

ONLY APPLICATIONS SUBMITTED VIA THE SUBMITTABLE ONLINE PORTAL
WILL BE CONSIDERED

Voucher Opportunity 6 - Hydropower Testing
Network (HyTN) Round 2 Recipients

Ends on Thu, Jul 23, 2026 11:59 PM

Main Point of Contact Name (required)

First Name (required)

Last Name (required)

Main Point of Contact Email (required)

Main Point of Contact Phone Number (required)



Alternate Point of Contact Name

First Name

Last Name

Alternate Point of Contact Email

Alternate Point of Contact Phone Number



Organization Name (required)

Limit: 300 characters

Please make sure to use the official organization name such that multiple submissions from the same organization use the name consistently in all submissions.

Organization Street Address (required)

Organization City (required)

Location of Organization (State/Territory) (required)

Organization Zip Code (required)

Limit: 5 characters

Organization Website (required)

Organization Type (required)

- ☐ For-profit company
- ☐ Non-profit
- ☐ University
- ☐ National Lab
- ☐ Other

Does the project team include non-U.S. citizens? (required)

- ☐ Yes
- ☐ No

Do you have a UEI? (required)

- ☐ Yes
- ☐ In Process
- ☐ No

To learn more about the UEI, please visit [SAM.gov | Home](#)

The area below is where you will describe your technology and your organization's needs request. Do not include any confidential, proprietary, or privileged information in those responses. The details marked below (as well as your company name and website) will be made available to potential Voucher Provider matches later this year.

Fields below marked with a ** before the question will be made available to potential Voucher Provider matches later this year.

****Project Title (required)**

Limit: 20 words

Please provide a title used for identifying this application related to the technology and testing objective

****Project Objective (required)**

Limit: 400 words

Please describe the desired outcomes of the voucher opportunity in terms of technology advancement, performance metrics, and deliverables of interest. Also, please include any specific equipment/technical specifications or standards requested.

****Public Project Summary (required)**

Limit: 150 words

Please include a short description of the proposed project for public dissemination.

****Company Overview** (required)

Limit: 250 words

Please provide a brief background on the company, including any relevant qualifications and credentials.

****Technology Summary** (required)

Limit: 250 words

Describe your technology briefly highlighting its purpose, function, and competitive advantage.

****Market Potential** (required)

Limit: 200 words

Describe the technology's application and benefit to the hydropower industry if commercialized.

****Technology Readiness Level** (required)

Select...

Please select the current technology readiness level (TRL) for the proposed technology (select one). For more guidance, please see the Technology Readiness Assessment Guide (<https://www.directives.doe.gov/directives-documents/400-series/0413.3-EGuide-04a-admchg1>).

If the proposed project involves modeling or analysis, is the proposed technology design complete and necessary details available for the Voucher Provider to complete the analysis? (required)

- ☐ Yes
- ☐ No
- ☐ The proposed project does not involve modeling or analysis

If the proposed project involves physical testing, are you in possession of the test article and is it ready to be tested? (required)

- ☐ Yes
- ☐ No
- ☐ The proposed project does not involve physical testing

Does the proposed project have any external dependencies that could impact the Voucher Provider's schedule? (required)

- ☐ Yes
- ☐ No

****Testing Facility Category of Interest (select one) (required)**

- ☐ Hydraulic Testing
- ☐ Mechanical, Material, and Structural Testing
- ☐ Electrical and Electronic Testing
- ☐ Biological and Aquatic Testing
- ☐ Techno-Economic Analysis

****Testing Subcategory of Interest (select all that apply) (required)**

- ☐ Artificial Intelligence (AI)
- ☐ Advanced Manufacturing
- ☐ Advanced Operational Modeling
- ☐ Biofouling
- ☐ Computational Fluid Dynamics (CFD)
- ☐ Cybersecurity
- ☐ Environmental Monitoring
- ☐ Finite Element Analysis/Modeling (FEA/FEM)
- ☐ Fish Behavior and Entrainment
- ☐ Fish Passage Survival
- ☐ Friction Testing and Tribology

- ☐ Generator Performance
- ☐ Geotechnical Applications
- ☐ Grid Integration and Interconnection Analysis
- ☐ Grid Integration (Hardware-in-the-loop)
- ☐ Hydraulics Modeling
- ☐ Loading Testing
- ☐ Material Characterization
- ☐ Repair Methods
- ☐ Sediment Passage
- ☐ Sensors and Controls
- ☐ Structural Integrity and Dam Safety
- ☐ Surface Resistance
- ☐ Techno-Economic Analysis - Individual Technologies
- ☐ Techno-Economic Analysis - Site Design and Assessment
- ☐ Toxicology, Biodegradability, and Bioaccumulation
- ☐ Turbine Performance
- ☐ Water Passage
- ☐ Other

Review the available capabilities in the below links. Determine which capabilities would be most valuable and rank them according to your preferences.

Capabilities within the Hydropower Testing Network that are available for selection can be viewed here: <https://openei.org/wiki/HyTN>.

Meritorious applications may only be matched with one capability during a voucher round. DOE might not be able to match you with your desired capability depending on a variety of factors, including but not limited to Recipient interest and Provider availability. DOE will make an effort to match according to your preferences. Ultimately, if selected, you will have the option to accept or deny the match you receive.

****1st Priority Capability (required)**

Select...



****1st Priority - Did you discuss your application with the capability point of contact?**

☐ Yes

☐ No

****1st Priority - Justification of Need and Catalytic Effects (required)**

Limit: 400 words

Describe why your organization requests this capability and how the capability will advance your technology readiness. Include justification for why you are ready to receive support. Describe your near-term goals and how the voucher support you request will help you achieve them at an accelerated pace.

****1st Priority - Facility Requested Information (required)**

Limit: 250 words

If the facility selected requests additional information (via their HyTN profile), please include that information here. If the facility did not request additional information, please enter N/A.

****2nd Priority Capability**

Select...

****2nd Priority - Did you discuss your application with the capability point of contact?**

☐ Yes

☐ No

****2nd Priority - Justification of Need and Catalytic Effects**

Limit: 400 words

Describe why your organization requests this capability and how the capability will advance your technology readiness. Include justification for why you are ready to receive support. Describe your near-term goals and how the voucher support you request will help you achieve them at an accelerated pace.

****3rd Priority Capability**

Select...



****3rd Priority - Did you discuss your application with the capability point of contact?**

☐ Yes

☐ No

****3rd Priority - Justification of Need and Catalytic Effects**

Limit: 400 words

Describe why your organization requests this capability and how the capability will advance your technology readiness. Include justification for why you are ready to receive support. Describe your near-term goals and how the voucher support you request will help you achieve them at an accelerated pace.

****Project Team, Resources, and Availability (required)**

Limit: 200 words

DOE and EnergyWerx do not require direct cost share from Voucher Providers or Recipients. However, selected Voucher Recipients are expected to fund their own travel, arrangements, materials, shipping, personnel, and any other miscellaneous costs to ensure successful completion of the proposed project activities. No funding is distributed to Voucher Recipients through the voucher opportunity. Please describe your organizations plans for staffing and meeting any in-kind project costs.

I am representing: (required)

- ☐ Academia
- ☐ For Profit - Large Business
- ☐ For Profit - Small Business
- ☐ Non-Profit Organization
- ☐ National Lab
- ☐ Government - Not AHJ
- ☐ Government - Authority Having Jurisdiction (State, Local, Tribal)

☐ Utility

☐ Other

Have you received assistance or DOE funding in the past? (required)

☐ Yes

☐ No

Do you have any pending funding/support from DOE to disclose? (required)

☐ Yes

☐ No

If you answered “Yes” to any of the questions above, please explain:

Limit: 250 words

Describe any prior relationships you have with the Voucher Provider(s) that you would like to receive support from: (required)

Limit: 250 words

Type N/A if not applicable

Please disclose any foreign participation/collaboration on activities related to this voucher request: (required)

Limit: 250 words

Type N/A if not applicable

Have you received or do you have any pending funding/support from any federal agency/office for work that is similar in scope to this application? (required)

☐ Yes

☐ No

Federal regulations prohibit applicants from receiving a service as part of this program if you already received financial support from any Federal agency for a similar service on the same technology, prototype, or product. Failure to disclose previous or pending funding/support might constitute fraud and/or abuse.

How did you hear about EnergyWerx? (required)

☐ Conference

☐ Contacted by EnergyWerx

☐ Co-Worker

☐ Ratio Exchange

☐ Sam.gov

☐ Social Media

☐ Website

Certifications

- DOE reserves the right to require additional or clarifying information regarding the application submissions, the team, and any other matters related to the anticipated funding. Applicants selected for negotiation will be required to agree to standard DOE funding legal terms and conditions.
- I certify that the named applicant is a domestic entity and is not owned by, controlled by, or subject to the jurisdiction or direction of a government of a Country of Risk and meets the eligibility requirements for this program. DOE defines Country of Risk to include China, Russia, North Korea, Iran, and Belarus.
- I certify that the information contained in the submission is true and contains no misrepresentations. I understand that any false, fictitious, or fraudulent information, misrepresentations, half-truths, or omissions of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (18 U.S.C. §§ 1001 and 287, and 31 U.S.C. 3729-3733 and 3801-3812). I further understand and agree that the statements and representations made herein are material to DOE's funding decision.
- Persons participating in a *Foreign Government-Sponsored Talent Recruitment Program of a Foreign Country of Risk** are prohibited from participating in projects selected for federal funding under this Opportunity. Should an award result from this Opportunity, the recipient must exercise ongoing due diligence to reasonably ensure that no individuals participating on the DOE-funded project are participating in a *Foreign Government-Sponsored Talent Recruitment Program of a Foreign Country of Risk*. Consequences for violations of this prohibition will be determined according to applicable law, regulations, and policy. Further, the recipient must notify DOE within five (5) business days upon learning that an individual on the project team is or is believed to be participating in a foreign government talent recruitment program of a foreign country of risk. DOE may modify and add requirements related to this prohibition to the extent required by law.
- I certify that the information contained in the submission does not contain confidential, proprietary, or privileged information.

* Foreign Government-Sponsored Talent Recruitment Program is defined as an effort directly or indirectly organized, managed, or funded by a foreign government, or a foreign government instrumentality or entity, to recruit science and technology professionals or students (regardless of citizenship or national origin, or whether having a full-time or part-time position). Some foreign government-sponsored talent recruitment programs operate with the intent to import or otherwise acquire from abroad, sometimes through illicit means, proprietary technology or software, unpublished data and methods, and intellectual property to further the military modernization goals and/or economic goals of a foreign government. Many, but not all, programs aim to incentivize the targeted individual to relocate physically to the foreign state for the above purpose. Some programs allow for or encourage continued employment at United States research facilities or receipt of federal research funds while concurrently working at and/or receiving compensation from a foreign institution, and some direct participants not to disclose their participation to U.S. entities. Compensation could take many forms including cash, research funding, complimentary foreign travel, honorific titles, career advancement opportunities, promised future compensation, or other types of remuneration or consideration, including in-kind compensation.

I agree to the Certifications listed above. (required)

☐ I agree

DOE retains the prerogative to require additional information from the applicants to verify the applicant meets the eligibility requirements. Further, DOE retains the prerogative to decide whether to fund the proposed project entirely, partially, or not at all. (required)

☐ I agree

I agree to join the EnergyWerx ecosystem and receive news about future opportunities. (required)

☐ I agree

Note to Organizer:

Limit: 100 words

Save Draft

Submit