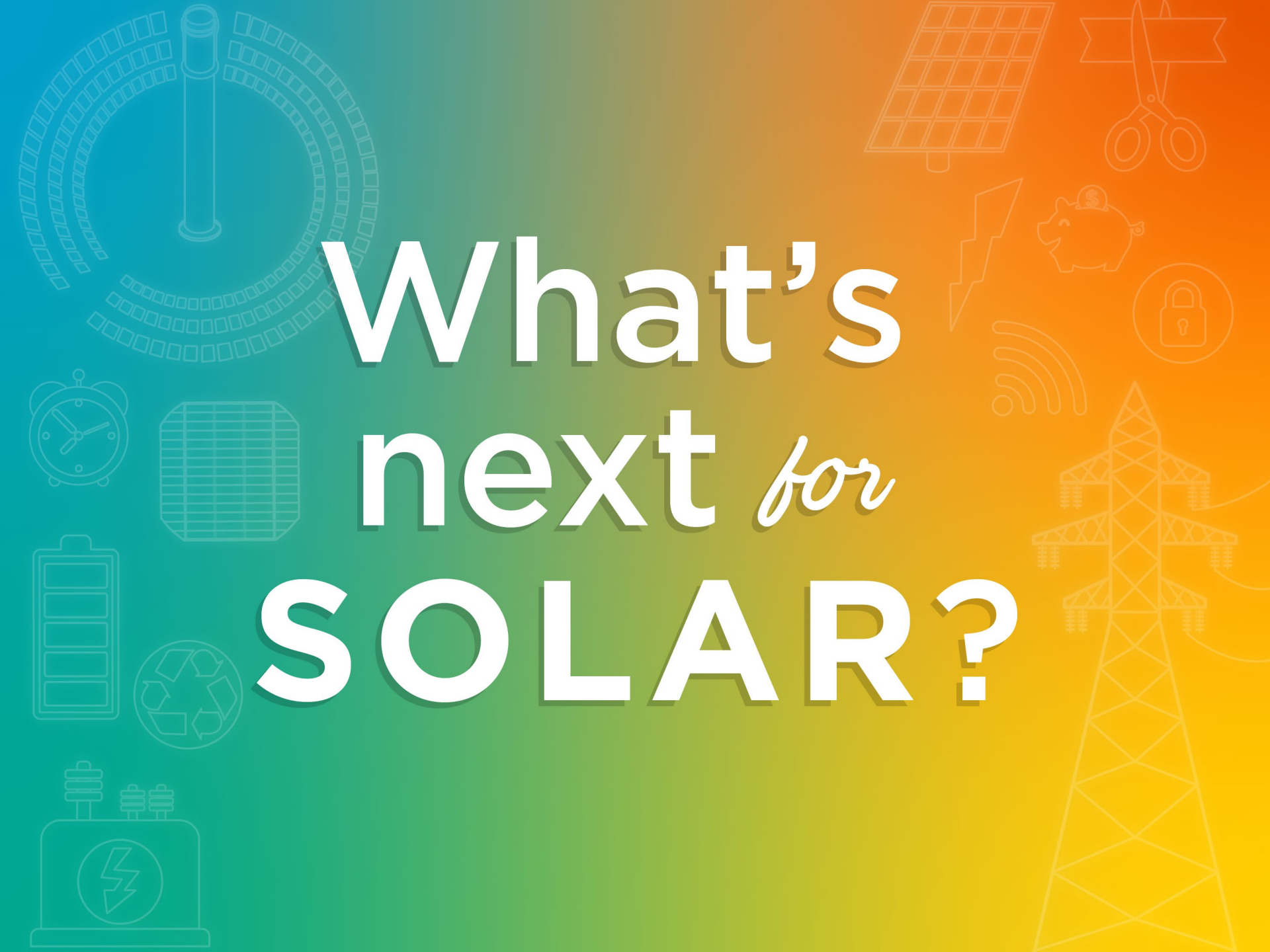
Please mute your phones and we'll begin momentarily


What's
next for
SOLAR?

Solar Energy Technologies Office FY2019 Funding Opportunity Announcement

Welcome!

- This webinar will provide an overview of the Department of Energy's Solar Energy Technologies Office (SETO) and our recently announced FY19 Funding Program
- All applicants are strongly encouraged to carefully read the Funding Opportunity Announcement (FOA) **DE-FOA-0002064** and adhere to the stated submission requirements.
- This presentation summarizes the contents of FOA. No new information on the FOA will be discussed in this webinar.
- There are no particular advantages or disadvantages to the application evaluation process with respect to participating on the webinar today. Your participation is completely voluntary.
- If there are any inconsistencies between the FOA and this presentation or statements from DOE personnel, the FOA is the controlling document and applicants should rely on the FOA language and seek clarification from EERE at SETO.FOA@ee.doe.gov.

Additional Webinars

SETO FY2019 FOA Webinars

FUNDING OPPORTUNITY ANNOUNCEMENT:
Solar Energy Technologies Office FY2019 (SETO FY2019)

April 2–5, 2019
Register now:
bit.ly/seto19webinars

Photovoltaics:	April 3, 2019 3:00 p.m. ET
Concentrating Solar-Thermal Power:	April 4, 2019 2:00 p.m. ET
Balance of Systems Soft Costs:	April 5, 2019 2:00 p.m. ET
Innovations in Manufacturing:	April 4, 2019 4:00 p.m. ET
Systems Integration:	April 3, 2019 2:00 p.m. ET
Full Application Process:	June TBD

Agenda

1) **Solar Energy Technologies Office Background**
2) FOA Overview
3) Award Information
   - Statement of Substantial Involvement
   - Cost Sharing
4) FOA Timeline
   - Concept Papers
   - Full Applications
   - Merit Review and Selection Process
5) Registration Requirements

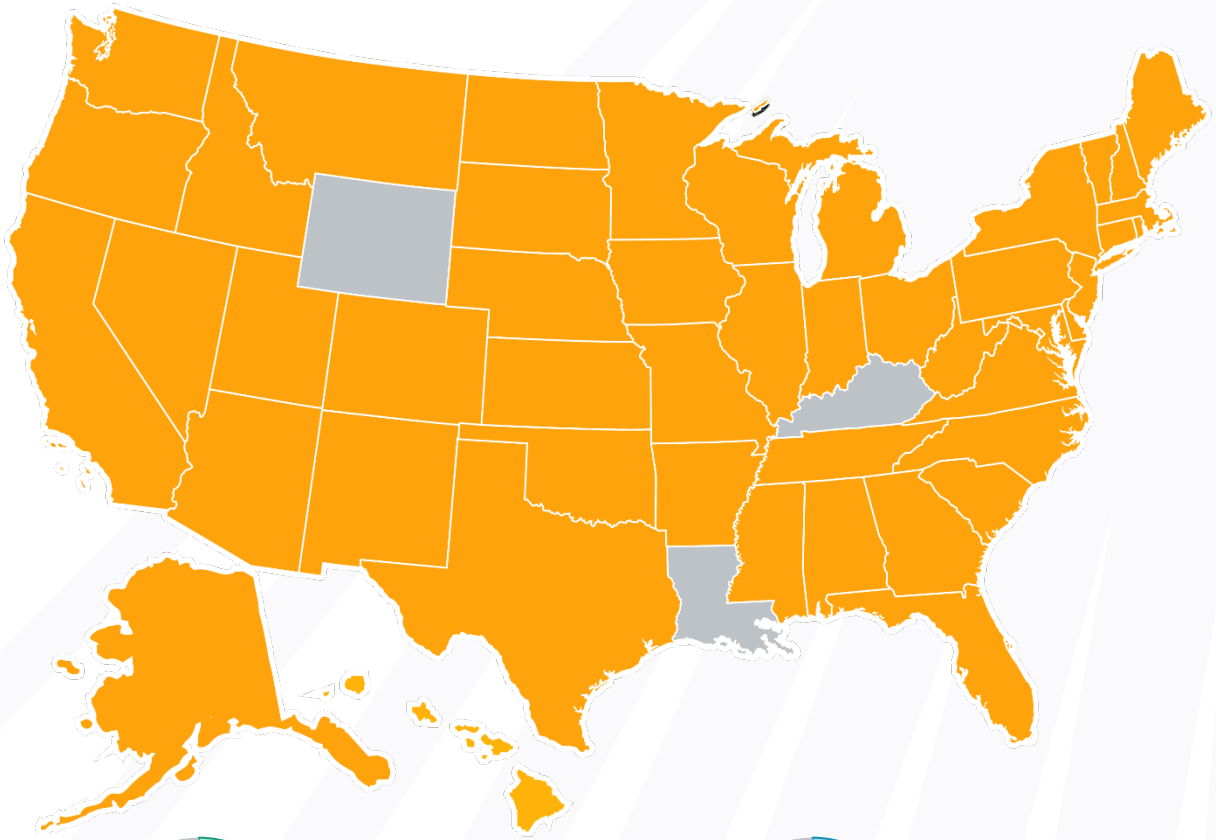
Solar Energy Technologies Office

WHAT WE DO: The U.S. Department of Energy's Solar Energy Technologies Office supports early-stage research and development of solar technologies while focusing on **grid reliability**, **resilience**, and **security**.

HOW WE DO IT: The office uses a competitive solicitation process to addresses critical research gaps, ensuring the solar industry has the technological foundations needed to **lower solar electricity costs**, **ease grid integration**, and **enhance the use and storage of solar energy**.

DOE Solar Office Funds 300+ Active Projects

Projects and partners in **47 states** plus the **District of Columbia**



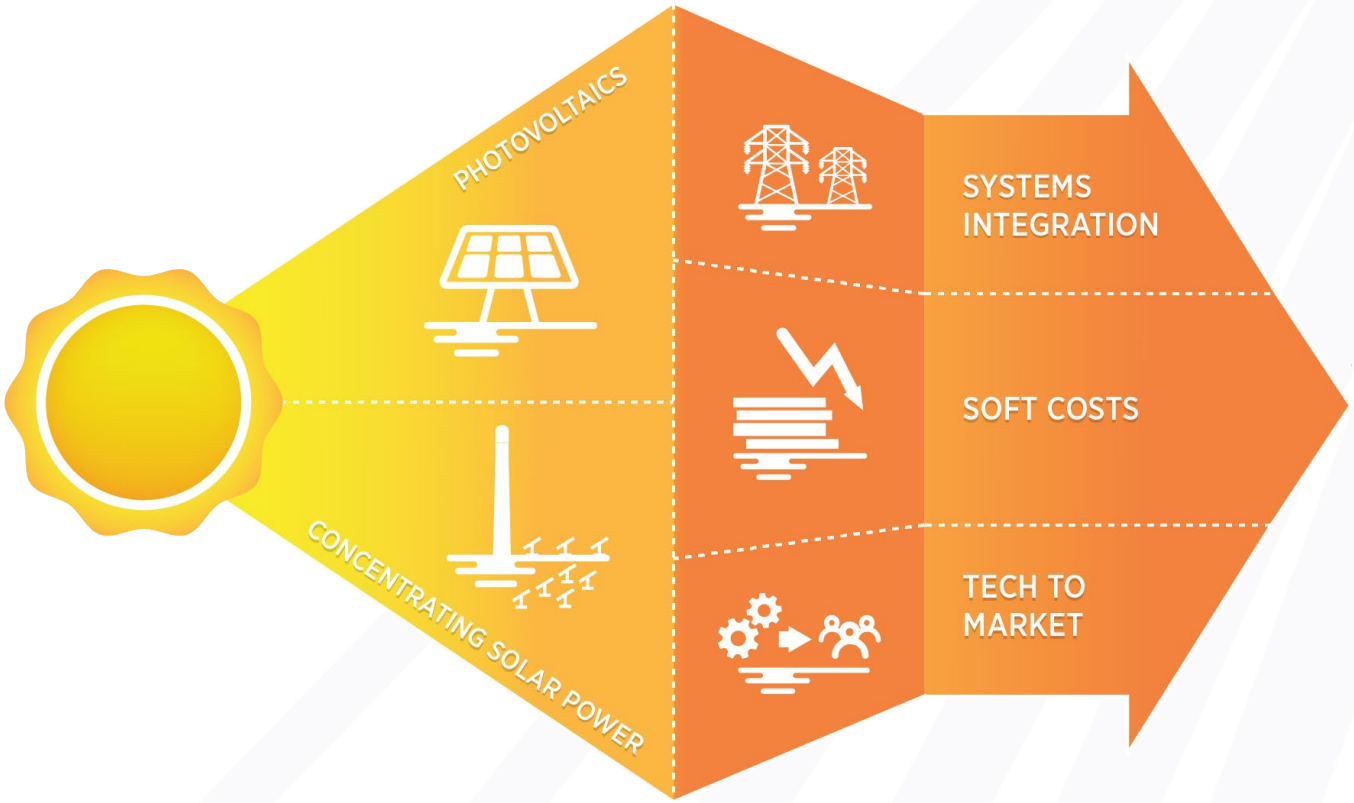
40% of projects at **national labs**

25% of projects with **universities**

35% of projects with **businesses & non-profits***

Note: SETO has funded past projects in Kentucky, Louisiana, and Wyoming.
*2% of state and local government
energy.gov/solar-office

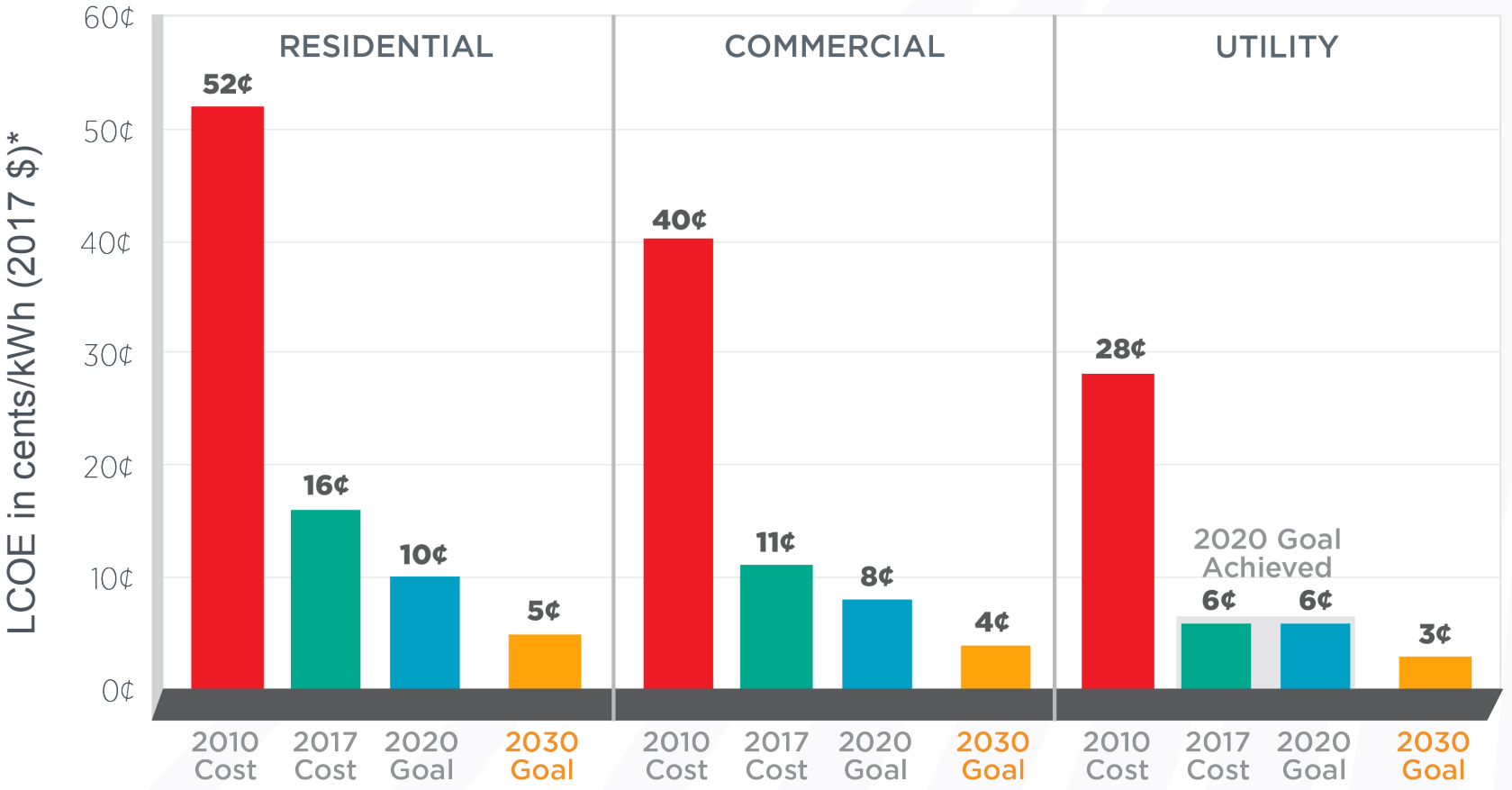
SETO Topic Areas



2030

SETO Cost Targets

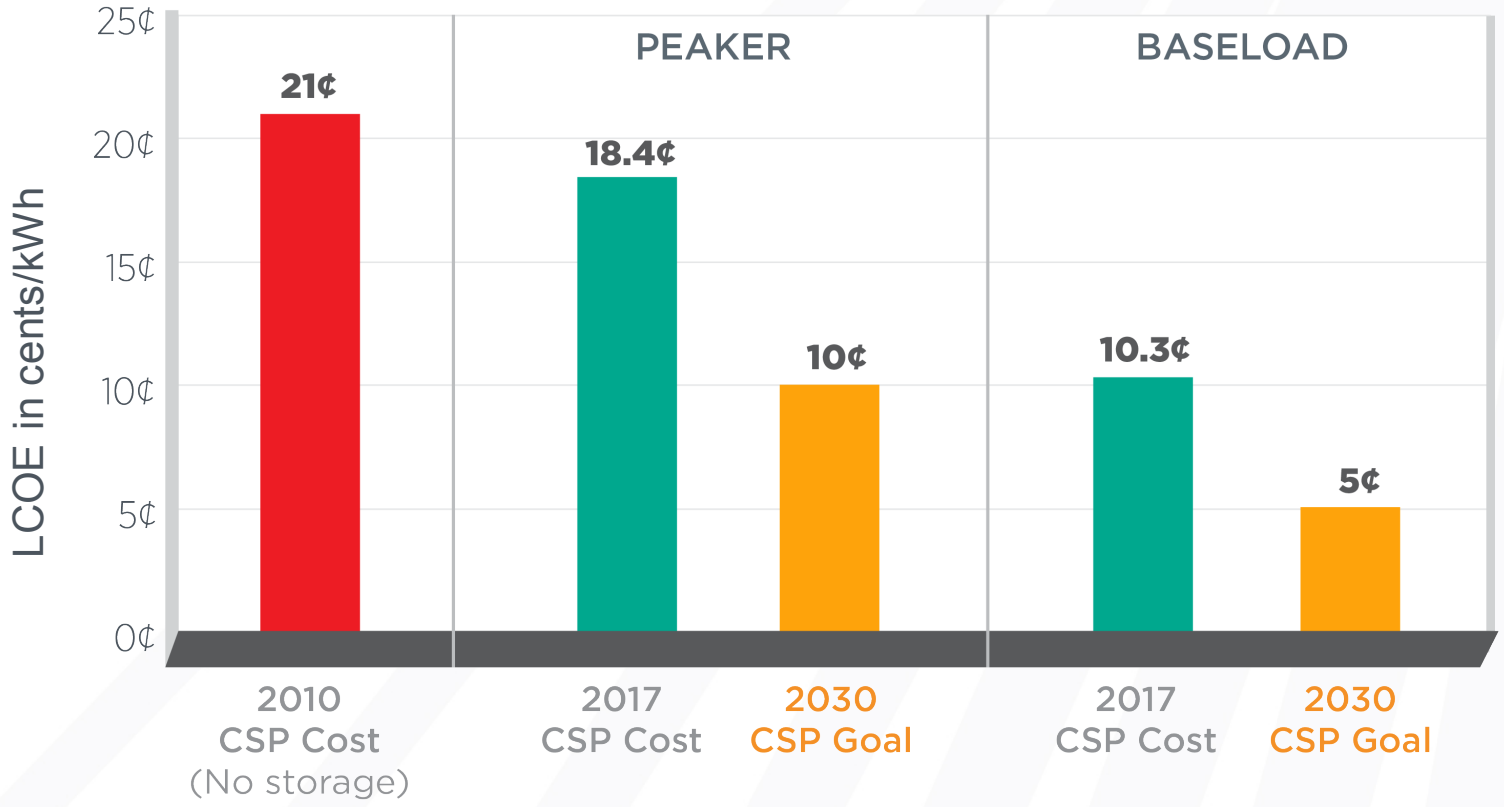
2030 Cost Goals Enable Double the Solar



*Levelized cost of electricity (LCOE) progress and targets are calculated based on average U.S. climate and without the ITC or state/local incentives. The residential and commercial goals have been adjusted for inflation from 2010-17.

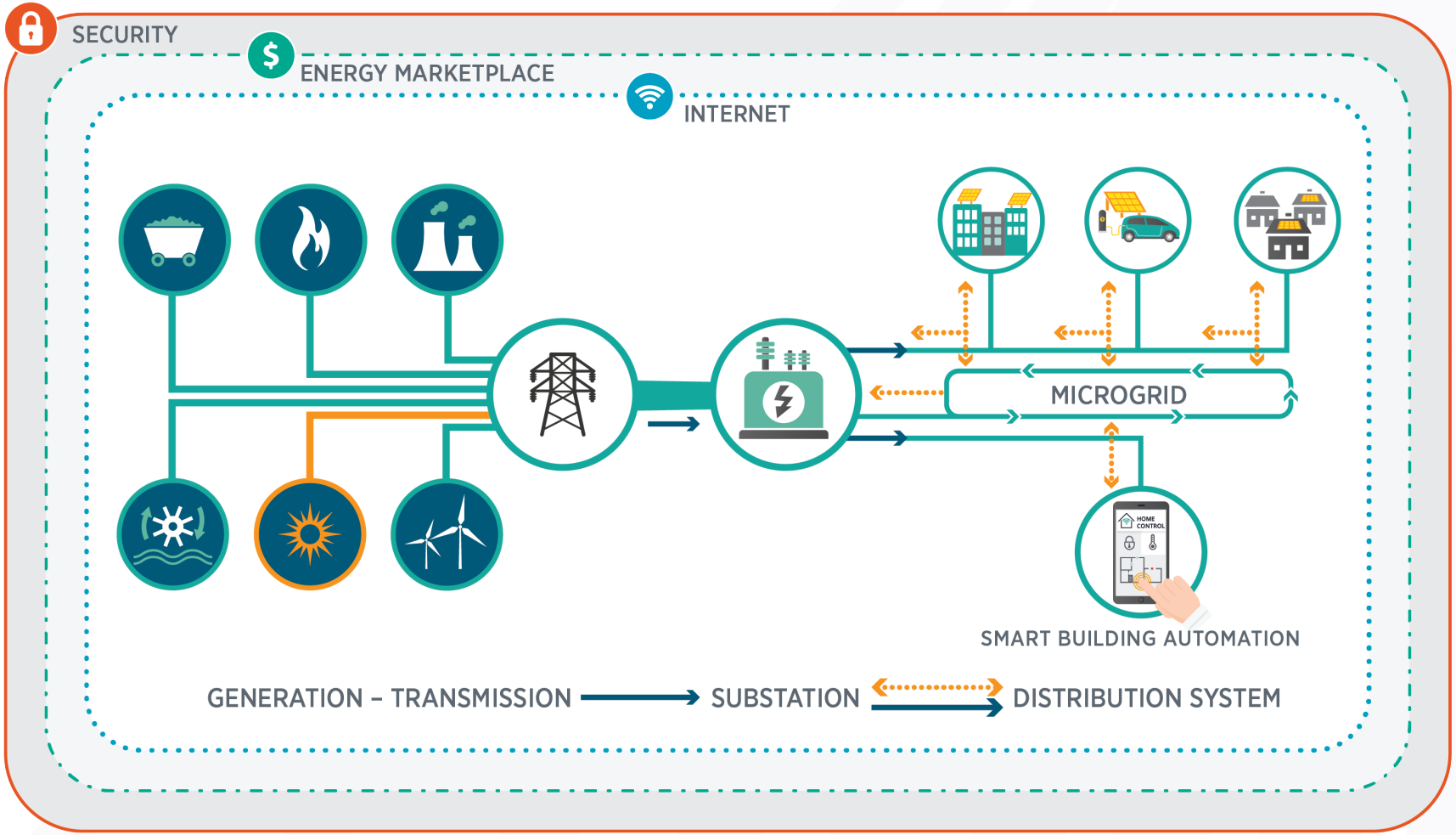
Progress and Goals: 2030 CSP Goal

The 2030 cost targets for CSP peaker (<6 hours of storage) and baseload (>12 hours of storage) plants will make CSP competitive with other dispatchable power generators.



New Challenges: Enabling Solar Integration with Modern Grid

Goal: Centralized and distributed generation optimized with finely tuned, 2-way load balancing



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What's next for SOLAR?

Achieving SETO's priorities across the solar energy technology landscape requires sustained, multifaceted innovation. For our FY19 Funding Program, the office intends to support high-impact, early-stage research in the following areas:

- **Topic 1: Photovoltaics Research and Development**
- **Topic 2: Concentrating Solar-Thermal Power Research and Development**
- **Topic 3: Balance of Systems Soft Costs Reduction**
- **Topic 4: Innovations in Manufacturing: Hardware Incubator**
- **Topic 5: Advanced Solar Systems Integration Technologies**

Topic 1 – Photovoltaics Research and Development

Topic 1: Photovoltaics Research Collaborations ($24 Million)

This topic will support several applied research collaborations. Teams of researchers from multiple institutions and/or companies will address vital problems that limit the performance, cost, and reliability of current PV technologies. They will tackle key challenges in commercially available technologies and invest in new materials that can lower the cost of PV-generated electricity.

Areas of Interest Include:

- Materials, Interfaces, and High-Efficiency Cell Development
- Advanced Photovoltaic Manufacturing Science and Technology
- System Optimization for Increased Energy Yield and Lower Operations and Maintenance Costs
- Perovskite Module Manufacturing and Long-Term Durability
- Low-Cost Substrates for Single-Crystal High-Efficiency Cells
- PV System Recycling and End-of-Life Management

Topic 1 – Photovoltaics Research and Development

Topic 1.2: Small Innovative Projects in Solar (SIPS) ($2 million)

- This topic will fund several high-risk, early-stage projects to seed new ideas for continued research.
- Projects will be targeted, well-defined, and able to produce significant results within the first year of performance.
- SETO is primarily interested in SIPS projects from novel and/or emerging areas of PV research that have the potential to produce dramatic progress toward a solar LCOE of $0.03 per kWh by 2030.
- Projects may address PV technologies at the system or component level.

Advances from these projects will ensure that the U.S. solar industry continues to be on the cutting edge of PV technology development.

Topic 2 – Concentrating Solar-Thermal Power Research and Development

This topic will support the development of thermal storage technologies that make solar energy available on-demand and advanced manufacturing and autonomous technologies to lower concentrating solar-thermal power (CSP) costs.

Topic 2.1: Firm Thermal Energy Storage ($11 million)

Concepts that expand the dispatchability and availability of CSP plants to provide value to grid operators. Thermal energy storage (TES) systems of interest include:

- Long-term TES systems that store energy for weekly or seasonal dispatch
- Pumped heat electricity storage for CSP and concepts that enable charging of TES via off-peak grid electricity
- Commercializing TES through projects that pursue near-term market adoption

Topic 2.2: Materials and Manufacturing ($11 million)

Solutions that reduce the cost of manufacturing CSP components, encourage the commercialization of new CSP technologies, and support the development of an agile, U.S.-based CSP manufacturing sector.

Topic 2.3: Autonomous CSP Collector Field ($11 million)

Solutions that enable a solar field that can fully operate without any human input, reducing costs and maximizing thermal energy collection efficiency.

Topic 3 – Balance of Systems Soft Costs Reduction

Topic 3.1: Collaborative Partnerships to Address Regulatory Burdens ($8 million)

This topic area encourages collaborative work between various jurisdictions and private-sector facilitators to develop comprehensive, sustainable solutions that enable the country's new and developing solar markets to tackle financing and permitting issues and implement best practices and lessons learned.

Areas of Interest Include:

- Rooftop solar and solar-plus-energy-storage permitting, inspection and interconnection challenges.
- Large-scale ground-mounted solar PV and CSP siting, permitting, and environmental impact.
- Addressing solar cybersecurity challenges through strategic plans, road maps, best practices, and other decision-making tools.
- Other soft cost drivers for challenging market segments and opportunities to leverage public-private partnerships.

Topic 3 – Balance of Systems Soft Costs Reduction

3.2: Data Collection Methods to Assess Avian Impacts ($4 million)

Projects in this topic will develop and validate innovative methods or technologies that can reduce the cost of collecting and sharing data necessary for assessing avian-solar interactions or mitigation strategies at utility-scale PV and/or CSP plants.

3.3: Increasing Solar Affordability through Innovative Solar Finance ($3 million)

This topic will support stakeholder and analytical approaches to increase solar affordability and expand solar access by developing new financing tools and/or mechanisms to help local financial institutions deploy their capital toward solar energy projects in their communities.

3.4: Rapid Solar Software Development ($2 million)

This topic provides seed funding needed to research, develop, and validate new software products or tools that address critical challenges associated with solar soft costs for residential, commercial, and industrial solar-energy customers.

Topic 4 – Innovations in Manufacturing: Hardware Incubator ($10 million)

This topic will support for-profit companies developing early-stage product ideas that have both a clear pathway to reducing solar electricity costs and the potential for rapid commercialization. Research will focus on the development of innovative and impactful technologies that support a strong U.S. solar manufacturing sector and supply chain.

Ideal Applicants:

- Start with an existing early-stage prototype and advance that prototype to a manufacturing and commercially relevant prototype where the research seeks to prove all functionality using pre-commercial manufacturing techniques.
- Are well positioned to attract follow-on investment in the transition to becoming self-supporting.

Areas of Interest:

- Advanced solar system integration technologies.
- Concentrating solar-thermal power technologies or components.
- PV technologies that improve the reliability, performance, and manufacturability.
- Technologies or solutions that use a hardware solution to reduce the balance-of-system cost of a PV system.

Topic 5 – Advanced Solar Systems Integration Technologies

This topic will support the development of technologies that will ease the integration of solar energy onto the nation's electricity grid and focus on how distributed generation can help provide additional value to system operators while increasing coordination and control of power electronics technologies.

5.1: Adaptive Distribution Protection ($14 million)

This topic will support research, development, and demonstration of adaptive protection solutions for distribution power systems with large amounts of PV and distributed energy resources (DER) connected to the grid.

5.2: Grid Services from Behind-the-Meter Solar and Other DER ($12 million)

This topic supports research, development, and validation of grid services by behind-the-meter solar co-located with other DER through innovative approaches for smart control and optimization technologies.

5.3: Advanced PV Controls and Cybersecurity ($18 million)

Projects should enhance the visibility and control of PV inverters and sensors, while improving the security of those devices from cyberattack. Areas of interest include:

- Innovative and scalable methods to integrate data measurements from PV inverters and sensors into utility information systems.
- Advanced controls for grid-forming inverters to establish system frequency and voltage.
- Cybersecurity capabilities for solar technology.

Non-Responsive Applications

The following types of applications will be deemed nonresponsive and will not be reviewed or considered for an award:

- Applications that fall outside the technical parameters specified in Section I.A or I.B of the FOA
- Applications for proposed technologies that are not based on sound scientific principles (e.g., violates the law of thermodynamics).
- Other topic areas designated specifically not of interest can be found within each Topic Area description in Section I.B. of the FOA.

Teaming Partner List

- To facilitate the formation of new project teams for this FOA, a Teaming Partner List is available at EERE Exchange.
- Any organization that would like to be included on this list should submit the following information to SETO.FOA@ee.doe.gov.
  - Organization name, contact name, contact address, contact email, and contact phone number
  - Organization type, area of technical expertise, topic area, and a brief description of capabilities
- By submitting this information, you consent to the publication of the above-referenced information.
- EERE expects to update the Teaming List at least every week
- **By facilitating this Teaming Partner List, EERE does not endorse or otherwise evaluate the qualifications of the entities that self-identify themselves for placement on the Teaming Partner List.**

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Award Information

Total Amount to be Awarded	Approximately $130 million*
Average Award Amount	EERE anticipates making awards that range from $200,000 to $5 million.
Types of Funding Agreements	• Cooperative Agreements** • Grants • Technology Investment Agreements • Work Authorizations • Interagency Agreements
Period of Performance	12 to 36 months***
Cost Share Requirement	20-50% of Total Project Costs

* Subject to the availability of appropriated funds

** Although all of the above funding types are available, EERE generally will fund cooperative agreements

*** Projects in Topic Area 1.1 may have an option to apply for an additional 2 years after the first 3 years.

Statement of Substantial Involvement

EERE has substantial involvement in work performed under awards made following this FOA. EERE does not limit its involvement to the administrative requirements of the award. Instead, EERE has substantial involvement in the direction and redirection of the technical aspects of the project as a whole. Substantial involvement includes, but is not limited to, the following:

- EERE shares responsibility with the Recipient for the management, control, direction, and performance of the Project.
- EERE may intervene in the conduct or performance of work under this award for programmatic reasons. Intervention includes the interruption or modification of the conduct or performance of project activities.
- EERE may redirect or discontinue funding the Project based on the outcome of EERE's evaluation of the Project at the Go/No Go decision point.
- EERE participates in major project decision-making processes.

Cost Sharing Requirements

- The cost share must be at least 20% of the total allowable costs for R&D projects and 50% of the total allowable costs for demonstration and commercial application projects and must come from non-federal sources unless otherwise allowed by law.*
- The following table illustrates the anticipated focus and required cost share for projects' demonstration activities, along with the anticipated time frames for each phase. Demonstration is an option for all projects in Topics 1, 2, 4, and 5 but may not be possible or applicable, depending on the technology, technology readiness level, or current regulations and market structures.**

	Budget Period 1	Budget Period 2	Budget Period 3
R&D projects without demonstration	Research and development (20% cost share)		
R&D projects with demonstration In Budget Period 3	Research and development (20% cost share)		Demonstration (50% cost share)

NOTE:

*The sum of the government share, including FFRDC costs if applicable, and the recipient share of allowable costs equals the total allowable cost of the project. See 2 CFR 200.306 and 2 CFR 910.130 for the applicable cost sharing requirements

** Any proposed project with demonstration is required to provide at least 50% cost share during the validation period See Appendix F of the FOA for further discussion of technology readiness levels.

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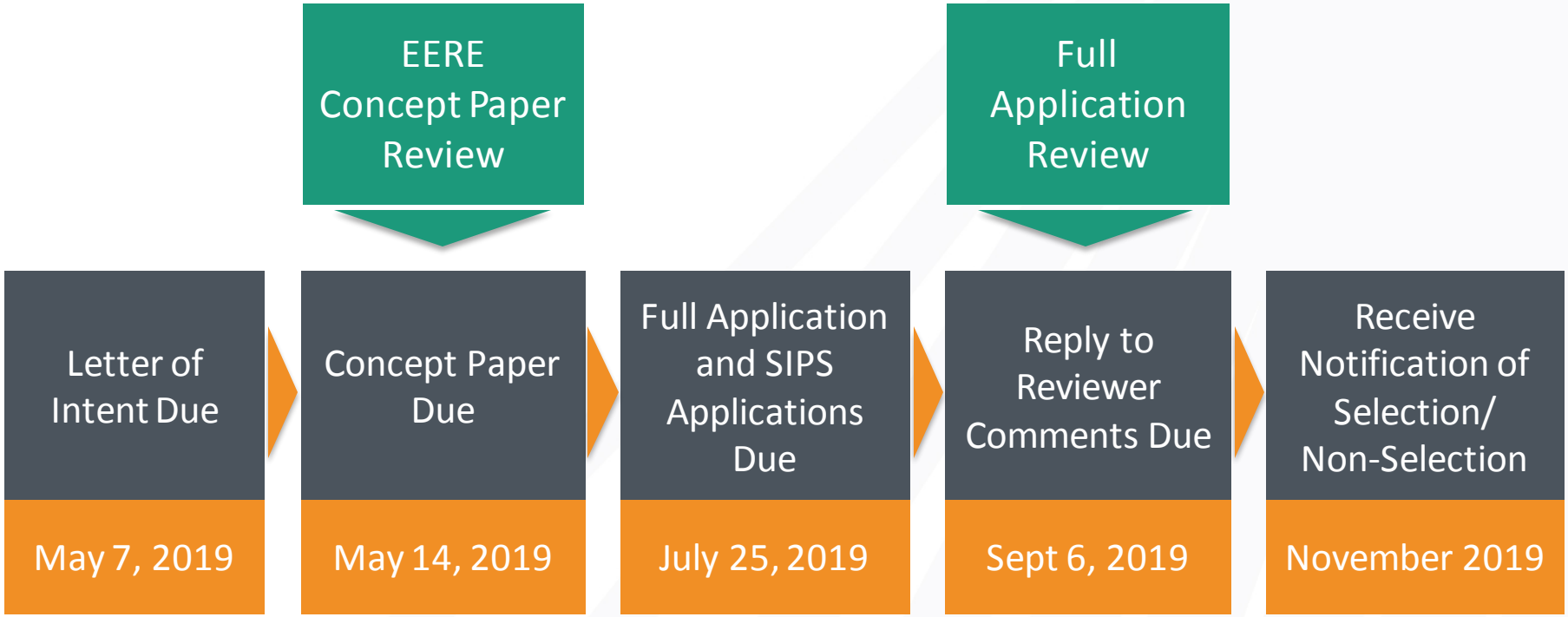
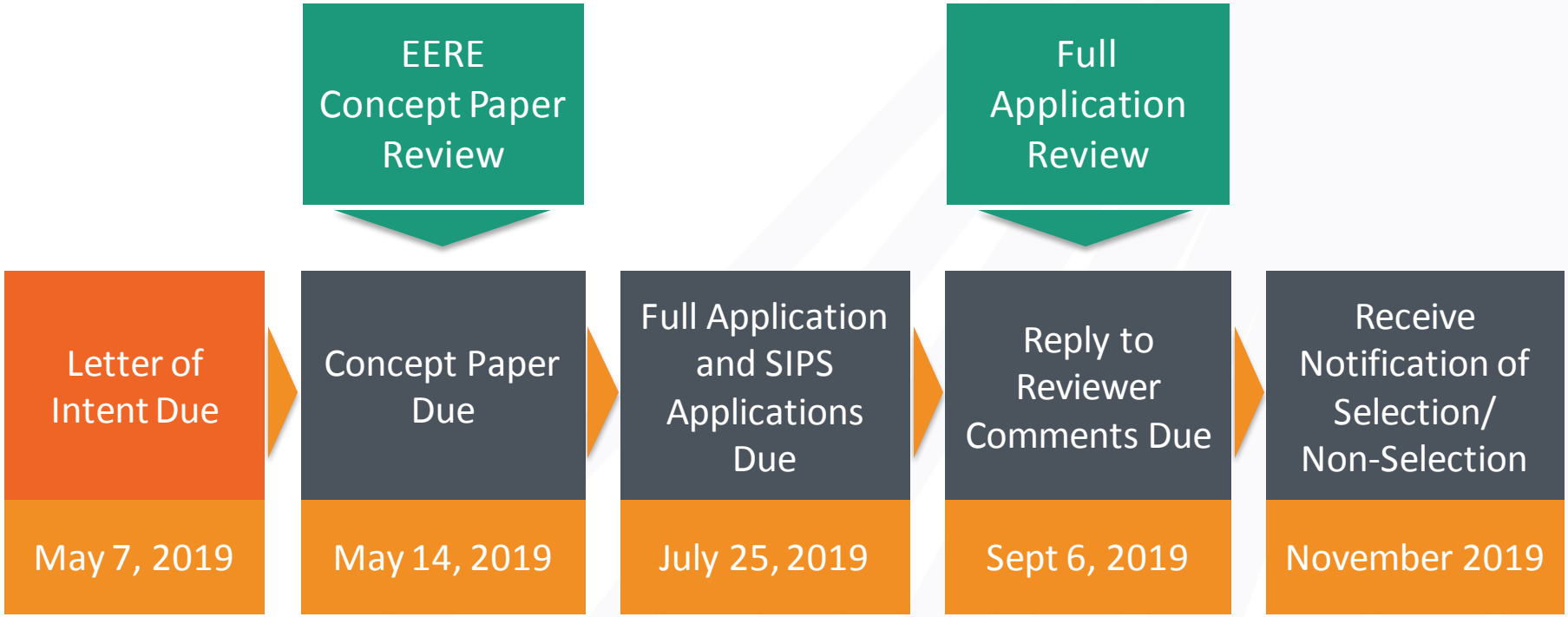
FOA Timeline



Expected Timeframe for Award Negotiations: November 2019 - February 2020

FOA Timeline

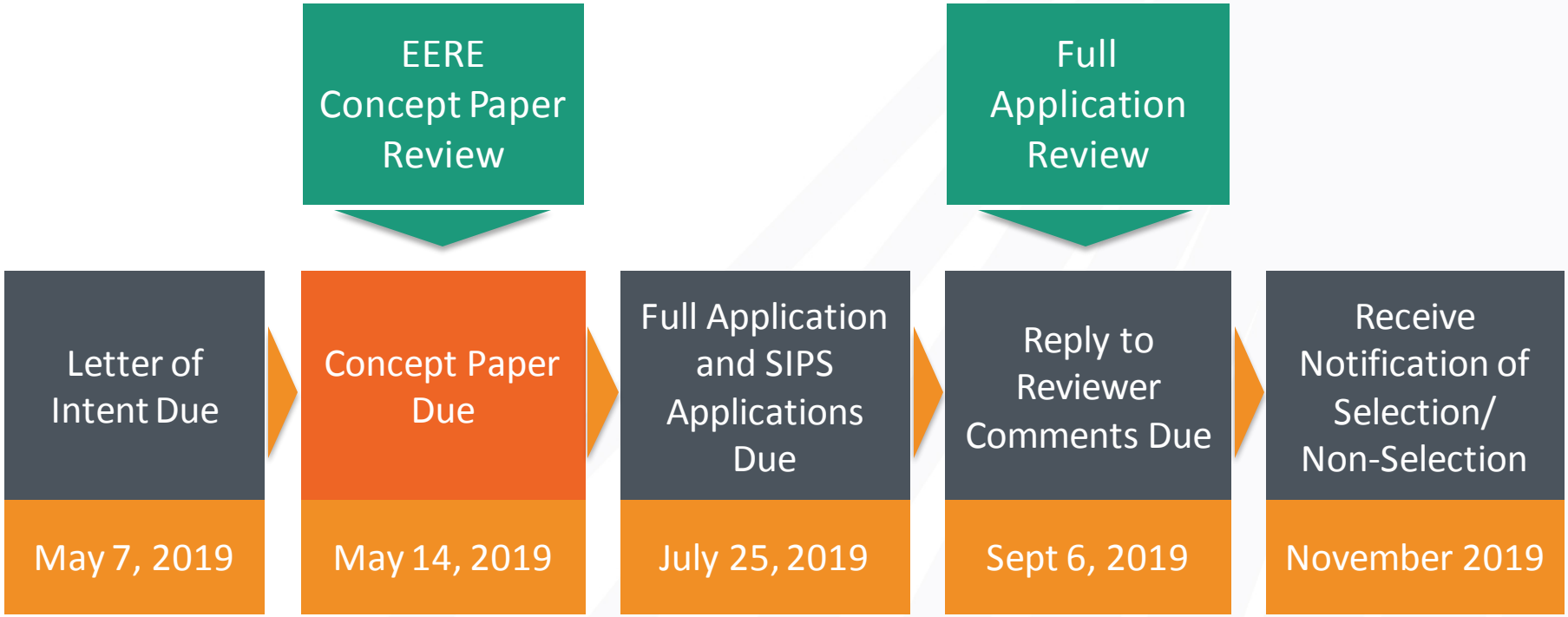


Expected Timeframe for Award Negotiations: November 2019 - February 2020

Required Letters of Intent

- Letters of Intent ("LOIs") are **REQUIRED to be submitted in EERE Exchange by May 7th** in order to be eligible to submit a Concept Paper and Full Application.
- To be considered:
  - The LOI must comply with the content and form requirements of Section IV.B.1 of the FOA, and
  - The applicant must enter all required information and click the "Create Submission" button in EERE Exchange by the deadline stated in the FOA.
- The LOIs should not contain any proprietary or sensitive business information.
- EERE will not provide notification of acceptance for Letters of Intent.

FOA Timeline



Expected Timeframe for Award Negotiations: November 2019 - February 2020

Concept Papers

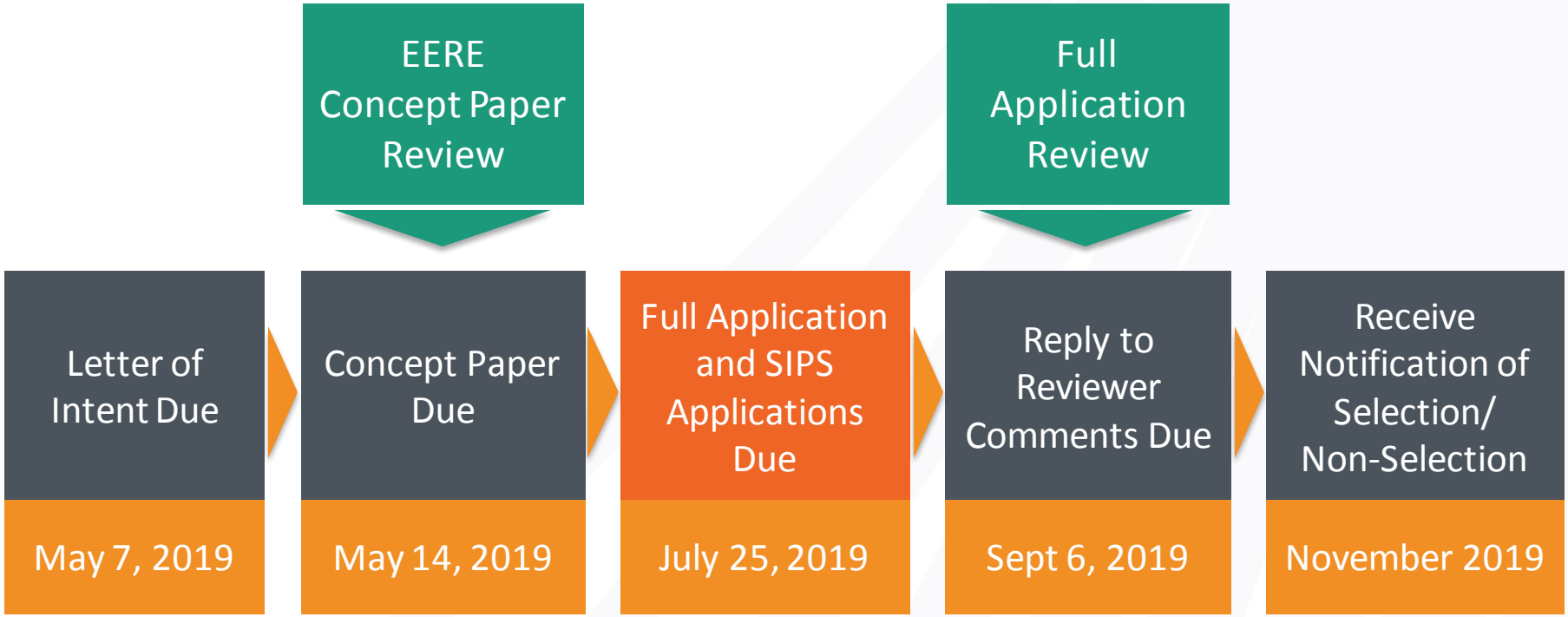
- Applicants must submit a Concept Paper
  - Each Concept Paper must be limited to a single concept or technology
- Section IV.D of the FOA states what information a Concept Paper should include and the page limits.
  - Failure to include the required content could result in the Concept Paper receiving a "discouraged" determination or the Concept Paper could be found to be ineligible
- Concept Papers must be submitted by May 14, 2019, through EERE Exchange
- EERE provides applicants with an "encouraged" or "discouraged" notification and the reviewer comments.
- Applicants to Topic Area 1.2: SIPS must resubmit their LOI for the Concept Paper stage in order to be eligible to submit a SIPS application for review.
- Please note that regardless of the date applicants receive the Encourage/Discourage notifications, the submission deadline for the Full Application remains the date stated on the FOA cover page.

Concept Paper Review

Concept Papers are evaluated based on consideration of the following factor. All sub-criteria are of equal weight.

- **Overall FOA Responsiveness and Viability of the Project** ***(Weight: 100%).***
  This criterion involves consideration of the following sub-criteria:
  - The applicant clearly describes the proposed technology, describes how the technology is unique and innovative, and how the technology will advance the current state-of-the-art
  - The applicant has identified risks and challenges, including possible mitigation strategies, and has shown the impact that EERE funding and the proposed project would have on the relevant field and application
  - The applicant has the qualifications, experience, capabilities and other resources necessary to complete the proposed project
  - The proposed work, if successfully accomplished, would clearly meet the objectives as stated in the FOA

FOA Timeline



Expected Timeframe for Award Negotiations: November 2019 - February 2020

Full Applications

The Full Application includes:

- **Technical Volume**
- **SF-424 Application for Federal Assistance**
- **SF-424A Budget & Budget Justification**
- **Summary for Public Release**
- **Summary Slide**
- **Other Administrative Documents:**
  - **Subrecipient Budget Justification,** if applicable
  - **DOE WP for FFRDC**, if applicable
  - **Authorization from cognizant Contracting Officer for FFRDC**, if applicable
  - **SF-LLL Disclosure of Lobbying Activities**
  - **Foreign Entity and Performance of Work in the United States waiver requests**, if applicable
- **U.S. Manufacturing Plan** (except for Topic 1.2 and Topic 3)

Full Application Eligibility Requirements

➢ **Applicants must submit a Full Application by July 25, 2019**

Full Applications are eligible for review if:

- ✓ The Applicant is an eligible entity Section III.A of FOA;
- ✓ The Applicant submitted an eligible Concept Paper;
- ✓ The Cost Share requirement is satisfied Section III.B of FOA;
- ✓ The Full Application is compliant Section III.C of FOA;
- ✓ The proposed project is responsive to the FOA Section III.D of FOA
- ✓ The Full Application meets any other eligibility requirements listed in Section III of the FOA.

Who is Eligible to Apply?

Eligible applicants for this FOA include*

1. U.S. citizens and lawful U.S. permanent residents
2. For-profit entities
3. Educational institutions
4. Nonprofits
5. State, local, and tribal government entities
6. DOE/National Nuclear Security Administration (NNSA)/Federally Funded Research and Development Centers (FFRDCs)

*Eligibility requirements apply to all applicants of this FOA, except:

- **Topic 1 Eligibility Restriction:** DOE and NNSA-FFRDC and national laboratories are not eligible to apply as prime recipients and may be included only as subrecipients on applications for Topic 1: Photovoltaics Research and Development.
- **Topic 4 Eligibility Restriction:** Eligibility is restricted to for-profit entities as the prime recipient of awards under Topic Area 4: Innovations in Manufacturing. Eligibility is restricted under Topic Area 4, because SETO believes that for-profit entities are the most likely entities to achieve the objectives required under this topic area, as they are the only entities with the capacity to rapidly commercialize new technologies related to innovations in manufacturing.

Note:

- The scope of work performed by the prime recipient shall not be less than the scope of work performed by the subrecipients who are ineligible to be prime applicants, as measured by the total project costs.
- Nonprofit organizations described in Section 501(c)(4) of the Internal Revenue Code of 1986 that engaged in lobbying activities after December 31, 1995, are not eligible to apply for funding.
- Prime Recipients must be incorporated (or otherwise formed) under the laws of a State or territory of the United States and have a physical location for business operations in the United States.
- For more detail about eligible applicants, please see Section III.A of the FOA

Multiple Applications

- An entity may submit more than one LOI, Concept Paper, and Full Application to this FOA, provided that each application describes a unique, scientifically distinct project and provided that an eligible LOI and Concept Paper was submitted for each Full Application.

Merit Review and Selection Process (Full Applications)

- The Merit Review process consists of multiple phases that each include an eligibility review and a thorough technical review
- Rigorous technical reviews are conducted by reviewers that are experts in the subject matter of the FOA
- Ultimately, the Selection Official considers the recommendations of the reviewers, along with other considerations such as program policy factors, to make the selection decisions

Technical Merit Review Criteria

Full and SIPS Applications (SIPS is Topic 1.2) will be evaluated against the merit review criteria shown below:

Criterion 1: Innovation and Impact (50% weight)

The project is innovative and impactful, assuming the stated outcomes can be achieved as written. The project is differentiated with respect to existing commercial products, solutions, or technologies. If successful, the project is scalable to have a broader impact and maintained at a sufficiently large scale after project completion.

Criterion 2: Quality and Likelihood of Completion of Stated Goals (30% weight)

The application demonstrates an understanding and appreciation of project risks and challenges the proposed work will face and incorporates reasonable assumptions related to the execution of the project (i.e. market size, customer participation, costs, speed of proposed scale-up or adoption). The information included for the project is validated through customer trials, data from prior work, report references, technical baselines established, etc. The stated goals of the project are SMART (Specific, Measurable, Achievable, Relevant, and Timely) and likely to be accomplished within the scope of this project. The proposed budget is reasonable to achieve the objectives proposed.

Criterion 3: Capability and Resources of the Applicant/Project Team (20% weight)

The team is well qualified and has the capability and resources necessary to successfully complete the project. The team (including proposed subrecipients) have the training and experience to achieve the final results on time and to specification. The project team is fully assembled and committed to the project (verified through letters of support) and has a demonstrated record of successful past performance.

Selection Factors

The Selection Official may consider the merit review recommendation, program policy factors, and the amount of funds available in arriving at selections for this FOA

Program Policy Factors

The Program Policy Factors for this FOA are:

- The degree to which:
  - The proposed project exhibits technological or programmatic diversity when compared to the existing DOE project portfolio and other projects selected from the subject FOA
  - The proposed project, including proposed cost share, optimizes the use of available EERE funding to achieve programmatic objectives
  - The proposed project will accelerate transformational technological, financial, or other advances in areas that industry by itself is not likely to undertake because of technical and financial uncertainty
  - The proposed project, or group of projects, represent a desired geographic distribution (considering past awards and current applications)
  - The proposed project avoids duplication/overlap with other publicly or privately funded work
  - The proposed project enables new and expanding market segments
  - The project promotes increased coordination with nongovernmental entities for demonstration of technologies and research applications to facilitate technology transfer
- The level of industry involvement and demonstrated ability to accelerate commercialization and overcome key market barriers
- Based on the commitments made in the U.S. Manufacturing Plan, the degree to which the proposed project is likely to lead to increased employment and manufacturing in the United States or provide other economic benefit to U.S. taxpayers

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Registration Requirements

- To apply to this FOA, Applicants must register with and submit application materials through EERE Exchange: https://eere-Exchange.energy.gov
- Obtain a "control number" at least 24 hours before the first submission deadline at https://eere-Exchange.energy.gov
- Although not required to submit an Application, the following registrations must be complete to received an award under this FOA:

Registration Requirement	Website
DUNS Number	http://fedgov.dnb.com/webform
SAM	https://www.sam.gov
FedConnect	https://www.fedconnect.net

- Applicants are also welcome to register in Grants.gov to receive automatic updates about the FOA

Means of Submission

- Letters of Intent, Concept Papers, Full Applications, and Replies to Reviewer Comments must be submitted through EERE Exchange at https://eere-Exchange.energy.gov
- EERE will not review or consider applications submitted through other means
- The Users' Guide for Applying to the Department of Energy EERE Funding Opportunity Announcements can be found at https://eere-Exchange.energy.gov/Manuals.aspx

Key Submission Points

- Check entries in EERE Exchange
  - Submissions could be deemed ineligible due to an incorrect entry
- EERE strongly encourages Applicants to submit 1-2 days prior to the deadline to allow for full upload of application documents and to avoid any potential technical glitches with EERE Exchange
- Make sure you hit the submit button
  - Any changes made after you hit submit will un-submit your application and you will need to hit the submit button again
- For your records, print out the EERE Exchange Confirmation page at each step, which contains the application's Control Number

Applicant Points-of-Contact

- Applicants must designate primary and backup points-of-contact in EERE Exchange with whom EERE will communicate to conduct award negotiations

- It is imperative that the Applicant/Selectee be responsive during award negotiations and meet negotiation deadlines
  - Failure to do so may result in cancellation of further award negotiations and rescission of the Selection

Questions

- Questions about this FOA? Email SETO.FOA@ee.doe.gov
- All Q&As related to this FOA will be posted on EERE Exchange
  - You must select this specific FOA Number in order to view Q&As
  - EERE will attempt to respond to a question within 3 business days, unless a similar Q&A is already posted on the website
- Problems logging into EERE Exchange or uploading and submitting application documents with EERE Exchange? Email EERE-ExchangeSupport@hq.doe.gov
  - Include FOA name and number in subject line
- All questions asked during this presentation will be posted on EERE Exchange

THANK YOU FOR PARTICIPATING IN THIS WEBINAR

Appendix

Cost Share Contributions

- Contributions must be:
  - Specified in the project budget
  - Verifiable from the Prime Recipient's records
  - Necessary and reasonable for proper and efficient accomplishment of the project
- If you are selected for award negotiations, every cost share contribution must be reviewed and approved in advance by the Contracting Officer and incorporated into the project budget before the expenditures are incurred
- Please note, vendors/contractors may NOT provide cost share. Any partial donation of goods or services is considered a discount and is not allowable.

Allowable Cost Share

- Cost Share must be allowable and must be verifiable upon submission of the full application
- Refer to the following applicable Federal cost principles:

Entity	Cost Principles
For-profit entities	FAR Part 31 http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/31.htm
All other non-federal entities	2 CFR Part 200 Subpart E - Cost Principles https://www.ecfr.gov/cgi-bin/text-idx?node=2:1.1.2.2.1.5&rgn=div6

- **Cash Contributions**: May be provided by the Prime Recipient, Subrecipients, or a Third Party (may not be provided by vendors/contractors)

- **In-Kind Contributions**: Can include, but are not limited to: the donation of space or use of equipment.

Unallowable Cost Share

The Prime Recipient may **NOT** use the following sources to meet its cost share obligations including, but not limited to:

- Revenues or royalties from the prospective operation of an activity beyond the project period
- Proceeds from the prospective sale of an asset of an activity
- Federal funding or property
- Expenditures reimbursed under a separate Federal Technology Office
- The same cash or in-kind contributions for more than one project or program
- Vendor/contractor contributions

Cost Share Payment

- Recipients must provide documentation of the cost share contribution, incrementally over the life of the award
- The cumulative cost share percentage provided on **each invoice** must reflect, at a minimum, the cost sharing percentage negotiated
- In limited circumstances, and where it is in the government's interest, the EERE Contracting Officer may approve a request by the Prime Recipient to meet its cost share requirements on a less frequent basis, such as monthly or quarterly. See Section III.B.7 of the FOA.

Replies to Reviewer Comments

- EERE provides applicants with reviewer comments
- Applicants are not required to submit a Reply - it is optional
- To be considered by EERE, a Reply must be submitted by September 6, 2019 and submitted through EERE Exchange
- Content and form requirements:

Section	Page Limit	Description
Text	3 pages max	Applicants may respond to reviewer comments or supplement their Full Application with graphs, charts, or other data.

Pre-Selection Interviews

- EERE may invite one or more applicants to participate in Pre-Selection Interviews
- All interviews will be conducted in the same format
- EERE will not reimburse applicants for travel and other expenses relating to the Pre-Selection Interviews, nor will these costs be eligible for reimbursement as pre-award costs
- Participation in Pre-Selection Interviews with EERE does not signify that applicants have been selected for award negotiations