DOE OFFICE OF INDIAN ENERGY

Funding Opportunity Announcement Webinar

CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS – 2024 (DE-FOA-0003298) Lizana Pierce, Senior Engineer and Deployment Supervisor Tweedie Doe, Lead Project Officer





March 14, 2024 Send FOA Questions to <u>TribalGrants@hq.doe.gov</u>

Deployment Supervisor Lizana Pierce, Denver, CO



- Lizana Pierce manages the implementation of all Office of Indian Energy deployment programs: technical assistance, financial assistance, and education and capacity building.
- As Deployment Supervisor, she also serves as the principal engineering expert on these programs for the Director and Deputy Director.
 - Holds a Bachelor of Science degree in mechanical engineering
 - Brings 30 years of experience in energy technologies, project development, and management
 - Has dedicated nearly 25 years to assisting Indian tribes in developing their energy resources and building their human capacity to realize their energy visions

"One of the things that motivates me the most is the ability to touch people [and] to see how these energy projects have had a positive impact on the everyday lives of people and tribal communities."



Lead Project Officer Tweedie Doe, Denver, CO

- As Lead Project Officer, Tweedie Doe serves as a financial assistance program resource to tribes.
- She also oversees, reviews, analyzes, and evaluates a diverse grants portfolio comprising cooperative agreements, awards, and projects.
 - Holds a bachelor's degree in political science and a master's degree in international studies with emphasis on economics and human rights
 - Certified as a Project Management Professional and Project Officer and Contracting Officer Representative
 - Prior to joining DOE, worked with the Council of Energy Resource Tribes, collaborating with tribal leadership on energy and resource planning and management



"Each person on our team amazes me with their talents and commitment to our mission to improve the standard of living for tribal members. The drive I see in each person motivates me to do my part."



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





Deployment Program

Financial Assistance



Provides funding and financing to support tribal energy development

Technical Assistance



Offers technical assistance at no-charge to advance tribal energy and infrastructure projects

Education and Capacity Building

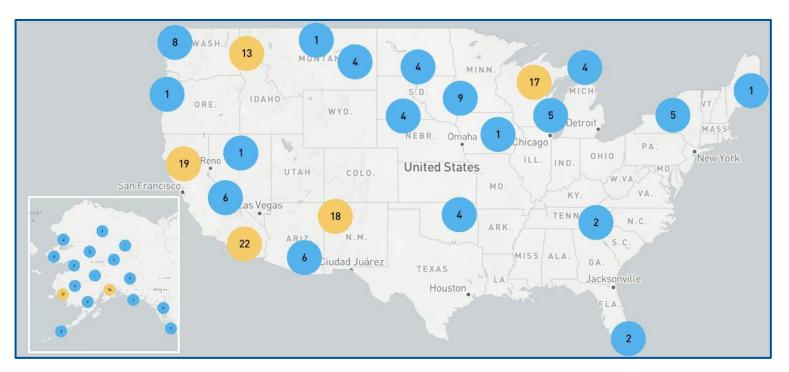


Supports internal capacity building to develop energy projects and navigate energy markets



Office of Indian Energy Investments 2010–2022

- More than \$120 million invested in over 210 tribal energy projects across the contiguous 48 states and Alaska
- Valued at more than
 \$215 million
- Leveraged by over \$93 million in recipient cost share



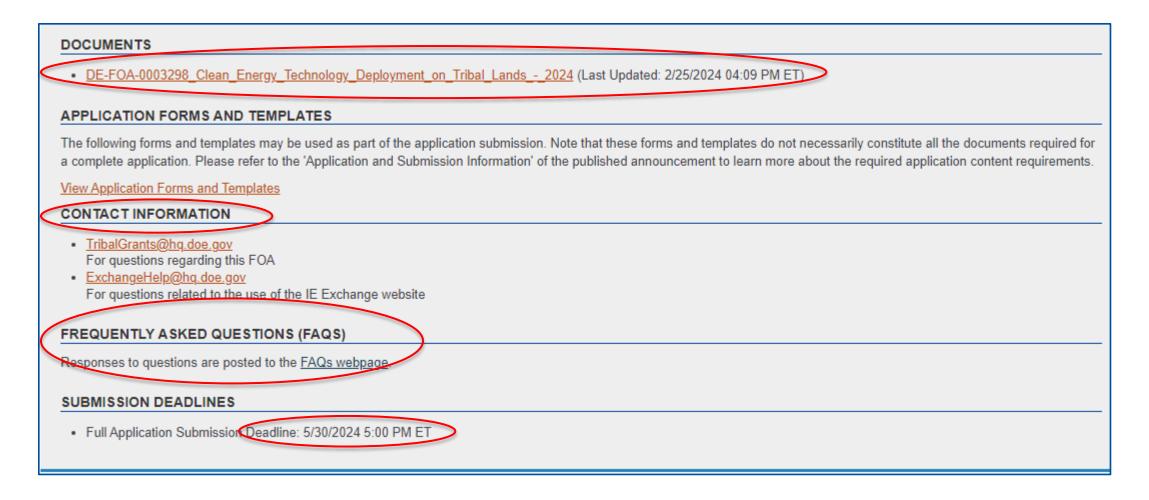
For more information on funded projects, see: energy.gov/indianenergy/tribal-energy-projects-database



DE-FOA-0003298: CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2024
DE-FOA-0003298: CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2024 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/or energy efficiency measure(s) for Tribal building(s) (Topic Area 1); or,
(2) Deploy community-scale clean energy generating system(s) or community 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 buildin during emergency situations or for tribal community resilience (Topic Area 3); or,
(4) Provide electric power to Tribal Building(s), which otherwise would be unelectrified (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 from 20% to 10%, all Applicants are required to provide non-federal cost share of at least 20% of the total allowable costs 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). Cost share reduction req of less than 10% of the total project costs will not be considered. If requested by the Applicant as part of its application, a cost share reduction from 20% to 10% may be considered 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 Section III.B.2. of the FOA and 'Application Forms and Templates' for this FOA on IE-Exchange).
DOE expects to make approximately \$25 million of federal funding available for new awards under this FOA. DOE anticipates making approximately 5 to 10 awards under this FO DOE may issue awards in one, multiple, or none of the Topic Areas.
See the FOA document for a 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.
Applicants that experience issues with submission PRIOR to the FOA deadline (in the event that an Applicant experiences technical difficulties with a submission), the Applicant si contact the Exchange helpdesk for assistance (ExchangeHelp@hq.doe.gov). The Exchange helpdesk will assist Applicants in resolving issues. However, those Applicants who ar unable to submit their applications because they are submitting them at the last minute, when network traffic is at its heaviest, will not be eligible for assistance from the Exchange helpdesk.
Upon the issuance of a FOA, DOE personnel are prohibited from communicating (in writing or otherwise) with Applicants regarding the FOA except through the established quest and answer process as described below. Specifically, questions regarding the content of this FOA must be submitted to: <u>TribalGrants@hq.doe.gov</u> not later than three (3) busines days prior to the application due date. All questions and answers related to this FOA will be posted on the Frequently Asked Questions (FAQs) webpage on IE-Exchange.
Informational Webinar:
The DOE Office of Indian Energy will conduct an informational webinar on March 14, 2024 (1:00-3:30 Mountain) to provide information on the FOA to potential applicants. In addit



https://ie-exchange.energy.gov



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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

- <u>Application for Federal Assistance SF-424 (Must be signed by an authorized representative)</u> (Last Updated: 2/25/2024 05:28 PM ET)
- Summary Slide (Last Updated: 2/25/2024 04:30 PM ET)
- Technical Volume (Last Updated: 2/25/2024 04:31 PM ET)
- Workplan (Last Updated: 2/25/2024 04:32 PM ET)
- Eligibility Statements and Evidence File (Must be signed by an authorized representative) (Last Updated: 2/25/2024 05:33 PM ET)
- Budget Justification Workbook form (IE 540.132-01) (Last Updated: 2/25/2024 04:33 PM ET)
- <u>Subrecipient Budget Justification Workbook form (IE 540.132-01)</u> (Last Updated: 2/25/2024 04:34 PM ET)
- Budget Support (Must be signed by an authorized representative) (Last Updated: 2/25/2024 05:32 PM ET)
- Cost Share Reduction Request (Must be signed by an authorized representative) (Last Updated: 2/25/2024 05:33 PM ET)
- <u>Applicant Registration Certifications (Must be signed by an authorized representative)</u> (Last Updated: 2/25/2024 05:31 PM ET)
- <u>SF-LLL Disclosure of Lobbying Activities (Must be signed by an authorized representative)</u> (Last Updated: 2/25/2024 05:33 PM ET)

Hide Application Forms and Templates

CONTACT INFORMATION

- <u>TribalGrants@hq.doe.gov</u>
- For questions regarding this FOA
- ExchangeHelp@hq.doe.gov
 For questions related to the use of the IE Exchange website

FREQUENTLY ASKED QUESTIONS (FAQS)

Responses to questions are posted to the FAQs webpage.

https://ie-exchange.energy.gov/Default.aspx#FoaIdef61fcf6-a21a-4d57-ab40-f8927c72f590



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"?

Questions and

answers will be

posted here

Answer 1:

As included in Section I.B. and Appendix A of the Funding Opportbuildings located on Tribal Lands, where the eligible tribal direction, and control over the project. Note that owner parties. Tribal Building(s) are those where the eligible tribal entity or tribal members or tribal organizatio Buildings may include, but are not limited to, **trib** stations, radio stations, washaterias, utility facilitie

Also, per Section III.A. "eligibility for award under this Organization; and (4) on whose Tribal Lands the project. "Tribal Building(s)," for the purposes of this FOA, is a single or multiple ishts and duties, specifically the ability to exercise authority, some of those rights and duties may be held by different he building and where the building is owned by the eligible inimum, for the useful life of the proposed project). Tribal ospitals, tribal government buildings, fire stations, police s." [Emphasis added]

oal Organization; or (3) Tribal Energy Development pendix 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.

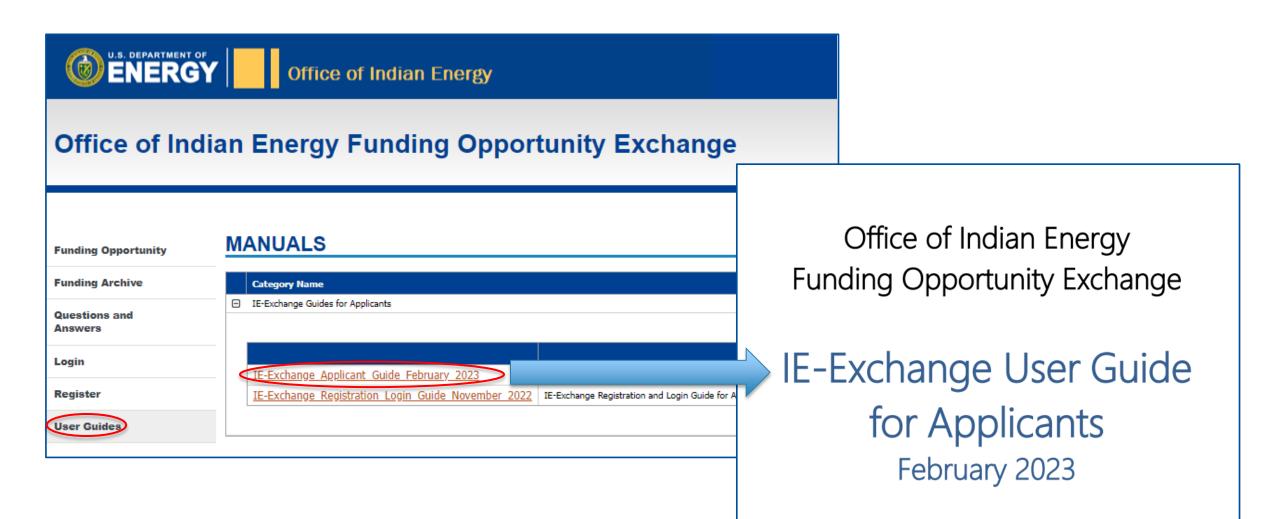
Question 2: I have a two urgent/time sensitive questions for which I would like some clarity prior to the webinar if at all possible: Question 1: Will Alaskan Native Corporations like mine have priority in introducing these technologies and how will that priority be exercised? Question 2: If there is 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;

https://ie-exchange.energy.gov/Default.aspx#FoaIdef61fcf6-a21a-4d57-ab40-f8927c72f590



https://ie-exchange.energy.gov





Funding Opportunity Announcement

CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2024

Funding Opportunity Announcement (FOA)

Number: DE-FOA-0003298

FOA Type: 0000

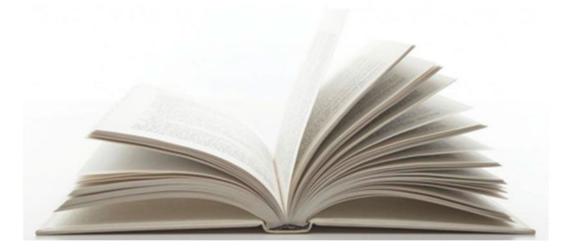
CFDA Number: 81.087

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* <u></u>		
FOA Issue Date:	February 27, 2024	
Informational Webinar:	March 14, 2024 at 3:00 pm Eastern Time	
Submission Deadline for Applications:	May 30, 2024 at 5:00 pm Eastern Time	
Expected Date for DOE Selection	Fall 2024	
Notifications:		
Expected Timeframe for Award	90 days after receipt of any requested	
Negotiations	supplemental information	



Read the Funding Opportunity Announcement, then Read it Again





IE-Exchange and Grants.gov Registrations

- To apply to this FOA, Applicants <u>must</u> 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 <u>all</u> application documents.
- The IE-Exchange registration does <u>not</u> 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 <u>only</u> be accepted through IE-Exchange, <u>not</u> through Grants.gov.



Other Registration Requirements

- All potential Applicants lacking a Unique Entity Identifier (UEI) number, or not yet registered with SAM or FedConnect <u>must</u> 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 <u>must</u> certify that <u>all</u> 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://ieexchange.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 <u>TribalGrants@hq.doe.gov.</u>



Agenda

Funding Opportunity Overview and IE Requirements
Required Application Documents
I Topic Areas
Applications Not of Interest
Award Information
Eligibility Information
Cost Sharing Requirements
Content and Form of Application
Application Eligibility Requirements
Merit Review and Selection Criteria and Process
Registration Requirements
Application Submission and Points-of-Contact
FOA Questions
Best Practices
Closing



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	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 community 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 \$25 million in federal funds. DOE anticipates making approximately 5 to 10 awards under this FOA. DOE may issue awards in one, multiple, or none of the Topic Areas.		



	Funding Opportunity Overview		
Award Amount	DOE funding per individual award will range from:		
(Minimum and Maximum)	 (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) no less than \$100,000 to a maximum of \$2,500,000 for Subtopic Area 3.a.,		
	(4) no 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.		



	Funding Opportunity Overview		
Eligible	ligible Pursuant to its authorizing statute, DOE's Office of Indian Energy will <u>only</u> consider		
Applicants	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.		



	Funding Opportunity Overview		
Cost Share A 20% cost share of the total allowable costs of the project (i.e., the sum of the fed			
Requirement	share, and the non-federal Recipient cost share of allowable costs equals the total		
	allowable cost of the project) is <u>required</u> , unless the 20% cost share requirement is		
	reduced to 10% as described in the FOA. All cost share must 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).		
Additional	In addition to the ability to consider geographic distribution, technology diversity and the		
Considerations	optimum use of available DOE funding to achieve programmatic objectives, the Selection		
in the Selection	Official may, through the application of program policy factors (see Section V.C.), give		
for Funding	additional consideration in the selection of applications for funding to: (1) whether the		
proposed project serves tribal communities with high energy costs; (2) whether			
	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.		



Funding Opportunity Overview		
Technical AssistanceWithin 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 not selected for negotiation. Such tech assistance will be provided on a priority basis over those who request technical assistance but do not 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.	



Funding Opportunity Overview		
Means of Submission	Applications <u>must</u> be submitted through IE-Exchange at <u>https://ie-exchange.energy.gov</u> , 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 <u>https://ie- exchange.energy.gov/Manuals.aspx</u> .	
Application FormsRequired forms and templates are available under 'Application Forms and Template FOA on IE-Exchange at https://ie-exchange.energy.gov .		
Applicant Notification	DOE will notify <u><i>all</i></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 <i>all</i> 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 <u>not</u> all inclusive and <u>cannot</u> exclusively be relied upon as they do <u>not</u> reflect all evaluation factors and requirements for this FOA. **Applicants <u>must</u> 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



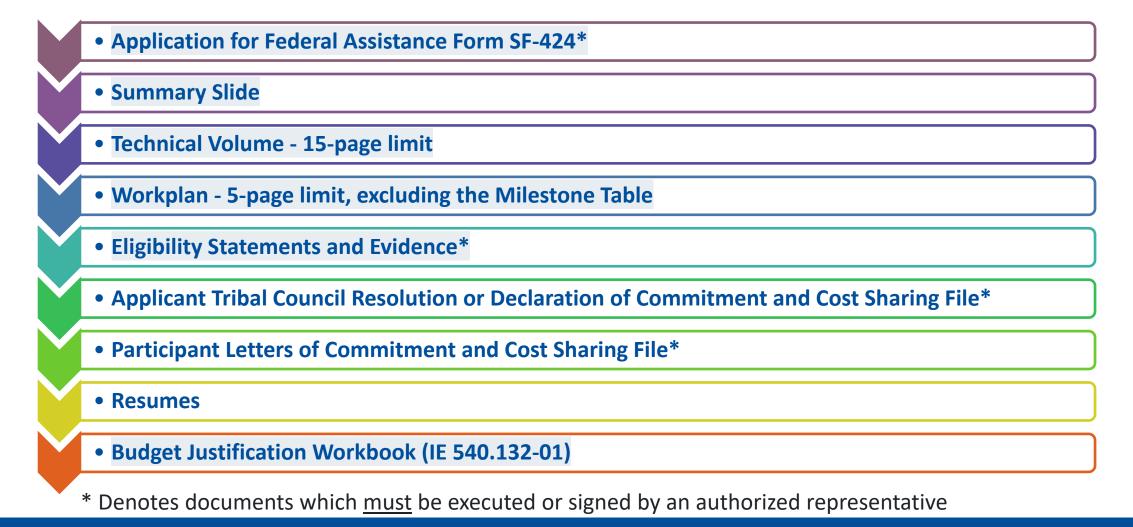
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Required Application Documents

• Applications <u>must</u> include:



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 <u>must</u> be executed or signed by an authorized representative

US. DEPARTMENT OF Office of Indian Energy

Agenda

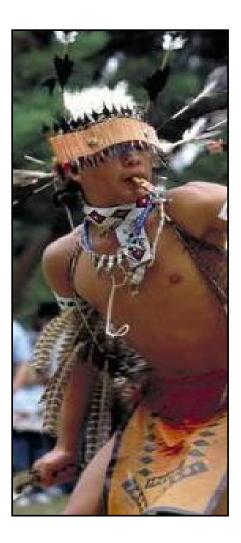
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Funding Opportunity Announcement

This FOA builds on efforts by the DOE Office of Indian Energy and the authorities granted to the DOE Office of Indian Energy under EPAct 2005, to accelerate the deployment of clean energy technology on Tribal Lands.

In addition to the \$75 million committed to tribal energy projects selected in 2023, 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.



Funding Opportunity Announcement

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

Through grants, the DOE Office of Indian Energy intends to provide financial support under the provisions of the Title V of EPAct 2005. Specifically, DOE's Office of Indian Energy is soliciting applications from **Indian Tribes, which include Alaska Native Regional Corporations and Village Corporations, 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.





Funding Opportunity Announcement – Topic Areas

CLEAN ENERGY TECHNOLOGY DEPLOYMENT ON TRIBAL LANDS - 2024 DE-FOA-0003298

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.)

Funding Opportunity Announcement – 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 Warrantied**
1.a.	Energy Generating System(s)	Х		Х	х		х		x					х		х	x	х
1.b.	Energy Efficiency Measure(s)	Х		Х	х	x		Х		x				х		х	x	х
1.c.	Energy Generating System(s) and Energy Efficiency Measure(s)	х		Х	х		х	х	х					х		х	х	х
2.a.	Community-Scale Energy Generating System(s)		x	х	х		х		x							х	x	х
2.b.	Community-Scale Energy Storage		x	Х	х		х				х					х	x	х
3.a.	Powering Essential Tribal Building(s)	х		х	х		х				х	х			х	х	х	х



Funding Opportunity Announcement – 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 Warrantied**
3.b.	Tribal Community Resilience		Х	х	х		х				х	x			Х	х	Х	х
4.a.	Integrated Energy System(s) for Electrification	x	х			x	х				х	х		х		х	х	х
4.b.	Energy Infrastructure for Electrification	x	х			x	x						х	х		х	Х	х

* 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 Warrantied" requirement applies to *all* Topic Areas and proposed technologies.



FOA Description

To be eligible, *all* proposed projects <u>must</u> have:

- (1) Completed energy studies and analyses (comprehensive feasibility study and/or energy audit(s) or industrial energy assessment(s)), and
- (2) Completed development (pre-construction) activities, and design and engineering (except *final* design and engineering).

<u>Only final</u> design and engineering activities directly resulting in the installation of clean energy technology or infrastructure, or verification of the actual energy generated, displaced, or saved (amount, cost, and percentage), are allowable activities under this FOA (see Section I.C., Applications Specifically Not of Interest).

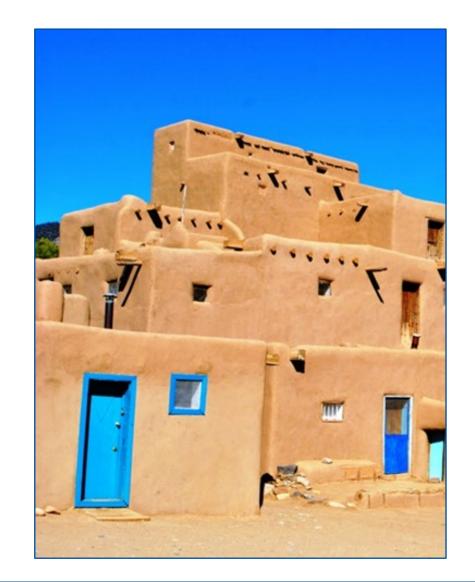


- "Grid-connected", for purposes of this FOA, means connected to the traditional centralized electric power grid.
- "Traditional centralized electric power grid" refers to the main power grids in the continental United States: (1) the Eastern Interconnected System (Eastern Interconnect); (2) the Western 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.





- **"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).





"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.







"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



"Integrated Energy System(s)" under Topic Area 3 (Integrated Energy System(s) for Autonomous Operation) and Subtopic Area 4.a. (Integrated Energy System(s) for Electrification) <u>mus</u>t, 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 <u>may</u> also include (4) conventional energy generation device(s); however, conventional energy generation device(s) are eligible <u>only</u> 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, <u>not</u> all of the components <u>must</u> be proposed for DOE funding; however, the integrated energy system(s) as a whole <u>must</u> meet the requirements under Topic Area 3.

See definitions under Appendix A.



Under **Subtopic Area 4.b. (Energy Infrastructure for Electrification)**, 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 <u>not</u> limited to, distribution substations, circuits, circuit breakers, switchgear, busbars, distribution lines, distribution transformers, capacitors, voltage regulators, meters, and utility poles.





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 <u>must</u> be addressed as part of the Technical Volume.

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

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



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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 <u>not</u> 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 proposing the cost of construction for a building(s) or structure(s) such as carports. <u>Only</u> 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 <u>not</u> 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 <u>only</u> 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 <u>not</u> limited to, site clearing, groundbreaking, equipment or system purchase or installation, building renovation, and building retrofits.



- 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 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 <u>only</u> under Topic Area 3 and Subtopic Area 4.a.
- Applications proposing the use of materials, supplies, or equipment which are <u>not</u> commercially proven and warrantied.



Applications proposing construction as a primary activity. For the purpose of this FOA, "construction" is defined as, but <u>not</u> 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 <u>not</u> 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 <u>not</u> be considered under this FOA unless such activity is integral to meeting the objectives of the FOA and <u>only</u> with prior written authorization from the Contracting Officer.



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FOA Executive Summary

Funding Opportunity Overview		
Total Amount to be Awarded	Approximately \$25 million in federal funds. DOE anticipates making approximately 5 to 10 awards under this FOA. DOE may issue awards in one, multiple, or none of the Topic Areas.	
Award Amount	DOE funding per individual award will range from:	
(Minimum and Maximum)	 (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	DOE anticipates making awards with a period of performance of approximately two (2) to	
Performance	four (4) years, which <u>must</u> include a mandatory 12-month verification period.	



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Who's Eligible to Apply?

- All Applicants will be <u>required</u> to provide eligibility statements and evidence to support DOE's eligibility determination (see Section IV.C.5.)
- DOE will <u>not</u> make eligibility determinations for potential Applicants <u>prior</u> 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. Applicants that do <u>not</u> meet the eligibility requirements under Section III.A. of the FOA will be deemed ineligible and their applications will <u>not</u> be reviewed or considered.
- In accordance with EPAct 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.



- "Indian Tribe," for the purposes of this FOA and as defined in in section 4 of the Indian Self-Determination and Education Assistance Act (<u>25 U.S.C. § 5304</u>), 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 (<u>85 Stat. 688</u>) [<u>43 U.S.C. § 1601, et seq.</u>], 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 8, 2024, 89 FR 5.



- "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 <u>not</u> limited to, intertribal councils, regional tribal organizations or associations, Alaska regional development organizations, and tribal federations.





- 3) "Tribal Energy Development Organization," for purposes of this FOA, means:
 - 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 EPAct (<u>25 U.S.C. § 3502</u>) 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 EPAct (<u>25 U.S.C. § 3504</u>), 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.



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 (<u>43 U.S.C. § 1601, et seq.</u>) 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.



"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 <u>not</u> 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;

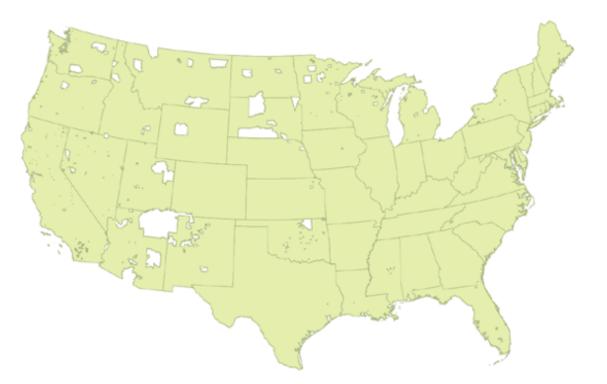
(ii) by an Indian tribe or an individual Indian, subject to restriction against alienation under laws of the United States; or

(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 (<u>43 U.S.C. § 1601, et seq.</u>), 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 (<u>43 U.S.C. § 1602(b)</u>)); 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.



For the purposes of this FOA and as defined under Part 503 of EPAct 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 EPAct 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.





QUESTIONS REGARDING ELIGIBILITY

DOE will <u>not</u> make eligibility determinations for potential Applicants <u>prior</u> 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 <u>solely</u> with the Applicant.





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 <u>not</u> 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 <u>must</u> 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, <u>only</u> cost share contributions made during the period of performance of the grant, if awarded, can be considered.
- Costs incurred prior to award selection <u>cannot</u> be considered as cost share or for reimbursement by DOE.
- In addition, cost share <u>must</u> be available or accessible at the time of submission of the application, as described below.
- A written assurance (e.g., commitment) <u>must</u> 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 <u>cannot</u> 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 <u>all</u> 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 <u>must</u> 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 <u>must</u> be allowable, be available or accessible at the time of submission of the application, and will be verified, once invoiced.
- 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 <u>not</u> 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;
- Any form of cost sharing received after the DOE grant period **or** those received prior to being selected for award under this FOA;
- The same cash or in-kind contributions to meet cost share requirements for more than one project or program; or
- Expenditures that were reimbursed under a separate federal program.

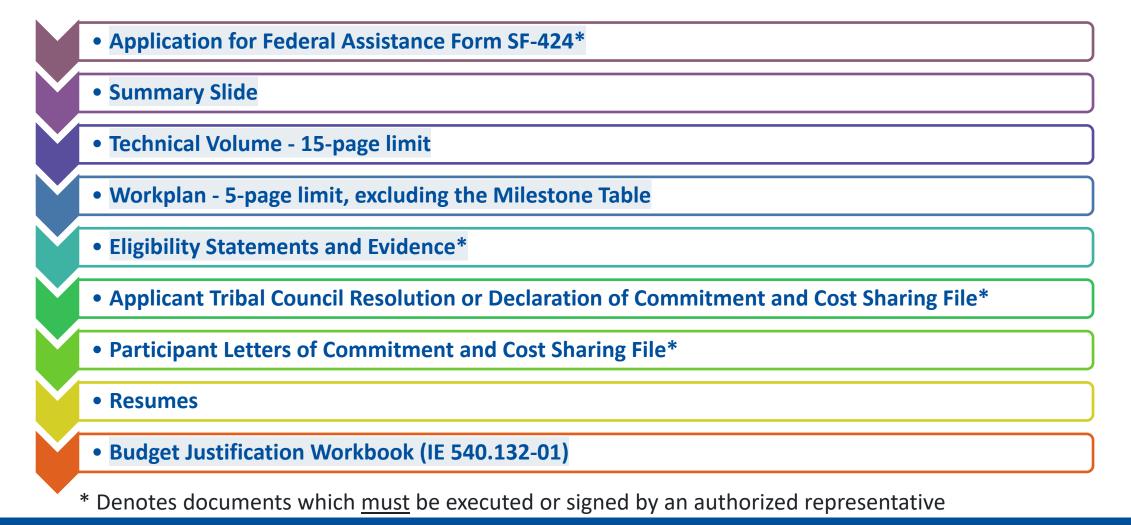


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• Applications <u>must</u> include:

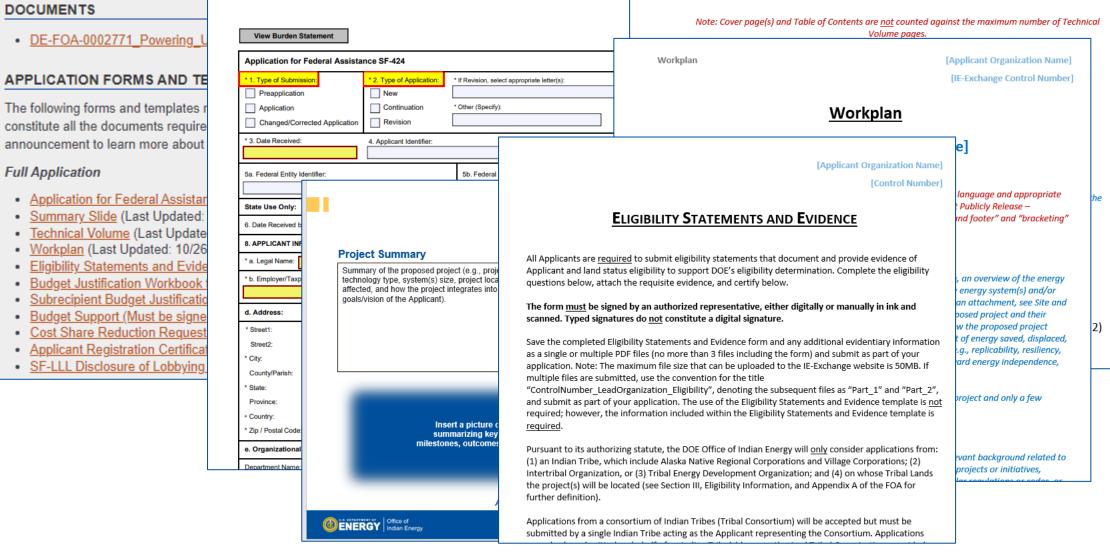


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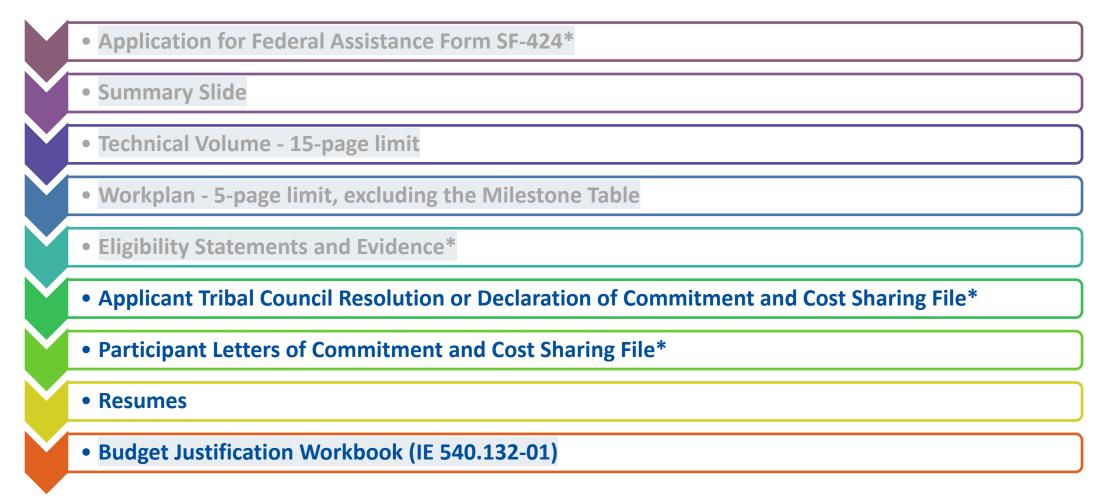
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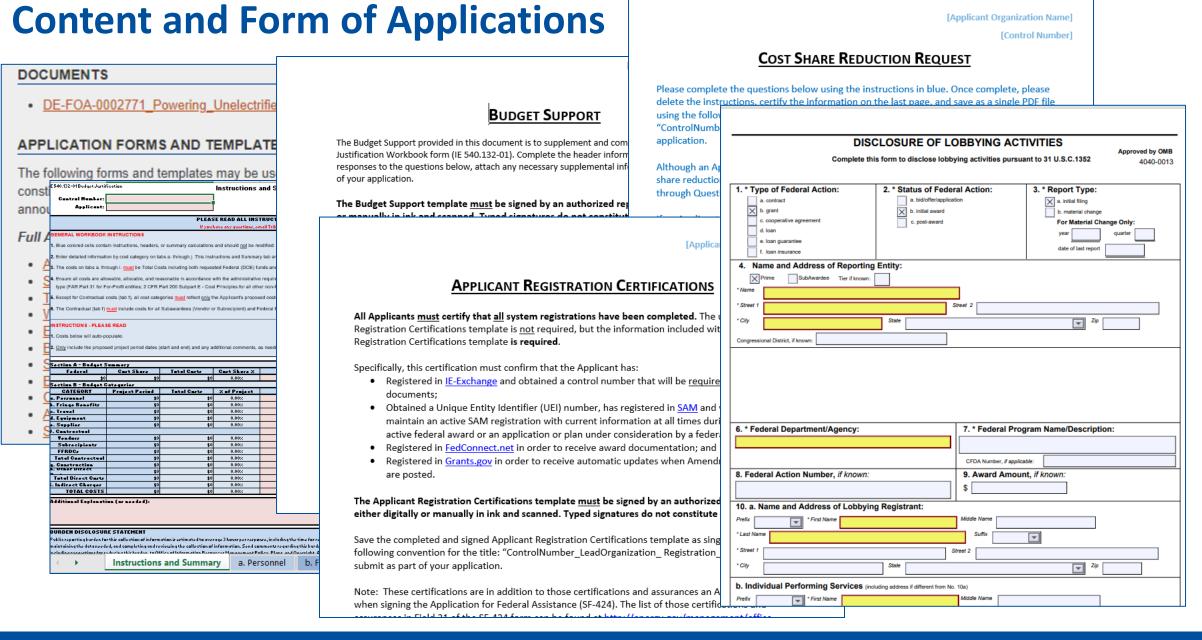


• Applications <u>must</u> include:



- 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 <u>must</u> be executed or signed by an authorized representative



U.S. DEPARTMENT OF Office of Indian Energy

• 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

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Application Eligibility Requirements

- Applicants must submit an Application by May 30, 2024, at 5:00 PM Eastern Time
- Applications are eligible for review <u>only</u> 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 <u>not</u> make eligibility determinations for potential Applicants <u>prior</u> 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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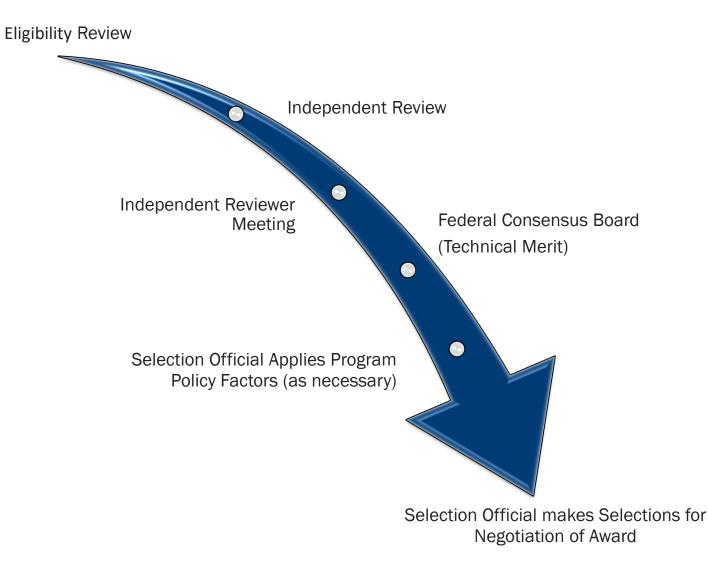


Merit Review and Selection Process

- 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 longterm 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 the proposed project, and the implications if <u>not</u> funded.



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 studies and analyses, including:
 - 1) Energy audit(s) or energy industrial energy assessment(s); and/or
 - 2) Comprehensive feasibility study and availability of the renewable energy resource(s);
 - Viability and quality of the completed design and engineering (except final design and engineering) as evidence by the Design and Engineering File that may include, but is not limited to, detailed engineering drawings, interconnection studies and/or agreements (if applicable), detailed materials and equipment lists, hardware specifications, warranties, and any other design or engineering data;
 - o Reasonableness of the methodology to be used to install clean energy generating system(s), energy efficiency measure(s), energy storage, integrated energy system(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.



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

- Economic viability of the proposed project, including
 - Quality of the economic assessment as evidenced by the Economics File, including, as a minimum, a (1) pro forma income statement, (2) pro forma cash flow analysis and its findings (e.g., Internal Rate of Return, Net Present Value), and (3) payback period calculations, in years, against **both** (a) the <u>total</u> project investment (DOE share and recipient cost share) and (b) solely against the recipient cost share, **and** each input and all assumptions identified;
 - Reasonableness of the payback period; and
 - \circ $\;$ Financial sustainability of the proposed project.
- Significance of outcomes, including, but not limited to:
 - Amount of energy generated, displaced, or saved;
 - 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).



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 project participants, as evidenced by the resumes, 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.



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 <u>must</u> register, create and account, and submit applications through IE-Exchange at <u>https://ie-exchange.energy.gov</u>. Applications will <u>only</u> be accepted through IE-Exchange.
- A control number will be assigned while registering in IE-Exchange. Retain this number as it will be <u>required</u> 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 <u>required</u> 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 <u>not</u> qualified to received a federal award.



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Means of Submission

- Applications **must** be submitted through IE-Exchange at <u>https://ie-exchange.energy.gov</u>
- DOE will <u>not</u> 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 <u>https://ie-exchange.energy.gov/Manuals.aspx</u>.

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



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 unsubmit 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 <u>must</u> 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 <u>must</u> screen resumes to ensure that they do <u>not</u> contain PII such as personal addresses, phone/cell numbers, personal emails, or social security numbers. In short, if the PII is <u>not</u> essential to the application, it should <u>not</u> 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, noncompliant, unsuccessful, or selected for negotiation of an award.





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Questions

• Questions about this FOA?

o Email <u>TribalGrants@hq.doe.gov</u>

- 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?
 - $\,\circ\,$ All questions <u>must</u> be in writing.
 - Send any questions specific to the FOA via email to <u>TribalGrants@hq.doe.gov</u>.
 - 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 <u>not</u> 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 <u>must</u> 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: <u>indianenergy@hq.doe.gov</u>

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