

## 2024 Renew America's Schools Prize - Office Hours #1

April 24, 2024

Renew America's Schools Program

Bipartisan Infrastructure Law (BIL)

## **Notice**

- Participation in today's webinar will not convey any advantages or disadvantages in the application evaluation process.
- Your participation is completely <u>voluntary</u>.



## Welcome

Please note that video and speaking capability has been disabled for attendees.

We will address some, but not all, questions posted in the chat with approved and published answers.

Please direct questions during this webinar to the Q&A feature. Questions will be captured and posted with answers in the DOE Q&A Spreadsheet linked in the FAQ section on HeroX.

Live questions will not be answered during the webinar itself.

This Office Hours is being recorded and will be published on the HeroX prize page.

A copy of today's slides will be posted on HeroX within 2-3 business days of the webinar.

Please be careful not to submit any language that might be business sensitive, proprietary

https://www.herox.com/renewschoolsprize

or confidential.

## **Notice**



- Carefully read the <u>Official Rules</u> and adhere to the submission requirements
- If inconsistencies exist between the Official Rules and this presentation, or statements from DOE personnel, the official documents are the controlling items.

- Official Rules: <u>2024 Renew America's Schools</u>
   <u>Prize | HeroX</u>
- If you have questions, please email schools@doe.gov

## Agenda

- Overview 2024 Renew America's Schools Prize
- Program Partnerships Scenarios
- III. Portfolio Examples of Schools/School Facilities
- IV. Q&A Highlights
- V. Navigating the Q&A
- VI. Conclusion: Key Reminders

I. Overview - 2024 Renew America's Schools Prize

# **Anticipated Schedule**

Milestone	Date
Prize Issue Date:	March 20, 2024
Office Hour #2:	May 29, 2024 @ 2 p.m. ET
Submission Deadline:	June 13, 2024 by 5 p.m. ET
Expected DOE Selection Notifications:	August 2024 (anticipated)
Expected Timeframe for Cooperative Agreement Negotiations:	Starting in Fall 2024 (anticipated)

The application is a one-step process and does NOT include a Concept Paper.

## **2024** Renew America's Schools Overview = \$180M across 3 Phases



PHASE 1

Prize
PORTFOLIO + TEAM

PHASE 2

Cooperative
Agreement
STRATEGIC PLAN + ENERGY AUDITS

PHASE 3

Cooperative Agreement

Number of Anticipated Awardees

Up to 23 winners. Minimum of 10 schools per portfolio selected.

**Award** 

\$300K cash prize each

\$500K - \$1M\*

\$7M - \$14M\*

**Cost Share** 

No cost share required

Minimum 5%

Minimum 25%

Total Award Funding (\$180M)

Up to \$6.9M

\$10 - \$15M

\$150 - \$170M





## Phase 1: Portfolio + Team



PHASE 1 (PRIZE): Portfolio + Team
Up to 23 Winners at \$300,000 cash prize each

In Phase 1 ("Portfolio + Team"), competitors will identify a minimum of 10 schools/school facilities to be included in their application. The portfolio may span multiple LEAs. The portfolio should exhibit a high need for energy assessments and, ultimately, energy improvements.

The goal of Phase 1 is for competitors to successfully assemble their project team, assemble their portfolio of school facilities, demonstrate the need for energy improvements at schools and school facilities in the defined portfolio, and outline their process to complete the tasks in Phase 2.

Based on successful completion of Phase 1, winners will be invited to enter into negotiations with DOE for a Cooperative Agreement. Negotiations for Cooperative Agreement will require additional steps as outlined in the next few slides.

Refer to the Official Prize Rules at <a href="https://www.herox.com/renewschoolsprize/resources">https://www.herox.com/renewschoolsprize/resources</a>.

## **Phase 2: Strategic Plan + Energy Audits**



PHASE 2 (COOPERATIVE AGREEMENT): Strategic Plan + Energy Audits \$500,000 to \$1,000,000 per recipient

ONLY winners from the Phase 1 Prize will be eligible to negotiate with DOE to receive a Cooperative Agreement for Phase 2 and Phase 3 funding. Phase 2 ("Strategic Plan + Energy Audits") will be synonymous with Budget Period 1 of the Cooperative Agreement. Funding in Phase 2 will reimburse Grantees for costs associated with energy audits and strategic planning and design. DOE will allocate a set amount of funding per grantee, determined by the number of schools or school facilities submitted in their Phase 1 application.

Goal of Phase 2: Recipients conduct The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Level 2 energy audits of all the schools/school facilities in the portfolio and develop a comprehensive Strategic Plan for implementing energy improvements. Energy audits and the Strategic Plan should provide schools with clear pathways to prioritize energy improvements, access private sector funding and/or tax credits, and realize high-impact health and safety benefits.

Refer to the Official Prize Rules at <a href="https://www.herox.com/renewschoolsprize/resources">https://www.herox.com/renewschoolsprize/resources</a>.

## **Phase 3: Implementation**



PHASE 3 (COOPERATIVE AGREEMENT): Implementation \$7,000,000 to \$14,000,000 per recipient

Phase 3 ("Implementation") will be synonymous with Budget Period 2 of the Cooperative Agreement. In Phase 3, DOE will allocate a set amount of funding per grantee, determined by the number of schools/school facilities submitted in their Phase 1 application.

Goal of Phase 3: Recipients oversee implementation of the energy improvements identified at the end of Phase 2. DOE will work with Recipients to ensure high-priority energy improvements are implemented within the allotted budget for Phase 3. Phase 3 should directly advance the measurable goals of energy savings and high impact health and safety benefits outlined in Phase 1.

Refer to the Official Prize Rules at <a href="https://www.herox.com/renewschoolsprize/resources">https://www.herox.com/renewschoolsprize/resources</a>.

II. Program Partnership Scenarios

## **Example Scenario 1: LEA as Prime**

**EXAMPLE SCENARIO 1: LEA AS PRIME** 

### **Local Educational** Agency (LEA)



PHASE 1

#### Prize

**PORTFOLIO + TEAM** 

**DOE Funds = \$300K** 

Portfolio identifies 10 schools in Disadvantaged Communities (DACs) with high energy costs.

PHASE 2

#### **Cooperative Agreement**

STRATEGIC PLAN + ENERGY AUDITS

DOE Funds = \$500K

Cost Share (5%) = \$26K

All 10 schools receive an energy analysis, details of Energy Conservation Measures (ECMs), and a financial analysis for pay back through IRS Elective Pay.

PHASE 3

#### **Cooperative Agreement**

**IMPLEMENTATION** 

DOE Funds = \$7M

Cost Share (25%) = \$2.3MTotal Project Costs = \$9.3M

LEAs pay a 25% cost share for solar and geothermal securing private sector bridge financing. Schools receive support in applying for **elective** pay to receive the tax credit to pay down the private loan quickly. DOE shares the process for direct pay with schools nationwide.





# **Example Scenario 2: LEA as PRIME, Multiple-LEA Portfolio**

**EXAMPLE SCENARIO 2: LEA AS PRIME, MULTIPLE-LEA PORTFOLIO** 

# **Local Educational Agency (LEA)**



PHASE 1

#### **Prize**

PORTFOLIO + TEAM

DOE Funds = \$300K

Portfolio identifies 21 schools with high energy costs and failing systems.



#### **Cooperative Agreement**

STRATEGIC PLAN + ENERGY AUDITS

DOE Funds = \$1M

Cost Share (5%) = \$52K

All 21 schools receive an **energy analysis**, details of Energy Conservation Measures (ECMs), and a financial analysis for pay back through **IRS Elective Pay**.

#### PHASE 3

#### **Cooperative Agreement**

**IMPLEMENTATION** 

#### DOE Funds = \$14M

Cost Share (25%) = \$4.6M Total Project Costs = \$18.6M

LEA pays a **25% cost share** for efficiency retrofits, solar, and geothermal through private sector bridge financing. LEA applies for **elective pay** to receive the tax credit to pay down the private loan quickly. DOE shares the process for direct pay **with schools nationwide**.





The example scenarios are hypothetical and not intended to be used as baseline requirements.

## **Example Scenario 3: ESCO as Prime, Multiple-LEA Portfolio**



# **Energy Service Company (ESCO)**



PHASE 1

#### Prize

**PORTFOLIO + TEAM** 

DOE Funds = \$300K

Portfolio identifies 15 schools that are 70 years and older in Disadvantaged Communities (DACs).

PHASE 2

#### **Cooperative Agreement**

STRATEGIC PLAN + ENERGY AUDITS

DOE Funds = \$750K

Cost Share (5%) = \$39K

All 15 schools receive Level 2 ASHRAE **energy audits** to identify cost-saving Energy Conservation Measures (ECMs) for an Energy Savings Performance Contract (ESPC).

PHASE 3

### **Cooperative Agreement**

**IMPLEMENTATION** 

**DOE Funds = \$10.5M** 

Cost Share (50%) = \$10.5M Total Project Costs = \$21M

Through an ESPC, a **50% cost share** for **geothermal heat pumps, building controls, and electric vehicle chargers** is provided. Schools see a **35% energy cost savings**. Schools may receive additional funding through **elective pay** to buy down the loan.





The example scenarios are hypothetical and not intended to be used as baseline requirements.

## Example Scenario 4: Owner's Rep as Prime, Multiple-LEA Portfolio



Prize

PORTFOLIO + TEAM

**DOE Funds = \$300K** 

Portfolio identifies 10 schools in Disadvantaged Communities (DACs) with high energy costs.

## **Cooperative Agreement**

STRATEGIC PLAN + ENERGY AUDITS

**DOE Funds = \$500K** 

Cost Share (5%) = \$26K

All 10 schools receive an energy analysis, details of Energy Conservation Measures (ECMs), and a financial analysis for pay back through IRS Elective Pay.

#### **Cooperative Agreement**

**IMPLEMENTATION** 

DOE Funds = \$7M

Cost Share (25%) = \$2.3MTotal Project Costs = \$9.3M

Local Educational Agencies (LEAs) pay a 25% cost share for solar and geothermal with the Owner's Rep securing private sector bridge financing. Schools receive application support for elective pay to receive the tax credit and pay down the private loan quickly. DOE shares the process for direct pay with schools nationwide.



The example scenarios are hypothetical and not intended to be used as baseline requirements.

III. Examples of Schools/School Facilities

## Reminder: Portfolio Minimum

- In Phase 1 ("Portfolio + Team"), competitors will identify a minimum of 10 schools/school facilities to be included in their application. The portfolio may span multiple LEAs. (See Prize Rules Section 0.0)
- Winners will receive funding based on portfolio size. (shown in graphic below)



## **Example 1 - Current Recipient**

#### White River School District

White River, South Dakota

- 1 campus with 3 connected schools.
- Rural, remote, serving Tribal communities.
- Considered 3 schools.



## **Example 2 - Current Recipient**

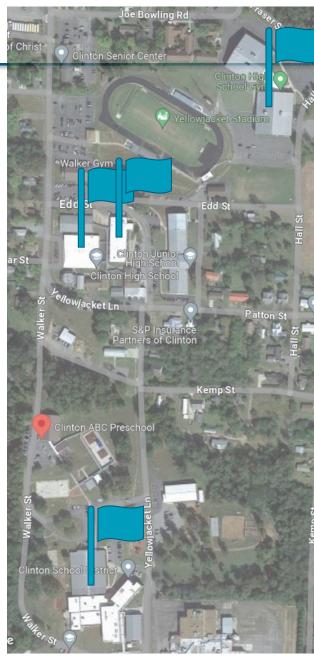
#### **Clinton School District**

Clinton, Arkansas

- High School, Junior High, Elementary School, High School Auditorium/Gym
- Rural, remote
- Considered <u>4 school facilities.</u>

High School Auditorium/Gym

High School Junior High



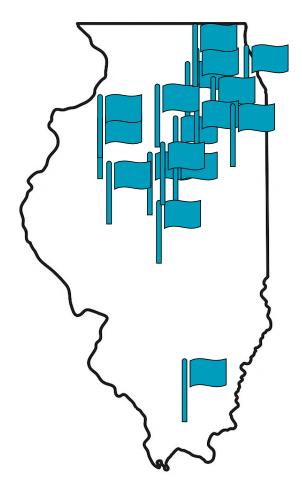
Elementary School

## **Example 3 - Current Recipient**

# Public School Bus-to-Grid Assisted Resilient Microgrids at Illinois School Districts

Multiple LEAs, Illinois

- 16 Local Educational Agencies (LEAs) located across a large geographic area.
- LEAs mostly small and rural.
- Considered <u>16 school facilities</u>.

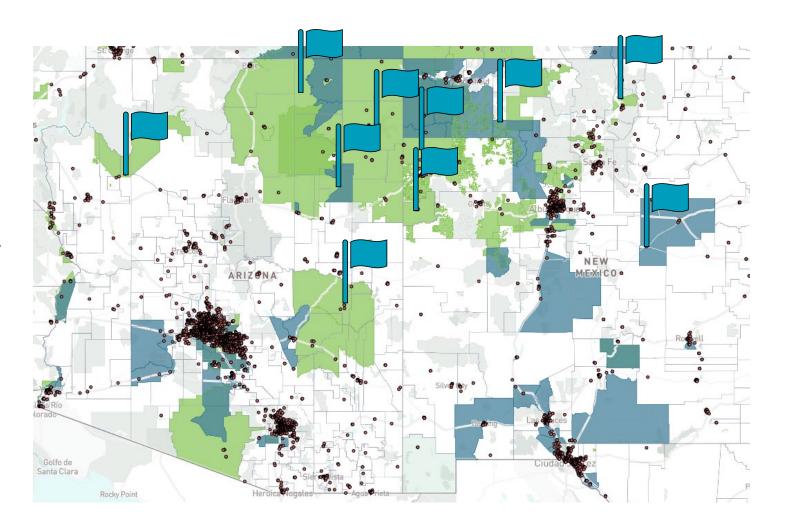


# **Example 4 - Rural and Tribal**

#### Rural and Tribal Partnership

Arizona and New Mexico

- Xxx
- Rural and Tribal
- Considered <u>10 school facilities.</u>



IV. Q&A Highlights

## **Q&A Highlights: Eligibility**



QUESTION: Are LEAs with fewer than 10 school/school facilities able to apply?

*Answer:* Each application must include a minimum of 10 school/school facilities; however, the portfolio may span multiple LEAs and there is no regional limitation or restriction.

QUESTION: Do portfolio schools and/or their LEAs have to be geographically proximal?

Answer: DOE does not mandate portfolio schools and/or their LEAs to be geographically connected or close.

*QUESTION:* There is a reference that Districts need to have between 10-14 school buildings, yet we only have 6. Are we eligible for this grant opportunity?

*Answer:* The change in minimum portfolio size does not limit or prohibit smaller school districts and/or schools from applying. As an example, five smaller school districts could partner together that each have two school/school facilities that would make an eligible submission to meet the minimum portfolio size.



## **Q&A Highlights: Energy Audits**

#### QUESTION: Are energy audits required in the application stage?

Answer: Energy audits are not required in the Prize application. Competitors must use DOE's School Energy Assessment (SEA) Form to generate a facility condition report, which is a needs assessment of the current condition of the school and school facilities that would receive the energy improvements. For more information on the SEA Form, see the Official Prize Rules Section 1.6.3. ASHRAE Level 2 Energy Audits will be required as part of Phase 2.

*QUESTION:* If we have essentially already completed ASHRAE level 2 audits through an ESPC (ESCO) process but have not done any implementation, are we still eligible to apply for the Phase 1 Prize and move through to Phase 2 and Phase 3 Implementation?

Answer: We encourage all eligible applicants to apply regardless of where they are in their planning process. We encourage you to read through the **Official Prize Rules Section 2.4** as there are more requirements than just Energy Audits in Phase 2.

## **Q&A Highlights: Tax Credits**



*QUESTION:* Can we use the estimated direct pay or other rebates as part or whole of our cost share? *Answer:* This program seeks applications that not only address the need for energy efficiency and renewable energy upgrades, but also create innovative and sustaining partnerships, leverage funding and economies of scale, and provide replicable and scalable models for sector-wide change. Stacking funds and leveraging tax credits and/or private sector capital are encouraged. (Refer to Appendices B-E. Section XX.)

#### *QUESTION:* As tax-exempt entities, how would the tax credit work?

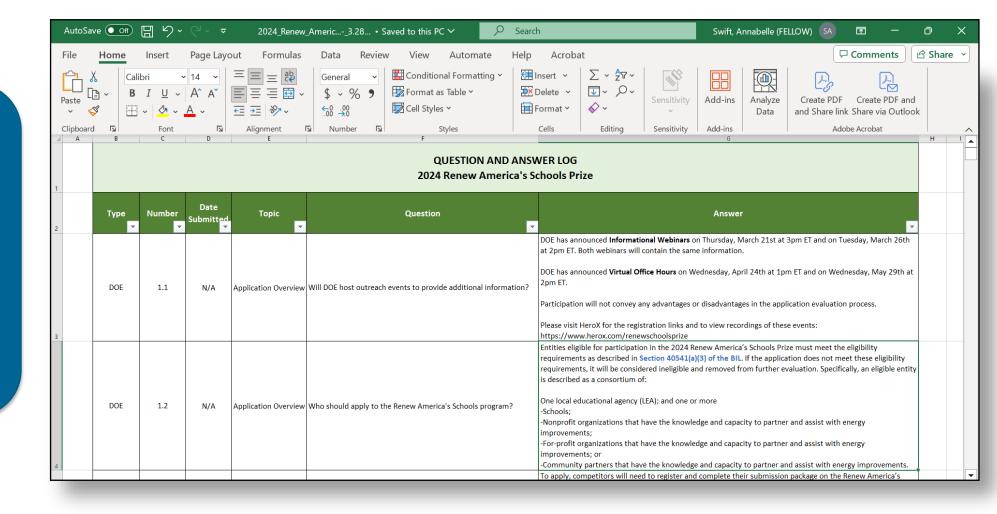
*Answer:* Tax-exempt and governmental entities can benefit from certain clean energy investment and production credits using new options enabled by legislation enacted in 2022. We encourage you to visit the IRS website to learn more. https://www.irs.gov/credits-deductions/elective-pay-and-transferability.



Register now for the DOE's School Program May 7 webinar on how schools can access clean energy and transportation tax credits.

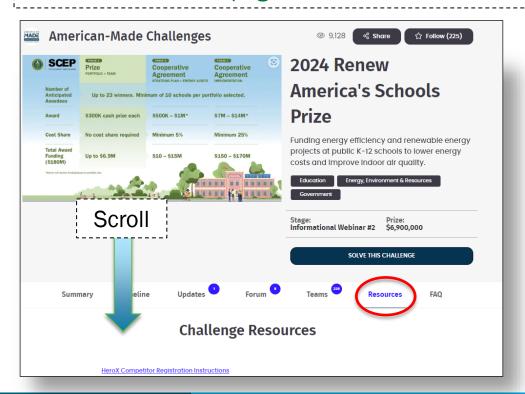
V. Navigating the Q&A

We will post answers to ALL questions submitted to us, either through email or events such as Webinars and Office Hours, in the Q&A Spreadsheet.

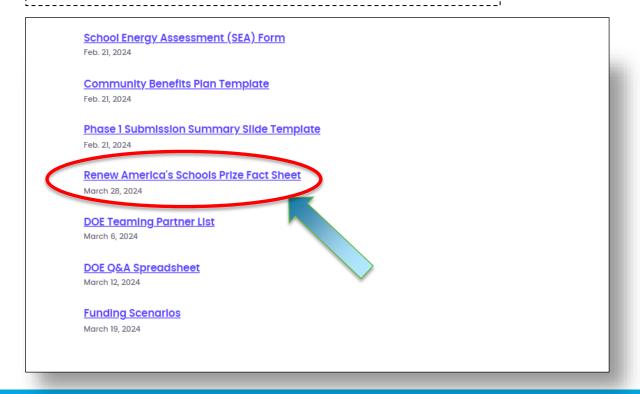


#### **Step 1: Check the Fact Sheet**

1) Navigate to the 2024 Renew America's Schools Prize <u>HeroX page</u> and click "Resources"



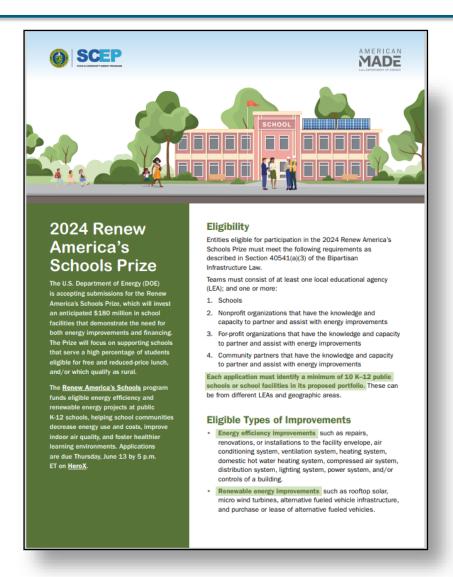
2) Click on "Renew America's Schools Prize Fact Sheet"

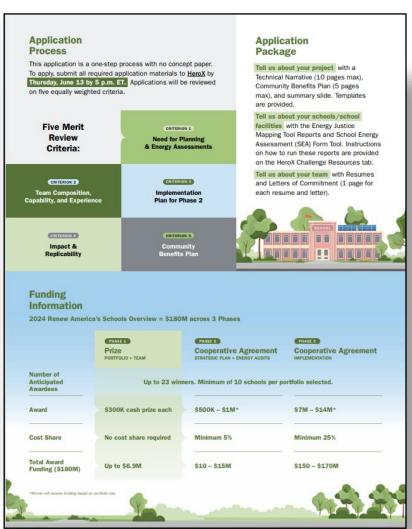


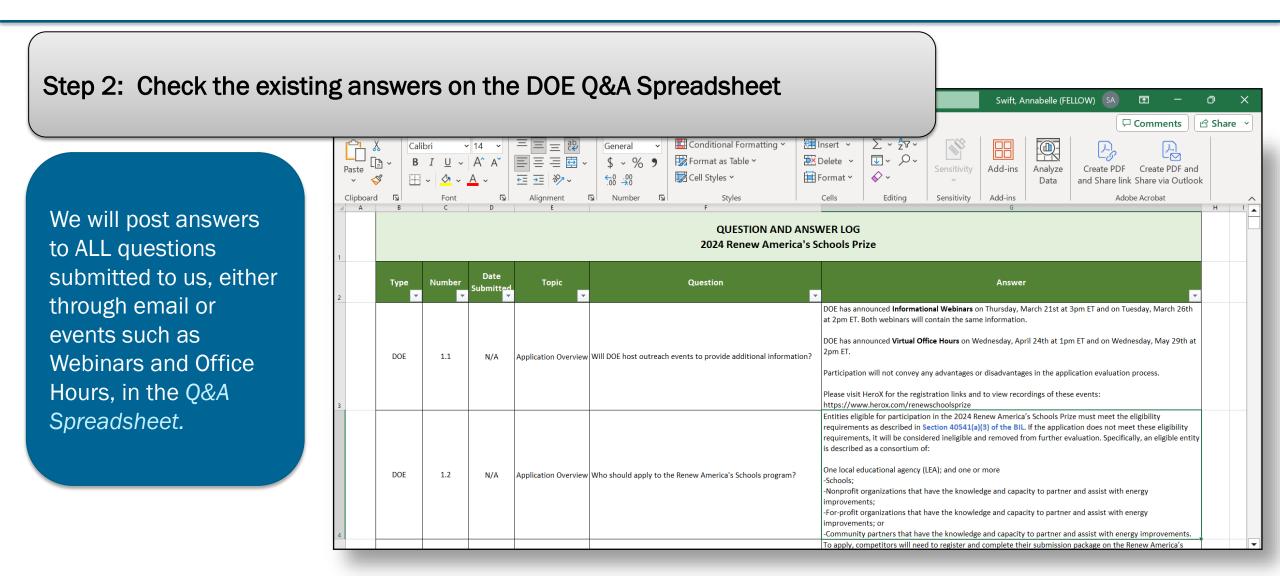
The Fact Sheet is a 3page document that addresses the most frequently asked questions about this Funding Opportunity, including:

- Organization and project eligibility
- Application process and guidance
- Funding information

....and more!



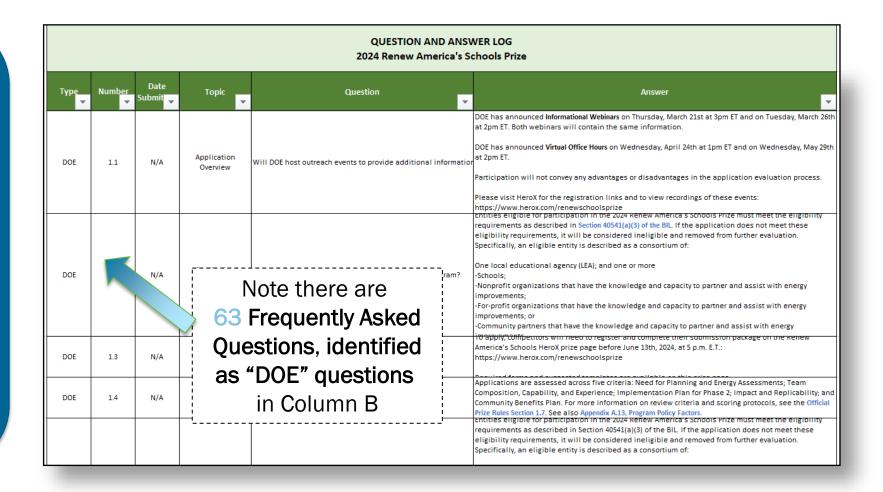




A link to the <u>DOE Q&A Spreadsheet</u> is located under the FAQ Tab on HeroX

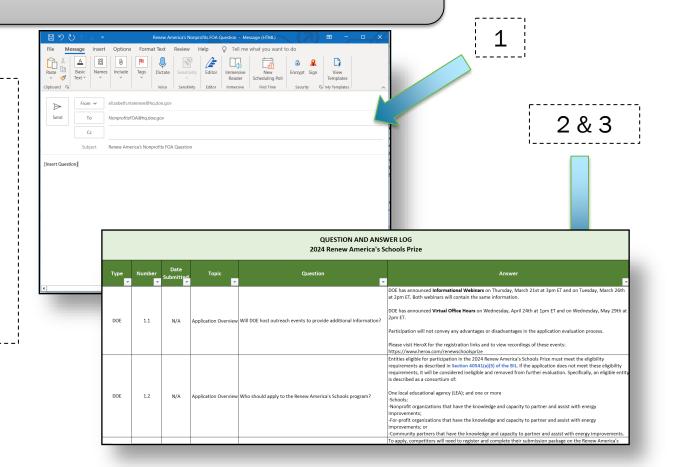
The *Q&A Spreadsheet* includes even more answers to Frequently Asked Questions (identified as DOE questions), as well as questions that were submitted by other organizations.

- We recommend skimming the DOE questions
- Search for key terms using "Ctrl + F," or "Command + F" on a Mac"



Step 3: Submit a question to be answered in the Q&A.

- 1. Send your question via email to <a href="mailto:schools@doe.gov">schools@doe.gov</a>.
- 2) Check back for the updated Q&A Spreadsheet on HeroX.
- 3) Search for the answer to your question. If you can't find your question, search for key terms using "Ctrl + F" or "Command + F."



## **Addressing Questions in the Chat**

## Examples of Question Topics:

- Application Overview
- Application Eligibility
- Cooperative Agreement (Phases 2 and 3)
- Financing
- Prize Application Process
- Teaming/Partnering
- What's changed in this Application

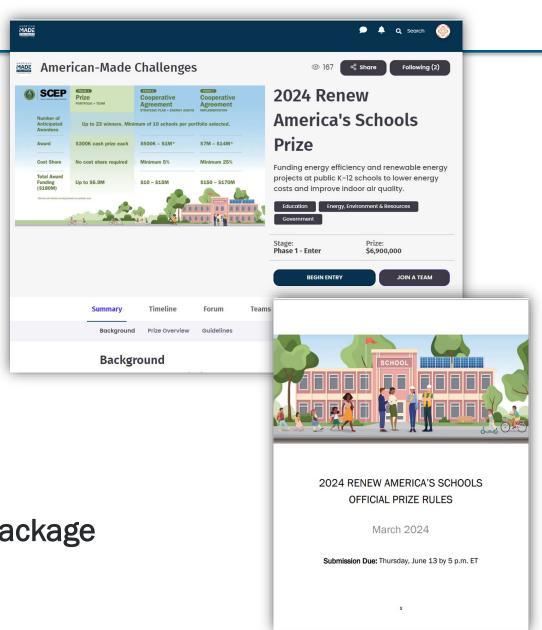
VI. Conclusion and Key Reminders

# What's Next?

 Follow the challenge on the HeroX Prize Platform: <a href="https://www.herox.com/renewschoolsprize">https://www.herox.com/renewschoolsprize</a>

2. Read the rules:
HeroX → Resources Tab.

- 3. Start your submission package!
- 4. Register for the next Office Hours on 5/29
- 5. Upload your completed prize submission package by **5 p.m. ET** on **June 13**, 2024.



## **Key Submission Reminders**

- Check entries in HeroX to confirm all materials are submitted.

  Submissions could be deemed ineligible due to an incorrect entry
- DOE strongly encourages competitors to submit 1-2 days prior to the deadline to allow for full upload of application documents and to avoid any potential technical glitches.
- Make sure you click the "submit" button.

  The "submit" button in HeroX will appear only once all required fields are filled out. Applications can be edited up until the "submit" button is clicked. Changing the application after submitting will un-submit the application until it has been resubmitted.
- Keep records of your application as a best practice.

Applications must be submitted by **5pm ET June 13<sup>th</sup>, 2024** 

https://www.herox.com/renewschoolsprize

# THANK YOU

2024 Renew America's Schools Prize
Office Hours #1

U.S. Department of Energy (DOE)

Office of State and Community Energy Programs (SCEP)

