

DOE OFFICE OF INDIAN ENERGY

Funding Opportunity Announcement Webinar

CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS – 2023 (DE-FOA-0002975)

Lizana Pierce, Senior Engineer and Deployment Supervisor

Tweedie Doe, Lead Project Officer



U.S. DEPARTMENT OF
ENERGY

Office of
Indian Energy

February 28, 2022

Send FOA Questions to
TribalGrants@hq.doe.gov

Senior Engineer and Deployment Supervisor – Lizana Pierce



Lizana Pierce

Senior Engineer and Deployment Supervisor, Office of Indian Energy Policy and Programs, Colorado

Lizana Pierce is duty stationed in Colorado and serves as the principal engineering expert for the Director and Deputy Director on deployment programs. Mrs. Pierce is responsible for implementing the Office's Deployment Programs: Technical Assistance, Financial Assistance; and Education and Capacity Building.

Lizana has more than 25 years of experience in energy technologies, project development, and management, and has dedicated 20 of those years to assisting Indian tribes in developing their energy resources and building their human capacity to realize their energy visions.

Ms. Pierce holds a Bachelor of Science degree in mechanical engineering from Colorado State University, and she pursued a Master's in Business Administration through the University of Northern Colorado.



Lead Project Officer – Tweedie Doe

Tweedie Doe

Lead Project Officer, Colorado

As a project officer, Tweedie Doe serves as Project Officer, overseeing, reviewing, analyzing, and evaluating a diverse grants portfolio including cooperative agreements, awards, and projects involving energy development, efficiency, and use; reducing and stabilizing energy costs; development of Indian tribal energy and economic infrastructure relating to natural resource development; and electrification. Ms. Doe also serves as a financial assistance program resource to tribes.

Ms. Doe has a Bachelor of Arts degree in Political Science from the University of Washington, and a Master of Arts in International Studies with emphasis on economics and human rights from the University of Denver. She obtained her Project Management Professional (PMP) certification in 2013 and is certified as a Project Officer and Contracting Officer Representative.



Office of Indian Energy

The DOE Office of Indian Energy is charged by Congress under the **Indian Tribal Energy Development and Self Determination Act of 2005** (Title V of the Energy Policy Act of 2005) to “provide, direct, foster, coordinate, and implement energy planning, education, management, conservation, and delivery programs that –

- (1) **promote Indian tribal energy development, efficiency, and use;**
- (2) **reduce or stabilize energy costs;**
- (3) **enhance and strengthen Indian tribal energy and economic infrastructure** relating to natural resource development and electrification; and
- (4) **bring electrical power and service to Indian land and the homes** of tribal members located on Indian lands or acquired, constructed, or improved (in whole or in part) with Federal funds.”



Clockwise from top right: **Seneca Nation's** (NY) 1.5 MW wind turbine, **Fort Yukon's** (AK) combined heat and powerhouse, **Coeur d'Alene Tribe's** (ID) Benewah Market energy efficiency project, **Sokaogon Chippewa Community** (WI) Housing Project, and **Chippewa Cree Tribe's** (MT) Residential Solar.

Meet the Team

Office of Indian Energy

Comprised of 14 Federal employees and 7 contractors

The Director, Deputy Director, Senior Advisor, Budget Officer, Communications Specialist, and Executive Assistant (6 FTE's) located in Washington, DC.



The Deployment Supervisor, Deployment Specialist, a Project Officer and two Engineers (5 FTE's) and seven (7) contractors, duty-stationed in Golden, Colorado. Financial assistance support received through the DOE Golden Field Office.



AK Senior Policy Advisor and two (2) Engineers (3 FTE's) duty-stationed in Alaska.

Meet the Team



Deployment Program



Financial Assistance

We facilitate tribal energy project development through financial assistance (competitively awarded grants).



Technical Assistance

We provide federally recognized Indian tribes, including Alaska Native villages, regional and village corporations, tribal energy resource development organizations, and other tribal groups and communities, with technical assistance to advance tribal energy and infrastructure projects at no charge.



Education and Capacity Building

Thorough regional workshops, webinars, and college student internships, we support tribal efforts to build internal capacity to develop energy projects and navigate energy markets.

Financial Assistance (2010-2022)

Tangible Results

- **Nearly 46 MW of New Generation Installed**
- **Nearly 13 MWh of Battery Storage Installed**
- **Over \$14.4 Million Saved Every Year**
- **Nearly \$315 Million Saved Over System Lifetimes**
- **\$3.38 Saved for Every DOE Dollar Invested**
- **Nearly 8,800 Tribal Buildings Affected**



Clockwise from top right: **Huslia Tribe Council (AK)** installed a community-scale biomass project to heat their community's buildings (2018); **Soboba Band of Luiseño Indians (CA)** installed a 1 MW solar; **Rosebud Sioux (SD)** solar system on low-income home (2016); **Fort Mojave Indian Tribe and Aha Macav Power Services** installed a 2.3 MW solar system; **Alaska Village Electric Cooperative, Inc. (AVEC) and Bethel Native Corporation's (BNC)** installed a 900-kW turbine to power the communities of Bethel and Oscarville, AK.

FOA Document, Forms & Templates, Frequently Asked Questions

<https://ie-exchange.energy.gov>

DE-FOA-0002975: CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023

DE-FOA-0002975: CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023

Apply

Under this Funding Opportunity Announcement (FOA), the DOE Office of Indian Energy is soliciting applications from Indian Tribes, which include Alaska Native Regional Corporations and Village Corporations, Intertribal Organizations, and Tribal Energy Development Organizations to:

- (1) Install clean energy generating system(s) and energy efficiency measure(s) for Tribal Building(s) (Topic Area 1); or,
- (2) Deploy community-scale clean energy generating system(s) or energy storage on Tribal Lands (Topic Area 2); or,
- (3) Install integrated energy system(s) for autonomous operation (independent of the traditional centralized electric power grid) to power a single or multiple Essential Tribal Buildings during emergency situations or for tribal community resilience (Topic Area 3); or,
- (4) Provide electric power to unelectrified tribal buildings (Topic Area 4).

See Section III.A. of the FOA for eligibility information and Appendix A for the definitions.

Unless DOE approves a requested cost share reduction to 10%, a 20% cost share of the total allowable costs of the project (i.e., the sum of the DOE share, and the Recipient share of allowable costs equals the total allowable cost of the project) is required. If requested by the Applicant as part of its application, a cost share reduction of 10% may be considered, based on poverty rate and median household income of the tribal community relative to the statewide median household income (see Section III.B.2. of the FOA and 'Application Forms and Templates' for this FOA on IE-Exchange).

DOE expects to make approximately \$50 million of federal funding available for new awards under this FOA, subject to the availability of appropriated funds. The actual level of funding, if any, depends on Congressional appropriations. DOE anticipates making approximately 10 to 25 awards under this FOA. DOE may issue awards in one, multiple, or none of the aforementioned Topic Areas.

See the FOA document for full description.

IE-Exchange is designed to enforce the deadlines specified in this FOA. The "Apply" and "Submit" buttons will be automatically disabled at the defined submission deadlines.

<https://ie-exchange.energy.gov/Default.aspx#FoalId05e909d6-28a2-4a5a-ae35-676b7de91763>

FOA Document, Forms & Templates, Frequently Asked Questions

<https://ie-exchange.energy.gov>

DOCUMENTS

- [DE-FOA-0002975 Clean Energy Technology Deployment on Tribal Lands - 2023](#) (Last Updated: 2/16/2023 05:35 PM ET)

APPLICATION FORMS AND TEMPLATES

The following forms and templates may be used as part of the application submission. Note that these forms and templates do not necessarily constitute all the documents required for a complete application. Please refer to the 'Application and Submission Information' of the published announcement to learn more about the required application content requirements.

[View Application Forms and Templates](#)

CONTACT INFORMATION

- TribalGrants@hq.doe.gov
Questions about this FOA
- ExchangeHelp@hq.doe.gov
Problems with IE-Exchange

SUBMISSION DEADLINES

- Full Application Submission Deadline: 5/16/2023 5:00 PM ET

<https://ie-exchange.energy.gov/Default.aspx#FoalId05e909d6-28a2-4a5a-ae35-676b7de91763>

FOA Document, Forms & Templates, Frequently Asked Questions

<https://eere-exchange.energy.gov>

APPLICATION FORMS AND TEMPLATES

The following forms and templates may be used as part of the application submission. Note that these forms and templates do not necessarily constitute all the documents required for a complete application. Please refer to the 'Application and Submission Information' of the published announcement to learn more about the required application content requirements.

Full Application

- [Application for Federal Assistance SF-424 \(Must be signed by an authorized representative\)](#) (Last Updated: 2/14/2023 06:13 PM ET)
- [Summary Slide](#) (Last Updated: 2/14/2023 06:15 PM ET)
- [Technical Volume](#) (Last Updated: 2/14/2023 06:02 PM ET)
- [Workplan](#) (Last Updated: 2/15/2023 12:02 PM ET)
- [Eligibility Statements and Evidence File \(Must be signed by an authorized representative\)](#) (Last Updated: 2/14/2023 06:12 PM ET)
- [Budget Justification Workbook form \(IE 540.132-01\)](#) (Last Updated: 2/14/2023 06:10 PM ET)
- [Subrecipient Budget Justification Workbook form \(IE 540.132-01\)](#) (Last Updated: 2/14/2023 06:14 PM ET)
- [Budget Support \(Must be signed by an authorized representative\)](#) (Last Updated: 2/14/2023 06:11 PM ET)
- [Cost Share Reduction Request \(Must be signed by an authorized representative\)](#) (Last Updated: 2/14/2023 06:12 PM ET)
- [Applicant Registration Certifications \(Must be signed by an authorized representative\)](#) (Last Updated: 2/14/2023 06:10 PM ET)
- [SF-LLL Disclosure of Lobbying Activities \(Must be signed by an authorized representative\)](#) (Last Updated: 2/15/2023 12:26 PM ET)

[Hide Application Forms and Templates](#)

CONTACT INFORMATION

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Questions about this FOA
- ExchangeHelp@hq.doe.gov
Problems with IE-Exchange

FREQUENTLY ASKED QUESTIONS (FAQS)

Responses to questions are posted to the [FAQs webpage](#).

<https://ie-exchange.energy.gov/Default.aspx#FoalD05e909d6-28a2-4a5a-ae35-676b7de91763>

FOA Document, Forms & Templates, Frequently Asked Questions

<https://ie-exchange.energy.gov>

FREQUENTLY ASKED QUESTIONS

Select a FOA to view questions and answers for the specific funding opportunity. Alternatively select "Non-FOA related items" to view system FAQ items.

DE-FOA-0002975: CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023

Question 1: I am seeking info on CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023 (DE-FOA-0002975). The executive summary describes Topic Area 1 as: install clean energy generating system(s) and energy efficiency measure(s) for Tribal Building(s) (Topic Area 1); I am considering applying for this grant in order to set up a heat pump installation program for Tribal Homes and Tribal Buildings. Do Tribal Homes, i.e., homes owned and populated by Tribal Citizens, qualify as "Tribal Buildings"?

Answer 1:

As included in Section I.B. and Appendix A of the Funding Opportunity (FOA): ""Tribal Building(s)," for the purposes of this FOA, is a single or multiple buildings located on Tribal Lands, where the eligible tribal entity has the authority, specifically the ability to exercise authority, direction, and control over the project. Note that ownership of those rights and duties, specifically the ability to exercise authority, direction, and control over the project, may be held by different parties. Tribal Building(s) are those where the eligible tribal entity or tribal members or tribal organization own the building and where the building is owned by the eligible tribal entity or tribal members or tribal organization (minimum, for the useful life of the proposed project). Tribal Buildings may include, but are not limited to, tribal hospitals, tribal government buildings, fire stations, police stations, radio stations, washaterias, utility facilities, etc." [Emphasis added]

Also, per Section III.A. "eligibility for award under this FOA: (1) Tribal Organization; or (2) Tribal Energy Development Organization; and (4) on whose Tribal Lands the project(s) are located." See Appendix A for definitions.

Therefore, although tribal member homes may be considered "Tribal Buildings", provided the eligible tribal entity has the authority to augment or modify the building, tribal members, in and of themselves, are not eligible to apply under this FOA.

Please also see the definition of building efficiencies (page 86) as "for purposes of this FOA, ground or air source heat pumps are considered an energy efficiency measure", not a renewable energy system, and therefore only eligible under Topic Area 1.b. or in conjunction with a renewable energy system under Topic Area 1.c.

Question 2: I have a two urgent/time sensitive questions for which I would like some clarity prior to the webinar if at all possible: Question 1: Will Alaskan Native Corporations like mine have priority in introducing these technologies and how will that priority be exercised? Question 2: If there is a proven and promising technology, will the DOE consider a direct award to an Alaskan Native Corporation 8(a) in order to shorten the process and timeline for implementation?

Answer 2:

Question 1: Alaskan Native Corporations are eligible to apply provided they conform to the definition and eligibility requirements under Section III of the FOA;

Questions and answers will be posted here

<https://ie-exchange.energy.gov/Default.aspx#FoalD05e909d6-28a2-4a5a-ae35-676b7de91763>

FOA Document, Forms & Templates, Frequently Asked Questions

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U.S. DEPARTMENT OF ENERGY | Office of Indian Energy

Office of Indian Energy Funding Opportunity Exchange

U.S. DEPARTMENT OF ENERGY | Office of Indian Energy | IE-Exchange User Guide for Applicants February 2023

Office of Indian Energy Funding Opportunity Exchange

MANUALS

Category Name
IE-Exchange Guides for Applicants
IE-Exchange Applicant Guide November 2022
IE-Exchange Registration Login Guide November 2022
IE-Exchange Registration

Office of Indian Energy
Funding Opportunity Exchange
IE-Exchange User Guide
for Applicants
February 2023

DE-FOA0002770	Announcement No. DE-FOA-0002771, Powering Unelectrified Tribal Buildings - 2022	Notice of Intent to Publish FOA (NOI)	
DE-FOA-0002775	Notice of Intent to Issue Funding Opportunity Announcement No. DE-FOA-0002774, Energy Infrastructure Deployment on Tribal Lands - 2022	Notice of Intent to Publish FOA (NOI)	Indian Energy

2023 Funding Opportunity

CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023

Funding Opportunity Announcement (FOA)

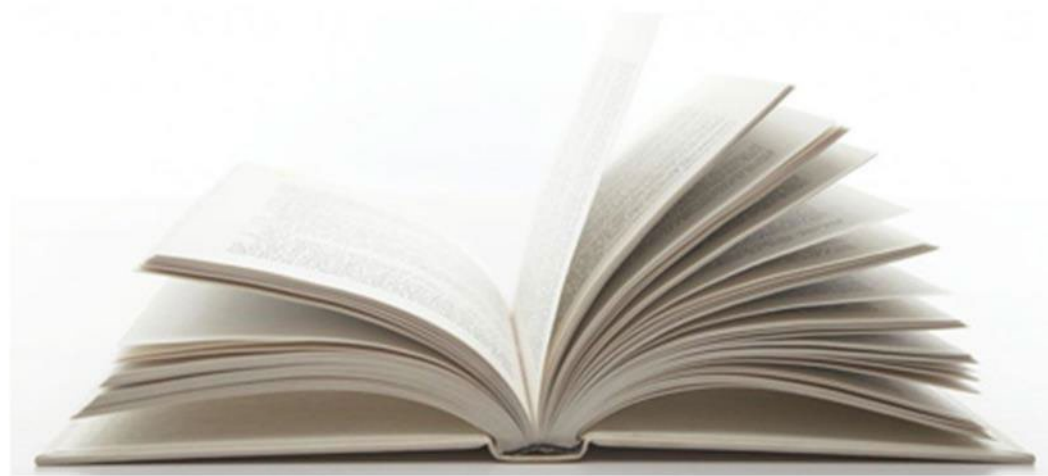
Number: DE-FOA-0002975

FOA Type: 0000

CFDA Number: 81.087

FOA Issue Date:	February 16, 2023
Informational Webinar:	February 28, 2023 at 3:00 pm Eastern Time
Submission Deadline for Applications:	May 16, 2023 at 5:00 pm Eastern Time
Expected Date for DOE Selection Notifications:	Fall 2023
Expected Timeframe for Award Negotiations	90 days after receipt of any requested supplemental information

Read the Funding Opportunity Announcement, then Read it Again



IE-Exchange and Grants.gov Registrations

- To apply to this FOA, **Applicants must register, create an account, and submit all required application documents to IE-Exchange** at <https://ie-exchange.energy.gov>. The Office of Indian Energy's online Application portal.
- A **Control Number** will be assigned while registering in IE-Exchange. Retain this number as it will be required on all application documents.
- The IE-Exchange registration does not have a delay; however, **the remaining registration requirements could take several weeks to process.**
- **Register in Grants.gov** (<http://www.grants.gov>) to receive automatic updates when Amendments to this FOA are posted.
- **Applications will only be accepted through IE-Exchange, not through Grants.gov.**

Other Registration Requirements

- All potential Applicants lacking a Unique Entity Identifier (UEI) number, or not yet registered with SAM or FedConnect **must complete those registrations prior to submitting an application.**
- Please see Part VI.B of the FOA (beginning on page 64 of the FOA document) for information on how to register in the above systems.
- **An authorized representative of the Applicant must certify that all system registrations have been completed, and that certification submitted as part of an application.**
- The Applicant Registration Certifications template is available under ‘Application Forms and Templates’ for this FOA on IE-Exchange at <https://ie-exchange.energy.gov>.

Notice

- All applicants are strongly encouraged to carefully read the Funding Opportunity Announcement (FOA) and adhere to the stated submission requirements.
- This presentation summarizes the contents of FOA. However, if there are any inconsistencies between the FOA and this presentation or statements from DOE or other personnel, the **FOA is the controlling document and applicants should rely solely on the FOA language or seek clarification from DOE.**
- If you believe there is an inconsistency, please contact us by sending an email to TribalGrants@hq.doe.gov.

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FOA Executive Summary

Funding Opportunity Overview	
FOA Summary	The DOE Office of Indian Energy is soliciting applications from Indian Tribes, which include Alaska Native Regional Corporations and Village Corporations (hereafter referred collectively as “Indian Tribes”), Intertribal Organizations, and Tribal Energy Development Organizations to: (1) install clean energy generating system(s) and energy efficiency measure(s) for Tribal Building(s) (Topic Area 1); or, (2) deploy community-scale clean energy generating system(s) or energy storage on Tribal Lands (Topic Area 2); or, (3) install integrated energy system(s) for autonomous operation (independent of the traditional centralized electric power grid) to power a single or multiple Essential Tribal Buildings during emergency situations or for tribal community resilience (Topic Area 3); or, (4) provide electric power to unelectrified Tribal Buildings (Topic Area 4). (See Section III.A. for eligibility information and Appendix A for the definitions).
Total Amount to be Awarded	Approximately \$50 million in federal funds. DOE anticipates making approximately 10 to 25 awards under this FOA. DOE may issue awards in one, multiple, or none of the Topic Areas.

FOA Executive Summary

Funding Opportunity Overview	
Award Amount (Minimum and Maximum)	DOE funding per individual award will range from: <ol style="list-style-type: none">(1) <u>no</u> less than \$100,000 to a maximum of \$2,500,000 for each Subtopic Area under Topic Area 1,(2) <u>no</u> less than \$250,000 to a maximum of \$5,000,000 for each Subtopic Area under Topic Area 2,(3) <u>no</u> less than \$100,000 to a maximum of \$2,500,000 for Subtopic Area 3.a.,(4) <u>no</u> less than \$250,000 to a maximum of \$5,000,000 for Subtopic Area 3.b., and(5) <u>no</u> less than \$250,000 to a maximum of \$5,000,000 for each Subtopic Area under Topic Area 4.
Types of Funding Agreements	Grants
Period of Performance	DOE anticipates making awards with a period of performance of approximately two (2) to four (4) years, which <u>must</u> include a mandatory 12-month verification period.

FOA Executive Summary

Funding Opportunity Overview

Eligible Applicants

Pursuant to its authorizing statute, DOE's Office of Indian Energy will only consider applications from: **(1) an Indian Tribe; (2) Intertribal Organization, or (3) Tribal Energy Development Organization; and (4) on whose Tribal Lands the project(s) will be located** (see Section III.A., Eligibility Information, and Appendix A for further definition). Applications from a consortium of Indian Tribes (Tribal Consortium) will be accepted but must be submitted by a single Indian Tribe acting as the Applicant representing the Consortium. Applications may also be submitted on behalf of Indian Tribe(s) by an authorized Tribal Organization, provided evidence of that authority is supplied as part of the application. See Section III.A. for eligibility requirements and definitions. **DOE will not make eligibility determinations for potential Applicants prior to the date on which applications to this FOA must be submitted. The decision of whether to submit an application in response to this FOA lies *solely* with the Applicant.** All Applicants are required to submit eligibility statements that document and provide evidence of Applicant and land status eligibility to support DOE's eligibility determination.

FOA Executive Summary

Funding Opportunity Overview	
Cost Share Requirement	<p>A 20% cost share of the total allowable costs of the project (i.e., the sum of the federal share, and the non-federal Recipient cost share of allowable costs equals the total allowable cost of the project) is required, unless the 20% cost share requirement is reduced to 10% as described in the FOA. All cost share <u>must</u> come from non-federal sources unless otherwise allowed by law (see Section III.B. for instances where additional federal funds can be used against the total project costs or as non-federal cost share, as allowed to by law). If requested by the Applicant as part of its application, a cost share reduction to 10% may be considered, based on poverty rate and median household income of the tribal community relative to the statewide median household income (see Section III.B.2. and 'Application Forms and Templates' for this FOA on IE-Exchange).</p>
Additional Considerations in the Selection for Funding	<p>In addition to the ability to consider geographic distribution, technology diversity and the optimum use of available DOE funding to achieve programmatic objectives, the Selection Official may, through the application of program policy factors (see Section V.C.), give additional consideration in the selection of applications for funding to: (1) whether the proposed project serves tribal communities with high energy costs; (2) whether the proposed project serves tribal communities <u>not</u> connected to the traditional centralized electrical power grid; (3) the degree to which the proposed project will employ procurement of U.S. iron, steel, manufactured products, and construction materials; and/or (4) Applicants who have <u>not</u> previously received a grant from the Office of Indian Energy.</p>

FOA Executive Summary

Funding Opportunity Overview	
Technical Assistance	Within scope and budget, the DOE Office of Indian Energy may, upon request, provide technical assistance to all eligible Applicants who apply under this FOA and whose applications are comprehensively reviewed, but <u>not</u> selected for negotiation. Such technical assistance will be provided on a priority basis over those who request technical assistance but do <u>not</u> apply to this FOA.
Submission of Multiple Applications	Applicants may submit more than one application to this FOA (including more than one application under a particular Topic Area or Subtopic Area), provided <u>each</u> application is for a distinctively different project and each application addresses <u>only</u> one Subtopic Area. Each application <u>must</u> have a distinct title, unique Control Number as assigned by IE-Exchange during the registration process, and be readily distinguishable. Each application <u>must</u> be limited to a single unique and distinct project; unrelated projects <u>cannot</u> be consolidated in a single application.

FOA Executive Summary

Funding Opportunity Overview	
Means of Submission	Applications <u>must</u> be submitted through IE-Exchange at https://ie-exchange.energy.gov , DOE's online application portal. DOE will <u>not</u> review or consider applications submitted through other means. The IE-Exchange User Guide for Applicants is found at https://ie-exchange.energy.gov/Manuals.aspx .
Application Forms	Required forms and templates are available under 'Application Forms and Templates' for this FOA on IE-Exchange at https://ie-exchange.energy.gov .
Applicant Notification	DOE will notify <u>all</u> Applicants of its eligibility and selection determinations. The selection notification letter will inform the Applicant if its application was selected for award negotiations, or <u>not</u>. Alternatively, DOE may notify one or more Applicants that a final selection determination on a particular application(s) may be made at a later date, subject to congressional appropriations or other programmatic factors. Written feedback on all eligible applications will also be provided at the time of notification. Ineligible applications will <u>not</u> be reviewed or considered for award negotiations. If determined ineligible, the Contracting Officer will send a notification letter by email to the technical and administrative points of contact designated by the Applicant in IE-Exchange. The notification letter will state the basis upon which the application is ineligible and <u>not</u> considered for further review.

Requirements for Office of Indian Energy FOAs

The requirements included on pages 3 through 5 of the FOA are not all inclusive and cannot exclusively be relied upon as they do not reflect all evaluation factors and requirements for this FOA. **Applicants must read the entire FOA to determine the complete set of requirements under this FOA.**

- Pre-award Costs
- Registration Requirements
- Eligibility Statements and Evidence
- Applicant Tribal Council Resolution or Declaration of Commitment and Cost Sharing
- Participant Letters of Commitment and Cost Sharing
- Letters of Support
- Post Award Payment
- Post Award Reporting Requirements
- Equipment Title and Vested Interest
- Cost Share



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Required Application Documents

- Applications must include:

• Application for Federal Assistance Form SF-424*

• Summary Slide

• Technical Volume - 15-page limit

• Workplan - 5-page limit, excluding the Milestone Table

• Eligibility Statements and Evidence*

• Applicant Tribal Council Resolution or Declaration of Commitment and Cost Sharing File*

• Participant Letters of Commitment and Cost Sharing File*

• Resumes

• Budget Justification Workbook (IE 540.132-01)

* Denotes documents which must be executed or signed by an authorized representative

Required Application Documents

- Continued:

- Subrecipient Budget Justification Workbook (IE 540.132-01)

- Budget Support*

- Cost Share Reduction Request*

- Applicant Registration Certifications*

- SF-LLL: Disclosure of Lobbying Activities*

- Potentially Duplicate Funding Notice (PDFN) File

- Site and Resource Maps and Graphics File

- Studies and Analyses File

- Design and Engineering File

- Economics File

* Denotes documents which must be executed or signed by an authorized representative

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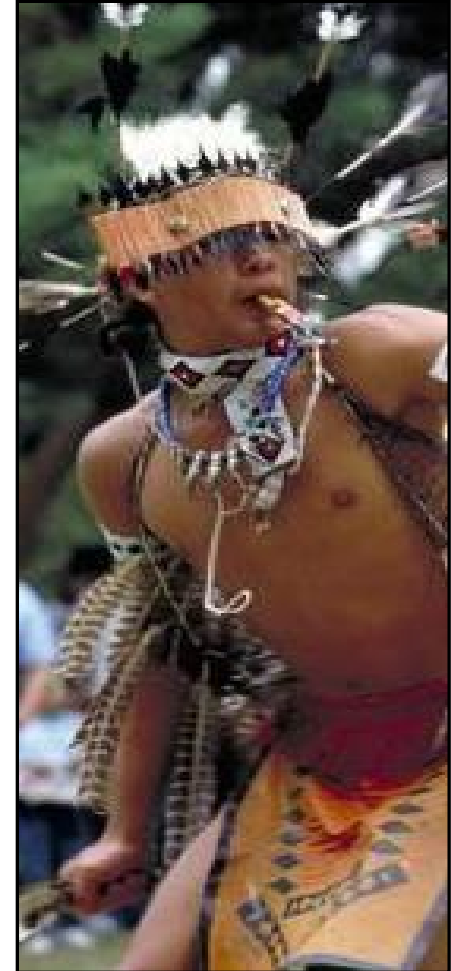
Best Practices

Closing

2023 Funding Opportunity

This Funding Opportunity Announcement (or FOA) builds on efforts by DOE to accelerate the deployment of energy infrastructure on Tribal Lands.

Between 2010 and 2022, the DOE Office of Indian Energy invested over \$120 million in more than 210 tribal energy projects implemented across the contiguous 48 states and Alaska. These projects, valued at more than \$215 million, are leveraged by over \$93 million in Recipient cost share.



2023 Funding Opportunity

Through this FOA, the DOE Office of Indian Energy will continue its efforts to maximize the deployment of energy solutions for the benefit of American Indians and Alaska Natives and help build the knowledge, skills, and resources needed to implement those energy solutions. In support of these objectives, the DOE Office of Indian Energy is soliciting applications to deploy clean energy technology on Tribal Lands.

Specifically, DOE's Office of Indian Energy is soliciting applications from **Indian Tribes, which include Alaska Native Regional Corporations and Village Corporations (hereafter referred collectively as "Indian Tribes"), Intertribal Organizations, and Tribal Energy Development Organizations and on whose Tribal Lands the project(s) will be located**. Applications may also be submitted on behalf of Indian Tribe(s) by an authorized Tribal Organization, provided evidence of that authority is supplied as part of the application.



2023 Funding Opportunity – Topic Areas

CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2023

DE-FOA-0002975

- 1) **Clean Energy Generating System(s) and/or Energy Efficiency Measure(s) for Tribal Building(s) (Topic Area 1)**
 - a. Clean Energy Generating System(s) (Subtopic Area 1.a.)
 - b. Energy Efficiency Measure(s) (Subtopic Area 1.b.)
 - c. Clean Energy Generating System(s) and Energy Efficiency Measure(s) (Subtopic Area 1.c.)Or,
- 2) **Community-Scale Clean Energy Generating System(s) or Community Energy Storage Deployment (Topic Area 2)**
 - a. Community-Scale Clean Energy Generating System(s) (Subtopic Area 2.a.)
 - b. Community-Scale Energy Storage (Subtopic Area 2.b.)Or,
- 3) **Integrated Energy System(s) for Autonomous Operation (Topic Area 3)**
 - a. Powering Essential Tribal Building(s) (Subtopic Area 3.a.)
 - b. Tribal Community Resilience (Subtopic Area 3.b.)Or,
- 4) **Powering Unelectrified Tribal Buildings (Topic Area 4)**
 - a. Integrated Energy System(s) for Electrification (Subtopic Area 4.a.)
 - b. Energy Infrastructure for Electrification (Subtopic Area 4.b.)

2023 Funding Opportunity – Topic Areas

Sub-topic Area	Title	Building-Scale	Community-Scale	Grid-Connected	Connected to Stand-Alone (isolated) Microgrid	Unelectrified	Comprehensive Feasibility Study	Energy Audits/Assessments	Energy Generating System(s)	Energy Efficiency Measure(s)	Energy Storage System(s)*	Integrated Energy System(s)	Energy Infrastructure	Tribal Building(s)	Essential Tribal Buildings(s)	Estimated Energy Displaced, Generated, or Saved	Verification Period (12-months)	Commercially Proven Warranted**
1.a.	Energy Generating System(s)	X		X	X		X		X					X		X	X	X
1.b.	Energy Efficiency Measure(s)	X		X	X	X		X		X				X		X	X	X
1.c.	Energy Generating System(s) and Energy Efficiency Measure(s)	X		X	X		X	X	X					X		X	X	X
2.a.	Community-Scale Energy Generating System(s)		X	X			X		X							X	X	X
2.b.	Community-Scale Energy Storage		X	X			X				X					X	X	X
3.a.	Powering Essential Tribal Building(s)	X		X	X		X				X	X			X	X	X	X

2023 Funding Opportunity – Topic Areas

Sub-topic Area	Title	Building-Scale	Community-Scale	Grid-Connected	Connected to Stand-Alone (isolated) Microgrid	Unelectrified	Comprehensive Feasibility Study	Energy Audits/Assessments	Energy Generating System(s)	Energy Efficiency Measure(s)	Energy Storage System(s)*	Integrated Energy System(s)	Energy Infrastructure	Tribal Building(s)	Essential Tribal Buildings(s)	Estimated Energy Displaced, Generated, or Saved	Verification Period (12-months)	Commercially Proven Warranted**
3.b.	Tribal Community Resilience		X	X	X		X				X	X			X	X	X	X
4.a.	Integrated Energy System(s) for Electrification	X	X			X	X				X	X		X		X	X	X
4.b.	Energy Infrastructure for Electrification	X	X			X	X						X	X		X	X	X

* Because storage is a component of integrated energy system(s), "Energy Storage System(s)" is marked for those Subtopic Areas under which integrated energy system(s) are eligible.

** The "Commercially Proven Warranted" requirement applies to all Topic Areas and proposed technologies.

FOA Description – Definitions

- “**Grid-connected**”, for purposes of this FOA, means connected to the traditional centralized electric power grid.
- “**Traditional centralized electric power grid**” refers to the main power grids in the continental United States: (1) the Eastern Interconnected System (Eastern Interconnect); (2) the Western Interconnected System (Western Interconnect); and (3) the Texas Interconnected System (Texas Interconnect); as well as (4) the interconnected grid system in Alaska that connects Anchorage, Fairbanks, and the Kenai Peninsula.



FOA Description – Definitions

- “**Tribal Building(s)**,” for the purposes of this FOA, is a single **or** multiple buildings located on Tribal Lands, where the eligible tribal entity has or has been granted certain rights and duties, specifically the ability to exercise authority, direction, and control over the project.
- Note that ownership may be private, collective, or common and some of those rights and duties may be held by different parties.
- Tribal Building(s) are those where the eligible tribal entity has the authority to augment or modify the building and where the building is owned by the eligible tribal entity **or** tribal members **or** tribal organization, **or** the eligible tribal entity has a long-term lease (as a minimum, for the useful life of the proposed project).



FOA Description – Definitions

“**Essential Tribal Building(s)**” for the purposes for this FOA, are those Tribal Building(s) necessary for providing *essential services*, where “**essential services**” for the purposes of this FOA means services, that if interrupted, would endanger the life, health, or personal safety of the whole or part of the tribal community.



FOA Description – Definitions

- **“Clean Energy Generating System(s)”** for the purposes of this FOA include:
 - (1) renewable energy system(s), or
 - (2) combined heat and power system(s) using renewable fuels such as biomass, biogas, renewable natural gas, or renewable hydrogen.
- **“Energy Efficiency Measure(s),”** for the purposes of this FOA, means the implementation of a
 - (1) building efficiency measure(s), or an
 - (2) industrial process efficiency measure(s).
- **“Energy storage system(s)”** for the purposes of this FOA, include, but are not limited to, batteries, pumped hydropower, flywheels, compressed air energy storage, or thermal energy storage systems.

See definitions under Appendix A of the FOA document

FOA Description – Definitions

“**Integrated Energy System(s)**” under Topic Area 3 must, as a minimum, provide power to Essential Tribal Building(s) and include:

- (1) clean energy generating system(s);
- (2) controls and management system(s); and
- (3) energy storage system(s).

Such systems may also include (4) *conventional energy generation device(s)*; however, conventional energy generation device(s) are eligible only if used *solely* as a dispatchable stand-by power source.

Note that some components of the proposed integrated energy system(s) may already exist and, therefore, not all of the components must be proposed for DOE funding; however, the integrated energy system(s) as a whole must meet the requirements under Topic Area 3.

See definitions under Appendix A.

FOA Description – Definitions

Under Subtopic Area 4.b., DOE is seeking applications for the deployment of energy infrastructure to electrify Tribal Buildings, which otherwise would be unelectrified.

“**Energy Infrastructure**” for purposes of this FOA, means electric power distribution technologies to transport electricity from the transmission system to individual consumers and may include, but is not limited to, distribution substations, circuits, circuit breakers, switchgear, busbars, distribution lines, distribution transformers, capacitors, voltage regulators, meters, and utility poles.



FOA Description – Definitions

Interconnection infrastructure such as distribution substations, circuits, circuit breakers, switchgear, busbars, distribution lines, distribution transformers, capacitors, voltage regulators, meters, and utility poles, may be proposed under Topic Area 2 and Subtopic Area 3.b., provided the proposed interconnection infrastructure is essential to the proposed project.

The justification as to why that infrastructure is essential to the proposed project must be addressed as part of the Technical Volume.

Note that in order for the proposed infrastructure to be eligible, not only must it be essential, but the land on which that infrastructure is proposed must either be

- (1) on Tribal Land; **or**
- (2) the necessary site access such as right-of-way agreement(s) must have been obtained prior to submitting the application.

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Applications Specifically Not of Interest

The following types of applications will be deemed nonresponsive and will not be reviewed or considered (See Section III.D. of the FOA):

- Applications that fall outside the technical parameters specified in Section I.B. of the FOA.
- Applications proposing studies, design, and engineering (excluding *final* design and engineering), or development (pre-construction) activities; or any other activity which does not directly result in the installation of equipment to generate electricity and/or heating or cooling, reduce energy use, or enhance energy storage and delivery infrastructure.
- Applications proposing the evaluation of product marketing opportunities, assessment of manufacturing opportunities, research, design, and engineering (excluding *final* design and engineering), product development, or the construction of manufacturing facilities or buildings.

Applications Specifically Not of Interest

- Applications proposing the cost of construction for a building(s) or structure(s) such as carports. Only the incremental costs associated with the installation of clean energy generating system(s), energy storage system(s), integrated energy system(s), or energy efficiency measures will be considered allocable to the proposed DOE funded project and not the cost of constructing the building(s) or structure(s), unless those structures are integral to the proposed project.
- Any application where the Applicant has already taken irreversible actions regarding the proposed DOE funded project, where the proposed DOE funded project consists of only the installation of clean energy generating system(s), integrated energy system(s), community energy storage, or energy efficiency measures, including irreversible actions related to the construction of a building(s) or structure(s) (such as a carport), if the building(s) or structure(s) are being built specifically to enable the DOE funded project. Irreversible actions relative to the proposed DOE funded project may include, but are not limited to, site clearing, groundbreaking, equipment or system purchase or installation, building renovation, and building retrofits.

Applications Specifically Not of Interest

- Applications proposing “energy conservation,” where “energy conservation,” for the purposes of this FOA, means decreasing energy consumption by using less energy or going without to save energy. Energy conservation typically involves a behavioral change and may include energy use monitors or other indicators to induce that behavioral change.
- Applications for commercial or utility-scale projects intended *solely* for revenue generation through the export of electricity off Tribal Lands for commercial sale, **unless** (a) revenue from the sale of a *portion* of that electricity will benefit the eligible entity **and** the tribal community, **or** (b) revenue from the exported electricity is used to offset the eligible entity’s **or** tribal members’ electricity bills, as specified under Subtopic Area 2.a.

Applications Specifically Not of Interest

- Applications proposing conventional energy generation device(s), unless used *solely* as dispatchable stand-by power source. A conventional energy generation device(s) is only eligible as dispatchable stand-by power source and only under Topic Area 3 and Subtopic Area 4.a.
- Applications proposing the use of materials, supplies, or equipment which are not commercially proven and warranted.

Applications Specifically Not of Interest

- Applications proposing construction as a primary activity. For the purpose of this FOA, “construction” is defined as, but not limited to, building, erecting, altering, remodeling, or repairing a particular building or structure, as well as making major renovations or additions to existing buildings or structures. Construction does not include the installation of equipment, such as energy generating systems, energy efficiency measures, energy storage systems, energy infrastructure, integrated energy systems, or activities ancillary to those installations. Projects that include construction as a primary activity will not be considered under this FOA unless such activity is integral to meeting the objectives of the FOA and only with prior written authorization from the Contracting Officer.

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Award Information

Total Amount to be Awarded	Approximately \$50 million in federal funds. DOE anticipates making approximately 10 to 25 awards under this FOA. DOE may issue awards in one, multiple, or none of the Topic Areas.
Award Amount (Minimum and Maximum)	DOE funding per individual award will range from: <ol style="list-style-type: none"> (1) <u>no</u> less than \$100,000 to a maximum of \$2,500,000 for each Subtopic Area under Topic Area 1, (2) <u>no</u> less than \$250,000 to a maximum of \$5,000,000 for each Subtopic Area under Topic Area 2, (3) <u>no</u> less than \$100,000 to a maximum of \$2,500,000 for Subtopic Area 3.a., (4) <u>no</u> less than \$250,000 to a maximum of \$5,000,000 for Subtopic Area 3.b., and (5) <u>no</u> less than \$250,000 to a maximum of \$5,000,000 for each Subtopic Area under Topic Area 4.
Period of Performance	DOE anticipates making awards with a period of performance of approximately two (2) to four (4) years, which <u>must</u> include a mandatory 12-month verification period.

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Eligibility Information

Who's Eligible to Apply?

- All Applicants will be **required** to provide eligibility statements and evidence to support DOE's eligibility determination (see Section IV.C.5.)
- **DOE will not make sufficiency determinations prior to an application being submitted.** Applicants that do not meet the eligibility requirements under Section III.A. of the FOA will be deemed ineligible and their applications will not be reviewed or considered.
- In accordance with EAct 2005 authorities and consistent with [2 CFR § 910.126\(b\)](#), eligibility for award under this FOA is restricted to: (1) an **Indian Tribe**; (2) **Intertribal Organization**; or (3) **Tribal Energy Development Organization**; and (4) on whose **Tribal Lands** the project(s) will be located.

Eligibility Information

- “**Indian Tribe**,” for the purposes of this FOA and as defined in in section 4 of the Indian Self-Determination and Education Assistance Act ([25 U.S.C. § 5304](#)), means any Indian tribe, band, nation, or other organized group or community, including any Alaska Native village or regional or village corporation as defined in or established pursuant to the Alaska Native Claims Settlement Act ([85 Stat. 688](#)) [[43 U.S.C. § 1601, et seq.](#)], which is recognized as eligible for the special programs and services provided by the United States to Indians because of their status as Indians. See below for further definition.
- For the purposes of this FOA, an eligible Indian tribe, band, nation or other organized group or community (including Alaska Native villages), must be federally recognized as listed in *Indian Entities Recognized and Eligible to Receive Services from the United States Bureau of Indian Affairs*, published by the Department of Interior’s Bureau of Indian Affairs in the Federal Register on [January 12, 2023, 88 FR 8](#).

Eligibility Information

- “**Intertribal Organization**,” as defined for the purposes of this FOA, means any organization comprised of *two or more* Indian Tribes, established under Congressional, State, or Tribal law to act on behalf of the participating Indian Tribes.
- “**Intertribal Organizations**” may include, but are not limited to, intertribal councils, regional tribal organizations or associations, Alaska regional development organizations, and tribal federations.



Eligibility Information

3) “Tribal Energy Development Organization,” for purposes of this FOA, means:

a) any enterprise, partnership, consortium, corporation, or other type of business organization that is engaged in the development of energy resources and is wholly owned by an Indian tribe (including an organization incorporated pursuant to section 17 of the Act of June 18, 1934 ([25 U.S.C. § 5124](#)) (commonly known as the “Indian Reorganization Act”) or section 3 of the Act of June 26, 1936 (49 Stat. 1967, chapter 831, [25 U.S.C. § 5201, et seq.](#)) (commonly known as the ‘Oklahoma Indian Welfare Act’));

and

(b) any “**organization**” of two or more entities, at least one of which is an Indian tribe, that has the written consent of the governing bodies of all Indian tribes participating in the organization to apply for a grant, loan, or other assistance under 2602 of EPCA ([25 U.S.C. § 3502](#)) or to enter into a lease or business agreement with, or acquire a right-of-way from, an Indian tribe pursuant to subsection (a)(2)(A)(ii) or (b)(2)(B) of 2604 of EPCA ([25 U.S.C. § 3504](#)), where “**organization**” means a partnership, joint venture, Limited Liability Company (LLC) or other unincorporated association or entity that is established to develop Indian energy resources.

Eligibility Information

To be eligible, proposed project(s) must also be Tribal Lands.

(4) **“Tribal Lands,”** for the purposes of this FOA, is defined as:

- (a) **“Indian land”**;
- (b) **lands held in fee simple** (purchased or owned) by an Indian Tribe, Intertribal Organization, Tribal Energy Development Organization, or other eligible Applicant;
- (c) **lands held under a long-term land lease** (as a minimum, for the useful life of the proposed project) by an Indian Tribe, Tribal Energy Development Organization, or other eligible Applicant; and
- (d) **land that was conveyed to a Native Corporation pursuant to the Alaska Native Claims Settlement Act ([43 U.S.C. § 1601, et seq.](#))** and *subsequently* conveyed to another entity, provided that entity is either a Native village or Tribal governmental entity or the land is held, invested, managed for and on behalf of a Native village or Tribal governmental entity.

Eligibility Information

“Indian land,” for purposes of this FOA, means –

- (a) any land which is located within the boundaries of an “Indian reservation” (see definition below), pueblo, or rancheria;
- (b) any land **not located within the boundaries of an Indian reservation, pueblo or rancheria, the title to which is held –**
 - (i) in trust by the United States for the benefit of an Indian tribe or an individual Indian;
 - (ii) by an Indian tribe or an individual Indian, subject to restriction against alienation under laws of the United States; or
 - (iii) by a dependent Indian community;
- (c) land that is owned by an Indian tribe and was **conveyed by the United States to a Native Corporation pursuant to the Alaska Native Claims Settlement Act ([43 U.S.C. § 1601, et seq.](#))**, or that was conveyed by the United States to a Native Corporation in exchange for such land;
- (d) **any land located in a census tract in which the majority of residents are Natives** (as defined in section 3(b) of the Alaska Native Claims Settlement Act ([43 U.S.C. § 1602\(b\)](#))); and
- (e) **any land located in a census tract in which the majority of residents are persons who are enrolled members of a federally recognized Tribe or village.**

Eligibility Information

For the purposes of this FOA and as defined under Part 503 of EPO Act 2005, the term “**Indian reservation**” includes an Indian reservation in existence in any State or States as of the date of enactment of Title V of EPO Act 2005; a public domain Indian allotment; and a dependent Indian community located within the borders of the United States, regardless of whether the community is located on original or acquired territory of the community; or within or outside the boundaries of any State or States.

Eligibility Information

QUESTIONS REGARDING ELIGIBILITY

DOE will not make eligibility determinations for potential Applicants prior to the date on which applications to this FOA must be submitted. The decision of whether to submit an application in response to this FOA lies solely with the Applicant.



Eligibility Information

BUY AMERICA REQUIREMENTS FOR INFRASTRUCTURE PROJECTS

Federally assisted projects which involve infrastructure work, undertaken by applicable Recipient types, require that:

- All iron, steel, and manufactured products used in the infrastructure work are produced in the United States; and
- All construction materials used in the infrastructure work are manufactured in the United States.

Whether a given project must apply this requirement is project-specific and dependent on several factors, such as the Recipient's entity type, whether the work involves "infrastructure," as that term is defined in Section 70914 of the Bipartisan Infrastructure Law, and whether the infrastructure in question is publicly owned or serves a public function.



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Cost Sharing Requirements

Unless DOE approves a requested cost share reduction from 20% to 10%, a 20% cost share of the total allowable costs of the project (i.e., the sum of the federal share, and the non-federal Recipient cost share of allowable costs equals the total allowable cost of the project) is required.



Cost Sharing Requirements

Cost share reductions from the required 20% to 10% will be based on financial need, specifically

- (1) poverty rate, **or**
- (2) median household income of the tribal community as a percentage of statewide median household income.

To submit a Cost Share Reduction Request, see Section IV.C.12. and the Cost Share Reduction Request template under ‘Application Forms and Templates’ for this FOA on IE-Exchange at <https://ie-exchange.energy.gov>.

When requesting a cost share reduction, the Applicant must complete the application, based on the requested cost share reduction amount and percentage.

However, if DOE does not approve the request for reduced cost share, the Applicant will be required to meet the statutory minimum cost share of 20%.



Cost Sharing Requirements

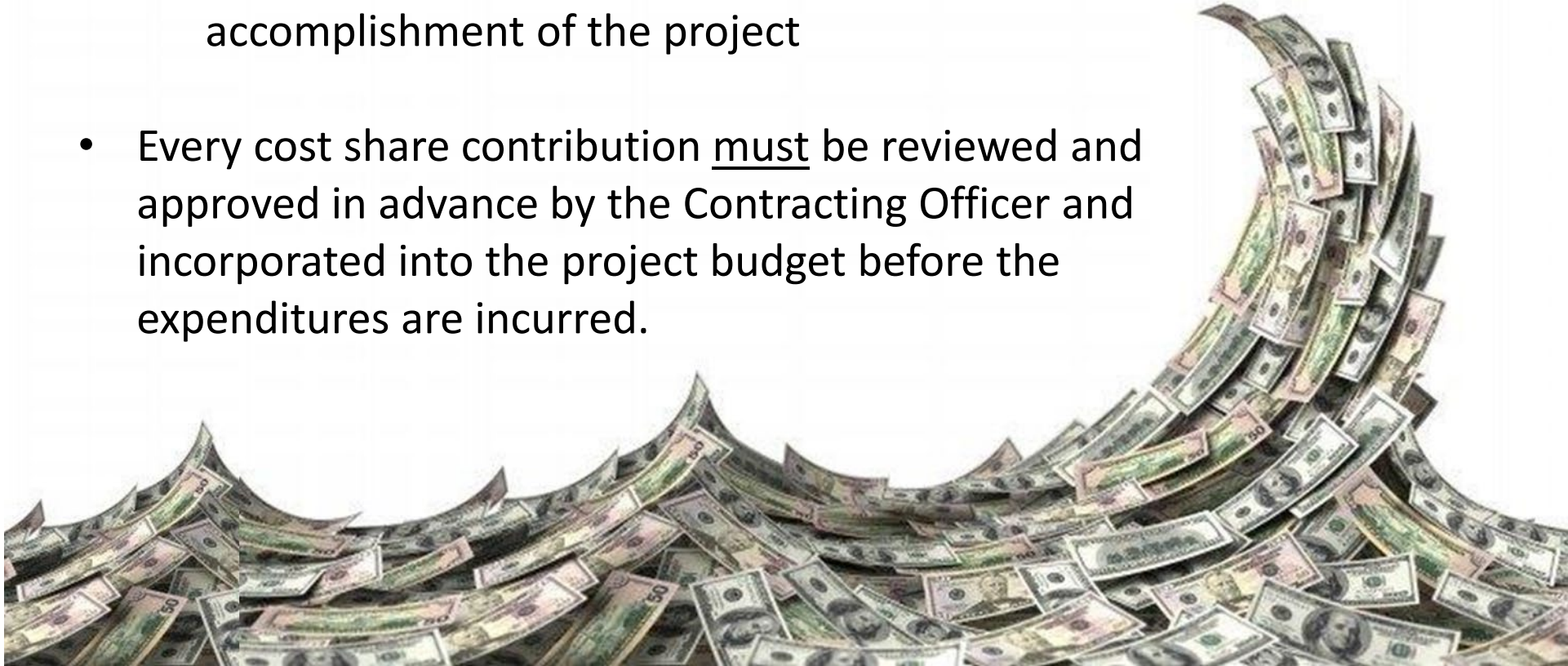
- All cost share must come from non-Federal sources unless otherwise allowed by law. See 2 CFR 200.306 and 2 CFR 910.130 for the applicable cost sharing requirements.
- Except for pre-award costs with prior DOE approval, only cost share contributions made **during the period of performance** of the grant, if awarded, can be considered.
- Costs incurred prior to award selection cannot be considered as cost share or for reimbursement by DOE.
- In addition, cost share must be available or accessible at the time of submission of the application, as described below.
- A written assurance (e.g., commitment) must be provided at the time of application submission. The written assurance (e.g., commitment) is a binding guarantee that funds are available or, with respect to the use of equipment, contributed labor hours, or unrecovered indirect costs, accessible.
- **Cost share commitments cannot be dependent on some future event, such as receiving a grant, obtaining a loan, or securing an investor.**

Cost Share Contributions

- Although the cost share requirement applies to the project as a whole (including work performed by members of the project team other than the Recipient), **the Recipient is ultimately and legally responsible for the entire amount of cost share, if an award is made.**
- In addition, if an award is made, cost share will be verified, once invoiced.
- Documentation for all costs (evidence of expenditures) associated with the project will be required with each and every request for reimbursement from DOE for DOE's portion of those costs.
- DOE requires Recipients to contribute the cost share amount incrementally over the life of the award, on an invoice-by-invoice basis. In limited circumstances, and where it is in the government's interest, the DOE Contracting Officer may approve a request by the Recipient to meet its cost share requirements on a less frequent basis.

Cost Share Contributions

- Contributions must be:
 - Specified in the project budget
 - Verifiable from the Recipient's records
 - Necessary and reasonable for proper and efficient accomplishment of the project
- 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.



Cost Share Contributions

As all sources of cost share are considered part of total project costs, the cost share dollars will be scrutinized under the same Federal regulations as Federal dollars to the project.



Allowable Cost Share

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

Entity	Cost Principles
Educational Institutions	2 CFR Part 200 – Subpart E
State, Local, and Indian Tribal Governments	2 CFR Part 200 – Subpart E
Non-profit Organizations	2 CFR Part 200 – Subpart E
For-profit Organizations	FAR Part 31

Allowable Cost Share

- **Cash Contributions**

May be provided by the Recipient, Subrecipient, or a Third-Party

- **In-Kind Contributions**

Can include, but are not limited to:

- Contribution of time
- Unrecovered indirect costs
- Unrecovered facilities and administrative costs
- Rental (or lease) value of buildings, land, or equipment
- Value of a service, other resource, or third-party in-kind contribution.



Unallowable Cost Share

The 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 (e.g., federal grants, equipment owned by the federal government), unless allowed by law;
- Renewable Energy Credits (RECs) or other green attribute monetization funds;
- Any form of cost sharing received after the DOE grant period **or** those received prior to being selected for award under this FOA; and
- The same cash or in-kind contributions to meet cost share requirements for more than one project or program

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Content and Form of Applications

- Applications must include:

• Application for Federal Assistance Form SF-424*

• Summary Slide

• Technical Volume - 15-page limit

• Workplan - 5-page limit, excluding the Milestone Table

• Eligibility Statements and Evidence*

• Applicant Tribal Council Resolution or Declaration of Commitment and Cost Sharing File*

• Participant Letters of Commitment and Cost Sharing File*

• Resumes

• Budget Justification Workbook (IE 540.132-01)

* Denotes documents which must be executed or signed by an authorized representative

Content and Form of Applications

DOCUMENTS

- [DE-FOA-0002771_Powering U](#)

APPLICATION FORMS AND TEMPLATES

The following forms and templates constitute all the documents required for an application. Please refer to the announcement to learn more about each document.

Full Application

- [Application for Federal Assistance](#)
- [Summary Slide](#) (Last Updated: 10/26/2023)
- [Technical Volume](#) (Last Updated: 10/26/2023)
- [Workplan](#) (Last Updated: 10/26/2023)
- [Eligibility Statements and Evidence](#)
- [Budget Justification Workbook](#)
- [Subrecipient Budget Justification](#)
- [Budget Support \(Must be signed\)](#)
- [Cost Share Reduction Request](#)
- [Applicant Registration Certificate](#)
- [SF-LLL Disclosure of Lobbying](#)

View Burden Statement

Application for Federal Assistance SF-424

* 1. Type of Submission: Preapplication Application Changed/Corrected Application

* 2. Type of Application: New Continuation Revision

* If Revision, select appropriate letter(s): _____

* Other (Specify): _____

* 3. Date Received: _____

4. Applicant Identifier: _____

5a. Federal Entity Identifier: _____

5b. Federal Entity Identifier: _____

State Use Only: _____

6. Date Received by: _____

8. APPLICANT INFORMATION

* a. Legal Name: _____

* b. Employer/Taxpayer Identification Number: _____

d. Address:

* Street1: _____

* Street2: _____

* City: _____

* County/Parish: _____

* State: _____

* Province: _____

* Country: _____

* Zip / Postal Code: _____

e. Organizational Information

Department Name: _____

Project Summary

Summary of the proposed project (e.g., project description, technology type, system(s) size, project location, and how the project integrates into the goals/vision of the Applicant).

Insert a picture or document summarizing key milestones, outcomes, and other relevant information.

U.S. DEPARTMENT OF ENERGY | Office of Indian Energy

Technical Volume

[Applicant Organization Name]

[IE-Exchange Control Number]

Technical Volume Cover Page(s)

Note: Cover page(s) and Table of Contents are not counted against the maximum number of Technical Volume pages.

Workplan

[Applicant Organization Name]

[IE-Exchange Control Number]

Workplan

[Applicant Organization Name]

[Control Number]

ELIGIBILITY STATEMENTS AND EVIDENCE

All Applicants are required to submit eligibility statements that document and provide evidence of Applicant and land status eligibility to support DOE's eligibility determination. Complete the eligibility questions below, attach the requisite evidence, and certify below.

The form must be signed by an authorized representative, either digitally or manually in ink and scanned. Typed signatures do not constitute a digital signature.

Save the completed Eligibility Statements and Evidence form and any additional evidentiary information as a single or multiple PDF files (no more than 3 files including the form) and submit as part of your application. Note: The maximum file size that can be uploaded to the IE-Exchange website is 50MB. If multiple files are submitted, use the convention for the title "ControlNumber_LeadOrganization_Eligibility", denoting the subsequent files as "Part_1" and "Part_2", and submit as part of your application. The use of the Eligibility Statements and Evidence template is not required; however, the information included within the Eligibility Statements and Evidence template is required.

Pursuant to its authorizing statute, the DOE Office of Indian Energy will only consider applications from: (1) an Indian Tribe, which include Alaska Native Regional Corporations and Village Corporations; (2) Intertribal Organization, or (3) Tribal Energy Development Organization; and (4) on whose Tribal Lands the project(s) will be located (see Section III, Eligibility Information, and Appendix A of the FOA for further definition).

Applications from a consortium of Indian Tribes (Tribal Consortium) will be accepted but must be submitted by a single Indian Tribe acting as the Applicant representing the Consortium. Applications

language and appropriate Publicly Release – and footer" and "bracketing"

an overview of the energy system(s) and/or an attachment, see Site and proposed project and their how the proposed project of energy saved, displaced, e.g., replicability, resiliency, hard energy independence,

project and only a few

relevant background related to projects or initiatives, the regulations or codes or

Content and Form of Applications

- Applications must include:

• Application for Federal Assistance Form SF-424*

• Summary Slide

• Technical Volume - 15-page limit

• Workplan - 5-page limit, excluding the Milestone Table

• Eligibility Statements and Evidence*

• Applicant Tribal Council Resolution or Declaration of Commitment and Cost Sharing File*

• Participant Letters of Commitment and Cost Sharing File*

• Resumes

• Budget Justification Workbook (IE 540.132-01)

Content and Form of Applications

- Continued:

- Subrecipient Budget Justification Workbook (IE 540.132-01)

- Budget Support*

- Cost Share Reduction Request*

- Applicant Registration Certifications*

- SF-LLL: Disclosure of Lobbying Activities*

- Potentially Duplicate Funding Notice (PDFN) File

- Site and Resource Maps and Graphics File

- Studies and Analyses File

- Design and Engineering File

- Economics File

* Denotes documents which must be executed or signed by an authorized representative

Content and Form of Applications

DOCUMENTS

- [DE-FOA-0002771_Powering_Unelectrified](#)

APPLICATION FORMS AND TEMPLATES

The following forms and templates may be used to construct an application.

Full Application

IE 540.132-01 Budget Justification Instructions and Summary

Control Number:

Applicant:

PLEASE READ ALL INSTRUCTIONS
If you have any questions, email [IE-424@hq.doe.gov](#)

GENERAL WORKBOOK INSTRUCTIONS

- Blue colored cells contain instructions, headers, or summary calculations and should not be modified.
- Enter detailed information by cost category on tabs a. through i. This Instructions and Summary tab and tabs a. through i. must be Total Costs including both requested Federal (DDE) funds and non-Federal (DDE) funds.
- The costs on tabs a. through i. must be Total Costs including both requested Federal (DDE) funds and non-Federal (DDE) funds.
- Ensure all costs are allowable, allocable, and reasonable in accordance with the administrative requirements (FAR Part 31 for For-Profit entities; 2 CFR Part 200 Subpart E - Cost Principles for all other non-Federal entities).
- Except for Contractual costs (tab f), all cost categories must reflect only the Applicant's proposed costs.
- The Contractual (tab f) must include costs for all Subawardees (Vendor or Subrecipient) and Federal Financial Assistance (FFA) recipients.

INSTRUCTIONS - PLEASE READ

- Costs below will auto-populate.
- Only include the proposed project period dates (start and end) and any additional comments, as needed.

Section A - Budget Summary

Federal	Cost Share	Total Cost	Cost Share %
\$0	\$0	\$0	0.00%

Section B - Budget Categories

CATEGORY	Project Period	Total Cost	% of Project
a. Personnel		\$0	0.00%
b. Fringe Benefits		\$0	0.00%
c. Travel		\$0	0.00%
d. Equipment		\$0	0.00%
e. Supplies		\$0	0.00%
f. Contractual		\$0	0.00%
Vendor		\$0	0.00%
Subrecipient		\$0	0.00%
FFRDCs		\$0	0.00%
Total Contractual		\$0	0.00%
g. Construction		\$0	0.00%
h. Construction		\$0	0.00%
Total Direct Cost		\$0	0.00%
i. Indirect Charges		\$0	0.00%
TOTAL COSTS		\$0	0.00%

Additional Expenditures (if needed):

BURDEN DISCLOSURE STATEMENT

Public reporting burden for this collection of information is estimated to average 3 hours per response, including the time for reviewing the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Information Management Policy, Planning, and Oversight, 4000...

Instructions and Summary a. Personnel b. F

BUDGET SUPPORT

The Budget Support provided in this document is to supplement and complete the Justification Workbook form (IE 540.132-01). Complete the header information in response to the questions below, attach any necessary supplemental information to your application.

The Budget Support template must be signed by an authorized representative of the Applicant or manually in ink and scanned. Typed signatures do not constitute a signature.

APPLICANT REGISTRATION CERTIFICATIONS

All Applicants must certify that all system registrations have been completed. The Applicant Registration Certifications template is not required, but the information included with the Applicant Registration Certifications template is required.

Specifically, this certification must confirm that the Applicant has:

- Registered in [IE-Exchange](#) and obtained a control number that will be required for the application;
- Obtained a Unique Entity Identifier (UEI) number, has registered in [SAM](#) and maintain an active SAM registration with current information at all times during the active federal award or an application or plan under consideration by a federal agency;
- Registered in [FedConnect.net](#) in order to receive award documentation; and
- Registered in [Grants.gov](#) in order to receive automatic updates when Amendments are posted.

The Applicant Registration Certifications template must be signed by an authorized representative of the Applicant either digitally or manually in ink and scanned. Typed signatures do not constitute a signature.

Save the completed and signed Applicant Registration Certifications template as a single PDF file using the following convention for the title: "ControlNumber_LeadOrganization_Registration_Certifications" and submit as part of your application.

Note: These certifications are in addition to those certifications and assurances an Applicant must provide when signing the Application for Federal Assistance (SF-424). The list of those certifications and assurances is in Field 21 of the SF-424 form and can be found at [http://www.doe.gov/energy/efia/efia_forms/sf424/](#)

[Applicant Organization Name]

[Control Number]

COST SHARE REDUCTION REQUEST

Please complete the questions below using the instructions in blue. Once complete, please delete the instructions, certify the information on the last page, and save as a single PDF file using the following convention for the title: "ControlNumber_LeadOrganization_Registration_Certifications" and submit as part of your application.

Although an Applicant may request a cost share reduction through the Request for Proposal process, the Applicant must also complete the Cost Share Reduction Request form.

[Applicant Name]

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

Approved by OMB 4040-0013

1. * Type of Federal Action:

a. contract
 b. grant
 c. cooperative agreement
 d. loan
 e. loan guarantee
 f. loan insurance

2. * Status of Federal Action:

a. bid/offer/application
 b. initial award
 c. post-award

3. * Report Type:

a. initial filing
 b. material change

For Material Change Only:
 year quarter
 date of last report

4. Name and Address of Reporting Entity:

Prime SubAwardee Tier if known:

* Name
 * Street 1 Street 2
 * City State Zip
 Congressional District, if known:

6. * Federal Department/Agency:

7. * Federal Program Name/Description:
 CFDA Number, if applicable:

8. Federal Action Number, if known:

9. Award Amount, if known: \$

10. a. Name and Address of Lobbying Registrant:

Prefix * First Name Middle Name
 * Last Name Suffix
 * Street 1 Street 2
 * City State Zip

b. Individual Performing Services (including address if different from No. 10a)

Prefix * First Name Middle Name

Content and Form of Applications

- Continued:

- Subrecipient Budget Justification Workbook (IE 540.132-01)

- Budget Support*

- Cost Share Reduction Request*

- Applicant Registration Certifications*

- SF-LLL: Disclosure of Lobbying Activities*

- **Potentially Duplicate Funding Notice (PDFN) File**

- **Site and Resource Maps and Graphics File**

- **Studies and Analyses File**

- **Design and Engineering File**

- **Economics File**

* Denotes documents which must be executed or signed by an authorized representative

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Application Eligibility Requirements

- Applicants must submit an Application by **May 16, 2023, at 5:00 PM Eastern Time**
- Applications are eligible for review only if:
 - The Applicant is an eligible entity (Section III.A of FOA)
 - The Cost Share requirement is satisfied (Section III.B of FOA)
 - The Application complies with the content, format, and submission requirements in Section IV.A and Section IV.C. of the FOA;
 - The Applicant successfully uploaded *all* required documents and clicked the “Submit” button in IE-Exchange by the deadline stated in the FOA.
 - The proposed project is responsive to the intent of the FOA (Section I and Section III.D of FOA)
 - The Application meets any other eligibility requirements identified in Section III of the FOA.
- **DOE will not make eligibility determinations for potential Applicants prior to the date on which Applications to this FOA must be submitted. The decision whether to submit an Application in response to this FOA lies *solely* with the Applicant.**

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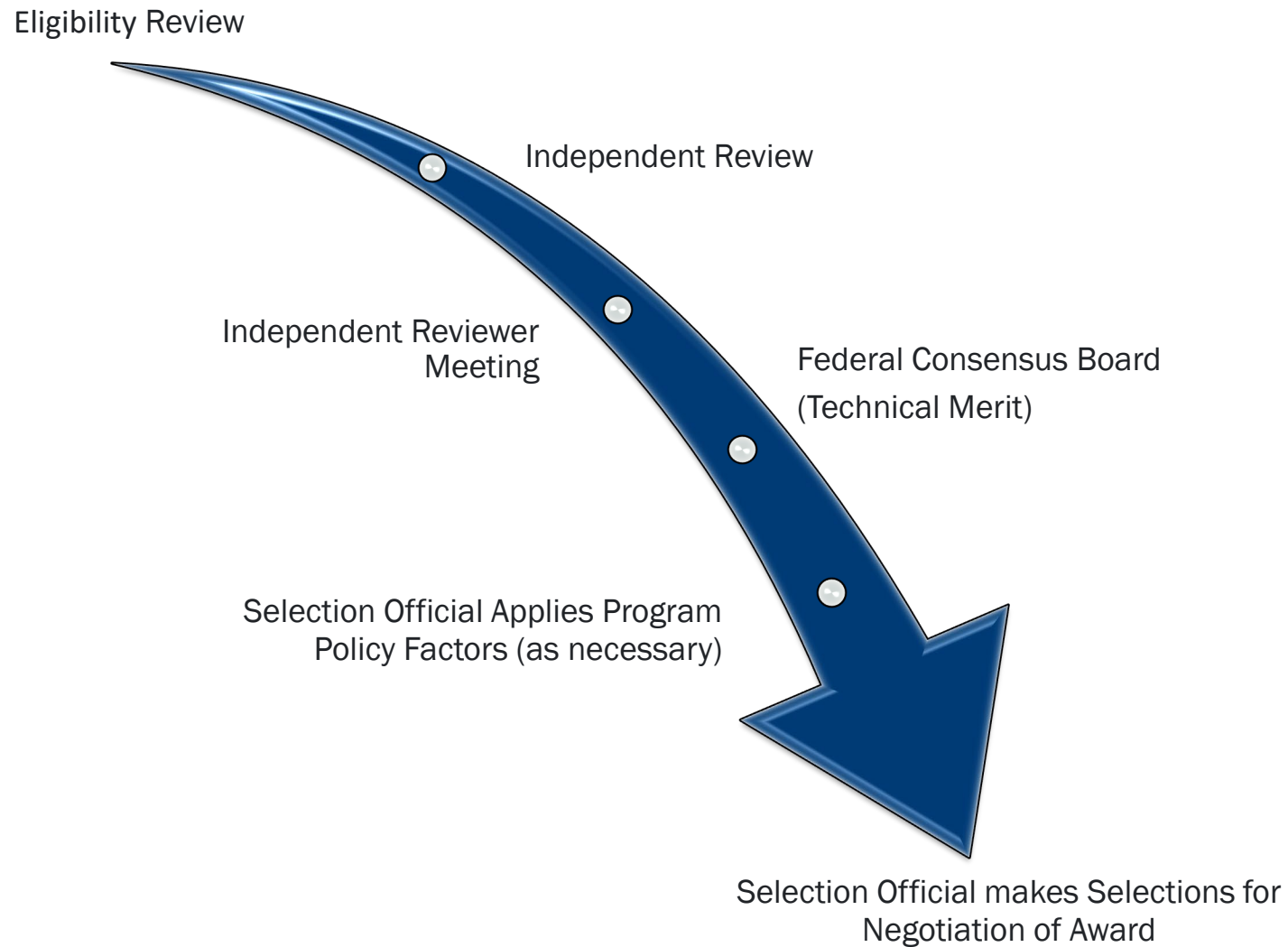
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Merit Review and Selection Process

- The Merit Review and Selection Process consists of a series of reviews including an initial eligibility review, rigorous technical review, and programmatic 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 selection decisions.

Merit Review Process



Technical Merit Review Criteria

Criterion	Weight
Criterion 1: Goals and Objectives	10%
Criterion 2: Project Description and Outcomes	50%
Criterion 3: Roles, Responsibilities, Capabilities and Commitment	30%
Criterion 4: Workplan	10%

Technical Review Criteria

Applications under all Topic Areas will be evaluated against the merit review criteria shown below. The sub-criteria under each criterion are of equal weight, unless otherwise specified.

Criterion 1: Goals and Objectives (10%)

- Clarity and completeness of the Executive Summary including:
 - Concise overview of the proposed project;
 - Description of the Indian Tribe, Intertribal Organization, or Tribal Energy Development Organization and if applicable, a description of the Tribal Organization submitting the application on behalf of the Indian Tribe, or Tribal Consortium, including the:
 - long-term energy goals and vision,
 - organizational structure, and
 - demographics;
 - and,
 - Discussion of the project goals and objectives, and how the project integrates into the vision and long-term goals of the Applicant.
- Extent to which the proposed project provides economic (e.g., money saved, jobs, etc.) and other benefits to the Indian Tribe(s) and tribal community.
- Soundness of the discussion of the need for and impact of DOE funding to the proposed project and the implications if not funded.

Technical Review Criteria - Continued

Criterion 2: Project Description and Outcomes (50%)

- Clarity and completeness of the detailed project description
- Technical viability of the proposed project, including
 - o Adequacy of the
 - 1) Energy audit(s) or energy industrial energy assessment(s); and/or
 - 2) Comprehensive feasibility study and availability of the renewable energy resource(s);
 - o Viability of the
 - 1) Energy efficiency measure(s) and completeness of the materials or equipment list(s); and/or
 - 2) Design and availability of commercially proven clean energy technologies;
 - o Reasonableness of the methodology to be used to install clean energy generating system(s), integrated energy system(s), energy storage, energy efficiency measure(s), or energy infrastructure;
 - o Clarity and completeness of the discussion of barriers that could impede the project and reasonableness of the plan to overcome those barriers;
 - o Reasonableness of the operation and maintenance (O&M) plan.

Technical Review Criteria - Continued

Criterion 2: Project Description and Outcomes (50%) - Continued

- Economic viability of the proposed project, including
 - Quality of the economic assessment;
 - Reasonableness of the payback period; and
 - Financial sustainability of the proposed project.
- Significance of outcomes, including:
 - Amount of energy saved, displaced, or generated;
 - Economic benefits (e.g., money saved, people trained, jobs created);
 - Environmental benefits (e.g., reduction in emissions); and
 - Other outcomes (e.g., replicability, resiliency, reliability, environmental stewardship, specific energy goal(s) met, step towards energy independence).

Technical Review Criteria - Continued

Criterion 3: Roles, Responsibilities, Capabilities and Commitment (30%)

- Soundness of the project management approach, including:
 - Organizational and individual roles and responsibilities;
 - Organizational relationships as evidenced by existing business or other agreements, if applicable.
 - Capabilities of the Applicant and participants to comprehensively address all aspects of the proposed project, including the reasonableness of any plan to obtain qualified Subrecipients or Vendors.
- Demonstrated level of commitment of the Applicant and each participating organization as evidenced by:
 - (1) Past energy-related efforts; and,
 - (2) Commitments to the proposed project as evidenced by Letters of Commitment.

Technical Review Criteria - Continued

Criterion 4: Workplan (10%)

- Clarity and completeness of the narrative description of each activity necessary to complete the project; and
- Likelihood of achieving project objectives through logical task structure.



Program Policy Factors

The Selection Official may consider the merit review recommendations, program policy factors, and the amount of funds available in arriving at selection decisions under this FOA.



Program Policy Factors

In addition to the Technical Review Criteria, the Selection Official may consider the following program policy factors (in no particular order) in determining which applications to select for award negotiations:

- The degree to which the proposed project, or group of projects, represent a desired **geographic distribution** (considering past awards and current applications);
- The degree to which the proposed project, or group of projects, represent a desired **technology diversity** (considering past awards and current applications);
- The degree to which the proposed project, including proposed cost share, **optimizes the use of available DOE funding** to achieve programmatic objectives;
- Whether the proposed project(s) **serves tribal communities with high energy costs**;
- Whether the proposed project(s) **serves tribal communities not connected to the traditional centralized electrical power grid**;
- The degree to which the proposed project will employ procurement of **U.S. iron, steel, manufactured products, and construction materials**; and,
- Applicants who have **not previously received a grant from the Office of Indian Energy**.

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Registration Requirements

- To apply to this FOA, Applicants must register, create an account, and submit applications through IE-Exchange at <https://ie-exchange.energy.gov>. Applications will only be accepted through IE-Exchange.
- **A control number will be assigned while registering in IE-Exchange. Retain this number as it will be required on all application documents.**

Registration Requirement	Website
UEI Number	https://www.sam.gov
SAM	https://www.sam.gov
FedConnect	https://www.fedconnect.net
Grants.gov	http://www.grants.gov

- The Applicant will be required to certify that these registrations have been completed and to include that certification as part of their application. Therefore, it is essential that these registrations be completed as soon as possible as some may take several weeks to process.
- Failure to complete the registrations below prior to submitting an application could result in DOE determining that the Applicant is not qualified to receive a federal award.

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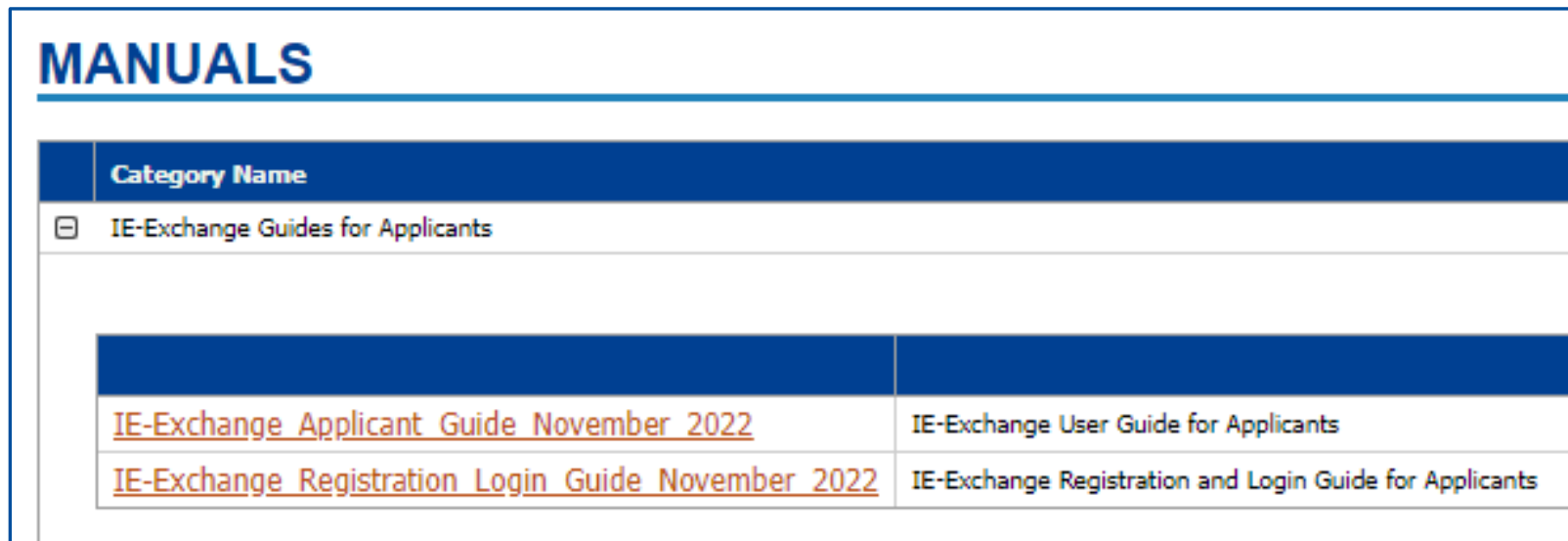
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Means of Submission

- Applications **must** be submitted through IE-Exchange at <https://ie-exchange.energy.gov>
- DOE will not review or consider applications submitted through any other means
- An *IE-Exchange Applicant Guide* and an *IE-Exchange Registration and Login Guide* can be found at <https://ie-exchange.energy.gov/Manuals.aspx>.



The screenshot shows a web page titled "MANUALS" with a table of guides. The table has a header row with "Category Name" and a sub-header row for "IE-Exchange Guides for Applicants". Below this, there are two rows of guides, each with a link and a description.

MANUALS	
Category Name	
IE-Exchange Guides for Applicants	
IE-Exchange Applicant Guide November 2022	IE-Exchange User Guide for Applicants
IE-Exchange Registration Login Guide November 2022	IE-Exchange Registration and Login Guide for Applicants

Key Submission Points

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



Key Submission Points

Protected Personally Identifiable Information

All information provided by the Applicant must to the greatest extent possible exclude Personally Identifiable Information (PII). The term “personally identifiable information” refers to information which can be used to distinguish or trace an individual's identity, such as their name, social security number, biometric records, etc. alone, or when combined with other personal or identifying information which is linked or linkable to a specific individual, such as date and place of birth, mother’s maiden name, etc. (See OMB Memorandum M-07-16 dated May 22, 2007, found at:

<https://www.whitehouse.gov/sites/default/files/omb/memoranda/fy2007/m07-16.pdf>

By way of example, Applicants must screen resumes to ensure that they do not contain PII such as personal addresses, phone/cell numbers, personal emails, or social security numbers. In short, if the PII is not essential to the application, it should not be in the application.

Applicant Points-of-Contact

- Applicants must designate primary and backup points-of-contact in IE-Exchange with whom DOE will communicate during the process.
- These are the contacts that will be used to notify applicants of whether their applications was deemed non-responsive, non-compliant, unsuccessful, or selected for negotiation of an award.



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Questions

- Questions about this FOA?
 - Email TribalGrants@hq.doe.gov
 - All Q&As related to this FOA will be posted on the IE-Exchange website. See the Frequently Asked Questions (FAQs) for this particular FOA.
 - DOE will attempt to respond to questions within 3 business days, unless a similar Q&A has already been posted on the website.
 - You will be notified via email when a response to your question has been posted.



Questions

- Problems logging into IE-Exchange or uploading and submitting application documents to IE-Exchange?
 - Email Exchange helpdesk at ExchangeHelp@hq.doe.gov
 - Include the FOA name and number in the subject line
- Questions about this specific FOA?
 - All questions must be in writing.
 - Send any questions specific to the FOA via email to TribalGrants@hq.doe.gov.
 - Please include the FOA number in the subject line.



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Best Practices

- Please download the Funding Opportunity Announcement and read it thoroughly so you understand all the steps and requirements for submitting an application. Do not rely solely on this webinar.
- If you are considering submitting an application, please register in IE-Exchange as soon as possible to obtain a Control Number. This control number must be included on all application documents.
- Check the Frequently Asked Questions (FAQs) on IE-Exchange periodically for any supplemental information or amendments to the FOA.

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Office of Indian Energy

Telephone: (240) 562-1352

Email: indianenergy@hq.doe.gov

To receive periodic email information

“Get Our Email Updates”

By subscribing at

<http://energy.gov/indianenergy>

Social Media



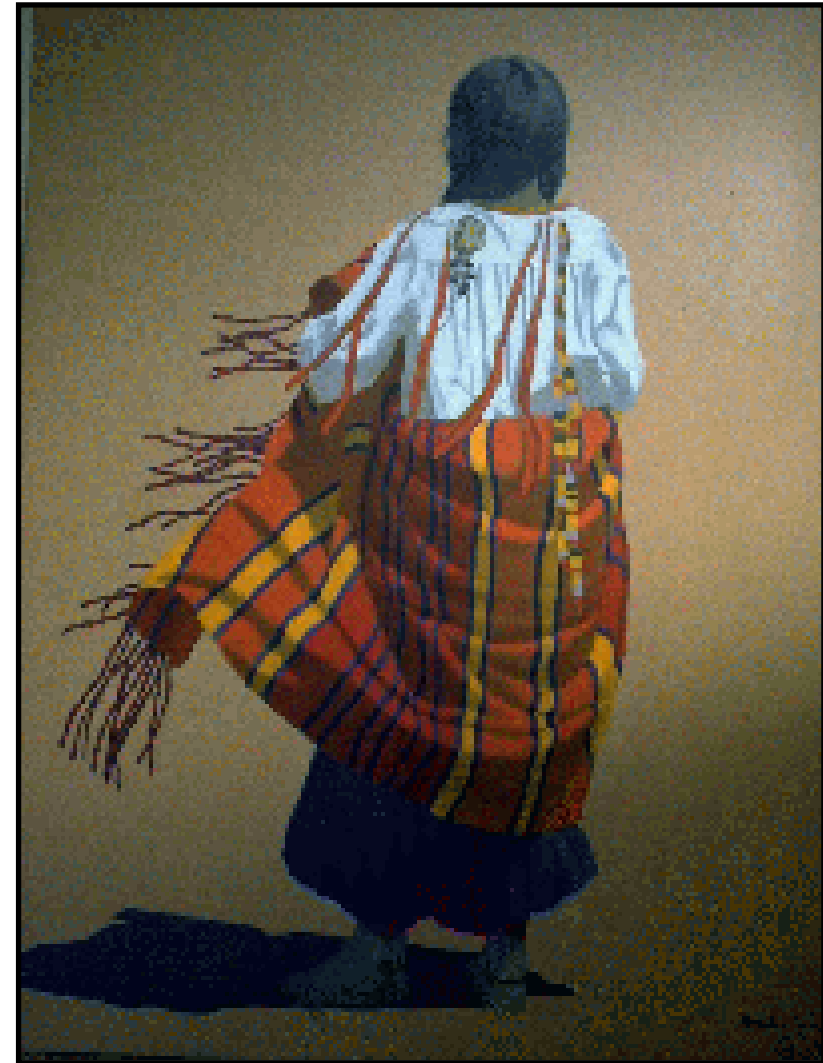
www.facebook.com/DOEIndianEnergy



<https://twitter.com/DOEIndianEnergy>



www.energy.gov/indianenergy





*Thank
You*