### DOE OFFICE OF INDIAN ENERGY Deployment Projects Kick-off Meeting Webinar

Lizana Pierce, Deployment Supervisor, Senior Engineer, and FOA Manager Tweedie Doe, DOE Lead Project Officer





July 20, 2023

### Deployment Supervisor Lizana Pierce, Denver, CO







- As Deployment Supervisor, Lizana Pierce manages the implementation of the Office of Indian Energy deployment program, including technical assistance, financial assistance, and education and capacity building.
- As senior engineer, she also serves as the principal engineering expert on these programs for the Director and Deputy Director.
- She also manages the national funding opportunity announcements and acts as DOE Project Officer for some of the resultant grants and agreements.
  - 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."



### General Engineer Josh Gregory, Denver, CO





- Josh Gregory serves as a technical expert administering financial assistance awards to American Indian Nations, Alaskan Native Villages, and tribal and intertribal organizations.
- He joined the Office of Indian Energy as an engineer in September 2021 and is duty-stationed in Denver, where he was born and raised.
  - Holds a Bachelor of Science in mechanical engineering
  - Prior to joining DOE, served 5 years as a mechanical engineer with the DOI Division of Energy and Mineral Development, assisting tribes with energy planning, assessment, and project development

*"Working in tribal energy has by far been the most inspiring and fulfilling work for me and I am honored to be a part of the team."* 

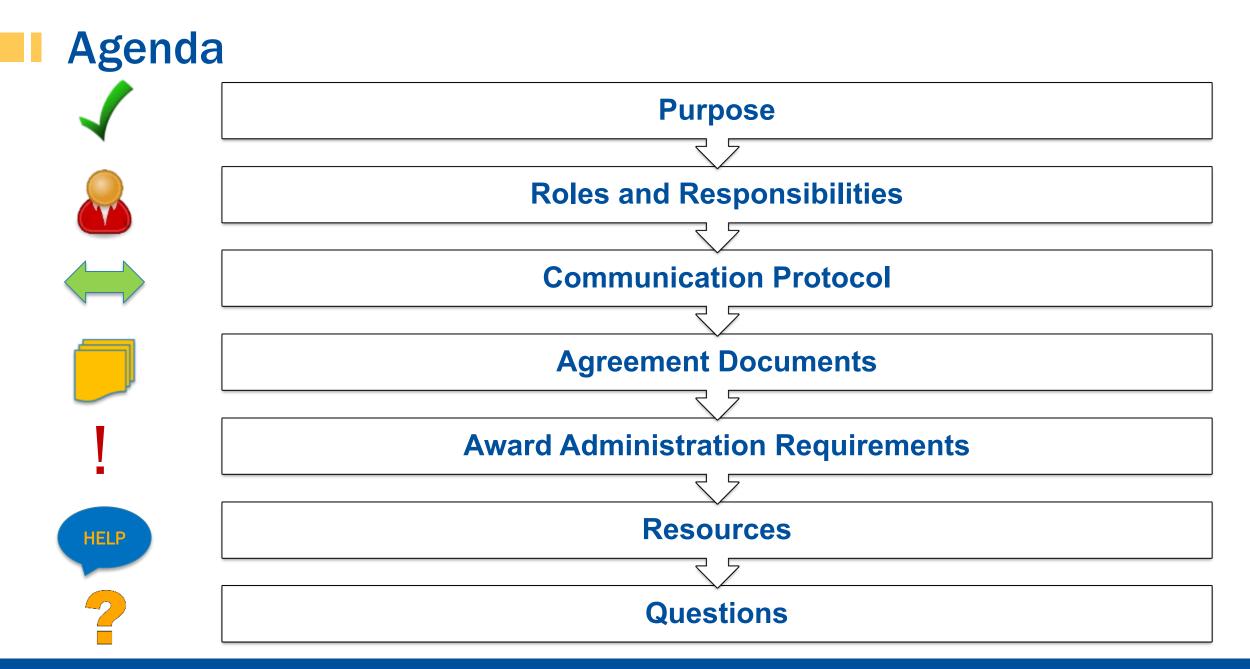


### General Engineer Mike Vehar, Miami, FL



- Mike Vehar serves as a technical expert administering financial assistance awards to American Indian Nations, Alaskan Native Villages, and tribal and intertribal organizations.
- He joined the Office of Indian Energy as an engineer in March 2023 and is duty-stationed in Miami, FL.
  - Holds a Bachelor of Science degree in Industrial Engineering Technology and Master's in Engineering Management and Systems
  - Prior to joining the DOE, served the Office of Indian Energy as a contractor engineer and technical project monitor administering financial assistance awards.
  - He also served in a similar role for the DOE Bioenergy Technologies Office, Solar Energy Technologies Office, and the Tribal Energy Efficiency and Conservation Block Grant Program.

"I am honored to be a part of the team working to advance the mission of the Office of Indian Energy for the ultimate benefit of American Indians and Alaska Natives."







- Provide you information on award documents and other requirements of the pending DOE grant.
- Answer any of your general questions regarding the grant agreement







# **Roles and Responsibilities**



### **DOE Project Contacts**

Name	Role	Responsibility
• Lizana Pierce	Deployment Supervisor & FOA Manager	<ul> <li>Responsible for implementing the Office of Indian Energy Deployment Program: Technical Assistance, Financial Assistance; and Education and Capacity Building</li> <li>Oversees the Deployment Program activities, staff, and technical aspects of the financial assistance process and projects</li> </ul>
<ul> <li>Tweedie Doe</li> <li>Josh Gregory</li> <li>Lizana Pierce</li> <li>Mike Vehar</li> </ul>	Project Officers	<ul> <li>Responsible for the technical aspects of the financial assistance process and projects</li> <li>Prime contact throughout the agreement</li> <li>Reviews, negotiates, and finalizes the Statement of Project Objectives (SOPO), technical milestones/deliverables, and Environmental Questionnaire</li> <li>Reviews the Budget and Budget Justification to ensure that the proposed costs are reasonable and support the SOPO</li> <li>Leads all negotiation calls</li> <li>Reviews quarterly and final reports</li> <li>Reviews and approves invoice payments</li> </ul>
<ul> <li>Jami Alley</li> <li>Sam Baker</li> <li>Nathan Ballenger</li> <li>Pat Gwin</li> <li>James Jensen</li> <li>Terrell Jones</li> <li>Jennifer Luna</li> <li>Kris Venema</li> <li>Roberta Wells</li> </ul>	Project Monitors (Contractors)	<ul> <li>Supports Project Manager for specific projects</li> <li>Secondary contact throughout the agreement</li> <li>Assists with reviews, negotiates, and finalizes the SOPO, technical milestones/deliverables, and Environmental Questionnaire</li> <li>Helps review the Budget and Budget Justification to ensure that the proposed costs are reasonable and support the SOPO</li> <li>Helps review quarterly and final reports</li> <li>Available to assist recipients and answer questions</li> </ul>



### **Federal Deployment Team**



Lizana Pierce, Senior Engineer and Deployment Supervisor



Tommy Jones, Deployment Specialist

ENERGY Office of Indian Energy

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Tweedie Doe, Lead Project Officer



Josh Gregory, General Engineer



Michael Stevenson, Lead General Engineer



Mike Vehar, General Engineer



### Project Monitors – Contractor Team





Jennifer (Jen) Luna, Lead



Jami Alley



Nathan Ballenger



Kris Venema



**James Jensen** 



### Project Monitors – Contractor Team





Sam Baker



Pat Gwin



**Terrell Jones** 



Roberta (Bobbie) Wells



**Brandon Kiger** 

### **DOE Procurement, Legal and NEPA**

Name	Role	Responsibility
• Liz Parrish	Contracting Officer	<ul> <li>Authorized to execute awards on behalf of DOE and is responsible for the business management and non-program aspects of the financial assistance process</li> <li>The <u>only</u> person who has the authority to obligate government funds, commit the government, and authorize new awards and changes to awards.</li> </ul>
<ul> <li>Mandy Aden</li> <li>Elizabeth Jones</li> <li>Susan Manley</li> <li>Abdulwahab Salih</li> </ul>	Grants Management/ Contracts Specialist	<ul> <li>Reviews the Budget Justification to ensure all proposed costs are treated in accordance with the applicable cost principles and evaluates the allowability, allocablility, and reasonableness of the costs</li> <li>Assists negotiation process</li> </ul>
• Kim Graber	Legal Counsel	<ul> <li>Provides legal advice and guidance to the program</li> <li>Reviews external documents</li> <li>Approves Evaluation and Selection Plan, Eligibility Determination, and Selection Statement and Analysis</li> <li>Makes Conflict of Interest Determinations</li> </ul>
• Casey Strickland	NEPA Compliance Officer	<ul> <li>Reviews proposed projects to evaluate the environmental and related social and economic effects of their proposed actions to ensure compliance with the National Environmental Policy Act (NEPA)</li> <li>Makes NEPA determinations on DOE funded projects</li> <li>Determines if a project will trigger any other regulatory requirements and ensures compliance with these regulations through actions such as consultation under the National Historic Preservation Act or the Endangered Species Act</li> </ul>



### **Roles & Responsibilities: Recipient**

### Conta



#### **Business Contact**

Must be a representative of the Recipient entity authorized to act on behalf of the Recipient in the daily administration of the grant and to negotiate the agreement (not necessarily the signatory).

All DOE official written correspondence related to this award agreement, would be addressed to the "Business Contact".

- Represents the organization relative to administrative and grant management;
- Maintains registrations in SAM;
- Maintains registrations in FedConnect.net;
- Formally accepts new award agreement and modifications in FedConnect.net;
- Ensures invoicing of the grant funds;
- Addresses questions relative to indirect rates, financial systems, and audits; and
- Ensures completion of quarterly financial report submissions and final financial reporting.



#### **Project Manager**

Authorized to act as the "project manager" on behalf of the Recipient entity and would be the prime point of contact for DOE's Project Officer during the project performance.

- Is the point of contact for the DOE Project Officer;
- Acts as the project manager on behalf of the Recipient organization;
- Completes the quarterly Progress Reports and Final Technical Report;
- Presents project progress at the Annual Program Review meeting;
- Generally manages and/or implements the project on behalf of the recipient organization.

Functions may be performed by one person or multiple people. For grant purposes, DOE is requesting one individual be designated to represent the Applicant organization as the Business Contact and one as the Project Manager. In some cases, the recipient may designate one individual to act as both the Business Contact and Project Manager.





# **Communication Protocol**



### **Communication Protocol**

- 1) DOE's communication will be exclusively with the Recipient. DOE has <u>no</u> privity of contract with any subcontractors, consultants, or vendors.
- 2) Expect direct, frequent and open communication on all project related matters (*e.g., project progress, DOE reimbursement, administrative changes to the agreement, reporting*).
- 3) Quarterly Progress and Financial Reports are the formal means for Recipients to communicate progress (*reminders from DOE sent in advance of due date with forms/ templates*).
- 4) Recipient should notify the DOE Project Contacts directly of any unplanned situation (*more on formal notification requirements later in the presentation*).
- 5) Any requests for Award Modification should be made via email to your DOE Project Contacts.



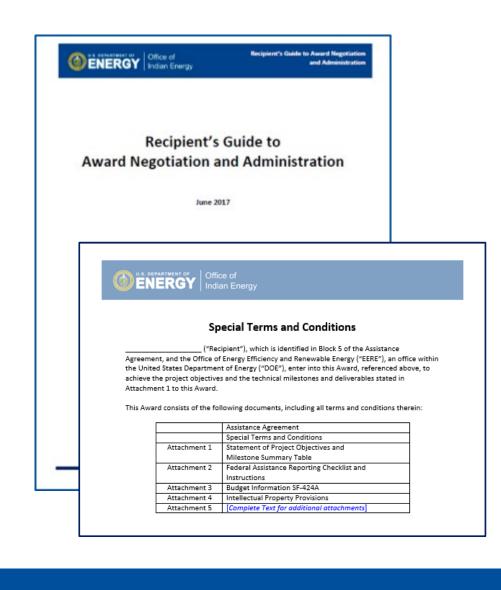




### **Congratulations!**

### Awardees notified of award and provided Recipient Guide







### Read Your Agreement

# **READ THE AWARD** DOCUMENTS **ESPECIALLY THE SPECIAL TERMS AND** CONDITIONS



Assistance Agreement

Indian Energy

- Special Terms and Conditions
- Attachment 1, Statement of Project Objectives (SOPO)
- Attachment 2, Federal Assistance Reporting Checklist
- Attachment 3, Budget Information
- Attachment 4, Intellectual Property Provisions

**Note:** Agreement documents, once executed by the DOE Contracting Officer will be available in FedConnect.net for Recipient acknowledgement.



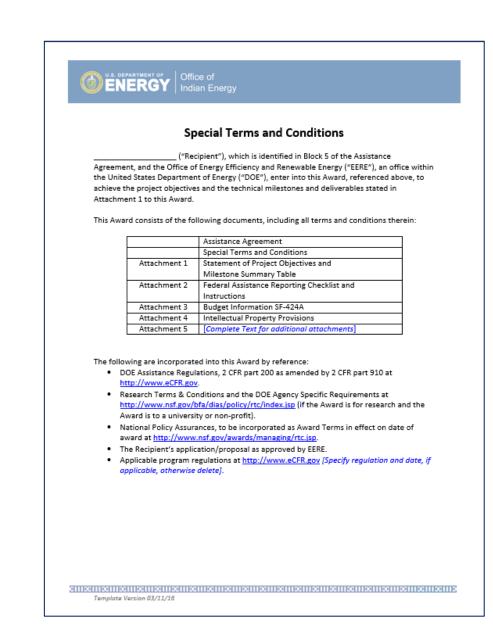
### **Assistance Agreement**

- Award Number
- Start and End Dates
- Project Title
- Funding Amounts
- Key Contacts
- DOE Officer
   Signatures
- Additional notes(Continuation Sheet)

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17. Submit Payment Requests Tos		18. Payir	ng Offices			19. Subr	nit Reports Tos	1	
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23. Name and Titles		24. Date Sig	neds 28. Nan	ne of Officers			27. Date Signeds		
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### **Special Terms & Conditions**

- Flow Down Requirements
- NEPA Requirements or Conditions
- Performance of Work in United States
- Purchase of American-Made Equipment and Products
- Property, Equipment, and Supplies Requirements and Provisions
- Cost Sharing Requirements
- Pre-award Costs
- Program Income
- Payment Procedures
- Budget Changes
- Subrecipient and Vendor Approvals



### Statement of Project Objectives (SOPO)

- Documents the project objectives & milestones
- Written in general terms to allow flexibility

	ipient Name: Project Title:			Milestone Summary T			
Task Number	Task Subtask (if Type Num		Milestone Number*	Milestone Description	Milestone Verification Process (What, How, Who, Where)	Anticipated Date (Months from Start of the Project)	Anticipated Quarter (Quarters from Start of the Project)
1.0	Material synt	thesis					
1.1	Batch Quality	Milestone	1.1.1	Demonstrate a 1L batch size with a >1.5% absolute performance improvement over a non-coated device	Send 5 slides to NREL for transmission test, 3 must meet pass over 350~1000nm ASTM173 spectrum	1	1
1.1	Batch Quality	Milestone	112	Demonstrate a 1L batch size with a >2.0% absolute performance improvement over a non-coated device	Send 5 slides to NREL for transmission test, 3 must meet pass over 350~1000nm ASTM173 spectrum	6	2
1.1	Batch Quality	Milestone	1.1.3	Demonstrate a 1L batch size with a >2.5% absolute performance improvement over a non-coated device	Send 5 slides to NREL for transmission test, 3 must meet pass over 350~1000nm ASTM173 spectrum	14	5
1.2	Batch Volume	Milestone	12.1	Demonstrate a 100L batch size with a >2.0% absolute performance improvement over a non-coated device	Send 5 slides to NREL for transmission test, 3 must meet pass over 350~1000nm ASTM173 spectrum	10	4
1.2	Batch Volume	Milestone	122	Demonstrate a 1000L batch size with a >2.5% absolute performance improvement over a non-coated device	Send 5 slides to NREL for transmission test, 3 must meet pass over 350~1000nm ASTM173 spectrum	16	6

DE-IE000XXXX.0000 Attachment 1

#### STATEMENT OF PROJECT OBJECTIVES

#### Solar Electric Deployment Project on Tribal Facilities

#### A. <u>Project Objectives</u>

The project objective is to install up to approximately 695 kilowatts of solar electric modules on the roofs of up to nine Tribal facilities with trust or fee status and located on the Reservation. The maximum system size is approximately 695 kilowatts that will generate an estimated 817,000 kilowatt-hours of energy per year with an estimated \$80,000 in projected revenue per year at net-meter rates.

The three primary benefits to the Tribe from this project are:

- Construction of approximately 695 kilowatts of photovoltaics to supply more than 10% of energy consumption,
- The funding strategy will introduce the Tribe to new avenues to pursue different energy technologies,
- 3) The project will be a significant contribution to the Tribe's renewable portfolio.

#### B. Project Summary

Solar arrays are planned to be installed on the roof of each of the nine building. Each building will undergo the necessary engineering and design to meet system and code requirements. The maximum system size is approximately 695 kilowatts that will generate an estimated 817,000 kilowatt-hours of energy per year with an estimated \$80,000 in projected revenue per year at net-meter rates. System size for each individual project was based on solar resource, energy consumption data, roof top dimensions and condition, interconnection capabilities, and utility net-meter criteria.

#### C. Tasks To Be Performed

#### Task 1 - Financial Strategy

#### Task 1.1 Initiate Capital Improvement Project (CIP), M1 to M3

The CIP process is a standard exercise for all Tribal capital projects that receive Tribal contribution, grants, and funding from other sources to complete capital projects. The CIP process is divided into four tasks: I. Project Request & CIP Package; II. Project Ranking & Approval; III. Professional Contract Approval & Design; and I.V. Project Bidding & Construction.



### **Federal Assistance Reporting Checklist**

- Quarterly Reports (Due 30 days after the calendar quarter)
  - Progress Report
  - Financial Report (SF-425)
- Final Reporting (Due 120 days after the project end date)
  - Final (comprehensive) Scientific/Technical Report
  - Final Financial Report (SF-425)
  - Final Property Report (SF-428 & SF-428B
- Annual reporting at the Program Review

U.S. DEPARTMENT OF ENERGY Office of Indian Energy		IE R 540.136-01: Federal Assistance Reporting Checklist (FARC) 08/2019
		Attachment 2
1. Award Number:	2. Program	/Project Title:
3. Recipient:		
4. Reporting Requirements (see attached "DOE Reporting Instructions"):	Frequency	Addressees* *See attached "DOE Reporting Instructions" for complete submission instructions
<ul> <li>I. PROJECT MANAGEMENT REPORTING</li> <li>A Research Performance Progress Report (RPPR) (RD&amp;D Projects)</li> <li>B. Progress Report (Non-RD&amp;D Projects)</li> <li>C. Financial Report (SF-425)</li> <li>D. Special Status Report</li> <li>E. Continuation Application</li> <li>F. Other (see Special Instructions)</li> <li>II. SCIENTIFIC / TECHNICAL REPORTING</li> <li>A Final Scientific/Technical Report</li> <li>B. Accepted Manuscript of Journal Article</li> <li>C. Scientific / Technical Conference Paper/Presentation/Proceeding</li> <li>D. Scientific / Technical Software &amp; Manual</li> <li>E. Scientific / Technical Dataset</li> <li>F. Other STI (Dissertation / Thesis, see Special Instructions)</li> </ul>	Q FQ A F	<ul> <li>A. https://www.eere-pmc.energy.gov/SubmitReports.aspx</li> <li>B. https://www.eere-pmc.energy.gov/SubmitReports.aspx</li> <li>C. https://www.eere-pmc.energy.gov/SubmitReports.aspx</li> <li>D. https://www.eere-pmc.energy.gov/SubmitReports.aspx</li> <li>F. https://www.eere-pmc.energy.gov/SubmitReports.aspx</li> <li>F. http://www.eere-pmc.energy.gov/SubmitReports.aspx</li> <li>A. http://www.esti.gov/elink-2413</li> <li>B. http://www.osti.gov/elink-2413</li> <li>C. http://www.osti.gov/elink-2413</li> <li>D. http://www.osti.gov/elink-2413</li> <li>D. http://www.osti.gov/elink-2414.jsp.or https://www.osti.gov/elink-2416-submission.jsp</li> <li>F. http://www.osti.gov/elink-2413</li> </ul>
<ul> <li>III. CLOSEOUT REPORTING</li> <li>A. Invention Certification (DOE F 2050.11)</li> <li>B. Final Property Report (SF-428 &amp; SF-428B)</li> <li>C. Other (see Special Instructions)</li> </ul>	F	A https://www.eere-pmc.energy.gov/SubmitReports.aspx B. https://www.eere-pmc.energy.gov/SubmitReports.aspx C. https://www.eere-pmc.energy.gov/SubmitReports.aspx
IV. OTHER REPORTINC         A. Intellectual Property Reporting         B. Invention Utilization Report         C. Project Management Plan (PMP)         D. Annual Incurred Cost Proposal         E. DOE For-Profit Compliance Audit         K F. Single Audit: States, Locals, Tribal Governments, and Non-Profits         G. Annual Property Inventory (SF-428A)         H Property Disposition Request/Report (SF-428 & SF-428C)         I. Uniform Commercial Code (UCC) Financing Statements         J. Federal Subaward Reporting System (FSRS)         K. Other (see Special Instructions)	O Y	<ul> <li>A. <u>http://www.eere-pmc.energy.gov/SubmitReports.aspx</u></li> <li>C. <u>https://www.eere-pmc.energy.gov/SubmitReports.aspx</u></li> <li>D. See section IV. D. for instructions and due dates</li> <li>E. See section IV. F. for instructions and due dates</li> <li>G. <u>https://www.eere-pmc.energy.gov/SubmitReports.aspx</u></li> <li>H. <u>https://www.eere-pmc.energy.gov/SubmitReports.aspx</u></li> <li>H. <u>https://www.eere-pmc.energy.gov/SubmitReports.aspx</u></li> <li>J. See section IV. I. for instructions and due dates</li> <li>J. See section IV. I. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> <li>J. See section IV. J. for instructions and due dates</li> </ul>

### **Budget Information Sheet (SF-424A)**

- Reflects the agreed to DOE funds and cost share contributions
- Recipient may move up to 10% of total costs (cumulative) among cost categories without prior DOE approval

Section A - Budget Summary							
Grant Program Function or	Catalog of Federal	Estimated Unot	bligated Funds	1			
Activity	Domestic Assistance	Federal	Non-Federal	Federal	Non-Federal	Total	
(a)	(b)	(c)	(d)	(e)	6)	(g)	
<ol> <li>Budget Period 1</li> </ol>				\$0	\$0	\$	
2. Budget Period 2				\$0	\$0	\$1	
3. Budget Period 3				\$0	50	\$	
4.							
5. Totals				\$0	\$0	S	
Section B - Budget Categories							
5. Object Class Categories			Grant Program	, Function or Activity	Total (5)		
		Budget Period 1 Budget Period 2 Budget Period 3			Total (2)		
a. Personnel		\$0	\$0	\$0		\$	
b. Fringe Benefits		\$0	\$0	\$0		\$	
c. Travel		\$0	\$0	\$0		\$	
d. Equipment		50	50	\$0		\$	
e. Supples		S0	S0	S0		\$	
f. Contractual		50	50	50		s	
a. Construction		SO		50		s	
k. Oher		50				ş	
i. Total Direct Charges (sum of 6a-6h)		\$0 \$0		\$0 \$0		\$	
1.1.5.40						\$	
j. Indirect Charges k. Totals (sum of 6i-6i)		\$0					



### **Intellectual Property Provisions**

- Intellectual Property Provisions (NRD-115) for Non-research and Development
- Intangible and Intellectual property rights are subject to 2 CFR 200.315 or 910.362.
  - Provisions address the use, disposition, copyright of property acquired, and work performed under a Federal award.
  - The Federal government has the right to obtain, reproduce, publish, or otherwise use the data produced under a Federal award.







### Award Administration





### **Award Administration**

### **Lifting Conditions**

- Subrecipient and Vendor Approvals
- NEPA Conditions





### **Subrecipient and Vendor Definitions**

- A **Subrecipient** is a third party participating in a project who contributes any amount of cost share to the proposed project **or** who has a vested interest in the proposed project.
- A **Vendor** is a legal entity contracted to provide goods and services within normal business operations, who provides similar goods or services to many different purchasers and operates in a competitive environment.





### **Subrecipient and Vendor Approvals**

- The Recipient <u>must</u> obtain written approval by the Contracting Officer for reimbursement of costs associated for any To Be Determined (TBD) Subrecipient or Vendor if:
  - Subrecipients whose total project related costs exceeds either (1) \$250,000 or (2) 25% of total award costs (whichever is less)
  - Vendors whose costs exceed \$250,000
  - > Specifically identified in the Award agreement needing prior approval.
- Until approved, the Recipient is restricted from expending project funds (either DOE or Recipient cost share) for those TBD Subrecipients and/or Vendors unless and until the Contracting Officer provides written approval.





### **Subrecipient and Vendor Approvals**

- Written Contracting Officer approval in the form of a formal amendment to the agreement is required for TBD Subrecipients and Vendors identified in the Award.
- At its discretion, DOE may <u>not</u> reimburse costs incurred prior to the date of any such written approval by the Contracting Officer.
- Therefore, it is imperative that you notify your DOE Project Officer and Project Monitor once you've identified those Subrecipients and/or Vendors so we can work with you to lift those conditions.
- You <u>cannot</u> expend funds or invoice for project related costs for TBD Subrecipients and/or Vendors until approved by the Contracting Officer.





### **Subrecipient and Vendor Approvals**

- Required for unidentified Subrecipient and Vendor approvals
  - Name of selected entity,
  - UEI number,
  - Description of the selection process,
  - Budget support,
  - Copy of the contract with scope of work and contract amount, and
  - For non-competitively selected entities, a formal waiver request with your reasons for not competing <u>must</u> be made to the Contracting Officer for approval.
- You may <u>not</u> invoice for project related costs for unidentified Subrecipients and/or Vendors until the Contracting Officer approves your Subrecipient or Vendor and documents that approval in a formal modification to the grant agreement.





### **NEPA Review and Determinations**

National Environmental Policy Act (NEPA) of 1969

The Office of Indian Energy's decision on whether and how to distribute federal funds is subject to the National Environmental Policy Act (NEPA) and DOE must conduct a NEPA review for all proposed project activities prior to authorizing the use of federal funds. As this time, DOE has not issued a final NEPA determination for your proposed project.



### Award Administration Requirements National Environmental Policy Act of 1969 (NEPA)

- NEPA requires the Federal Government to evaluate and understand the potential benefits and impacts to the environment BEFORE committing resources to a proposed action (i.e., providing federal funding).
- The entire project (either funded with Federal funds or cost-shared) is subject to NEPA compliance.
- The NEPA process considers and documents potential impacts that an action would have on the social, economic and physical environment.
- DOE must also comply with other environmental statutes as part of the NEPA compliance process:
  - Endangered Species Act, National Historical Preservation Act, Coastal Zone Management Act, Marine Mammal Protection Action, Essential Fish Habitat, Migratory Bird Treaty Act, and several more depending on the location.

#### It is important to read and understand your specific NEPA provision in the Terms & Conditions of your Financial Assistance Agreement.



### Award Administration Requirements NEPA Review and Determinations



#### **Categorical Exclusions (CX)**

- Siting/construction/operation of facilities for bench- scale research, conventional laboratory operations, small-scale research and development, pilot and demonstration projects (in existing/established facilities)
- Information gathering, dissemination and document preparation
- Technical advice and planning assistance
- Site characterization/environmental monitoring
- Research related to conservation of fish and wildlife



#### **Environmental Assessment (EA)**

- "Siting, construction, and operation of energy system prototypes including, but not limited to, wind resource, hydropower, geothermal, fossil fuel, biomass, and solar energy pilot projects", DOE NEPA Regulations 10 CFR 1021
- Actions and activities where impacts/environmental consequences to the human environment are not definitively known and do <u>not</u> qualify under a CX.
- Activities where the potential impacts can be reduced (mitigated) to less than significant levels after a complete analysis.



#### **Environmental Impact Statement (EIS)**

• Actions and activities that may significantly impact the environment, can be considered environmentally controversial and the impacts can not be reduced to less than significant.

## Award Administration Requirements NEPA Review and Determinations

#### Irreversible/Irretrievable

DOE cannot take or support any actions that could be characterized as an *irreversible and/or irretrievable* commitment in advance of completing the NEPA review process.

These activities include but are not limited to:

- Site Preparation
- Construction
- Infrastructure modification, etc.

### <u>AND</u>

- Final design
- Capital equipment purchase

# Prior Approvals required (§ 200.308 Revision of budget and program plans):

- Change in the scope or the objective of the project or program (even if there is no associated budget revision requiring prior written approval).
- Change in a key person specified in the application or the Federal award.
- Unless described in the application and funded in the approved Federal awards, the *subawarding, transferring or contracting* out of any work under a Federal award, including fixed amount subawards as described in § 200.332 Fixed amount subawards. This provision does not apply to the acquisition of supplies, material, equipment or general support services.
- Changes in the approved cost-sharing or matching provided by the non-Federal entity.
- Transfer of funds among direct cost categories to exceed 10 percent of the total budget as last approved by the Federal awarding agency.



## Award Administration Requirements Award Modification Examples



- Revising the SOPO (within the original selected scope)
- Key personnel changes (DOE or Recipient)
- Releasing conditions/holds (Subrecipient/Vendor Approval, NEPA)



Extending the period of performance (no-cost time extension)



- Moving funds between direct cost categories that are greater than 10% cumulatively
- Deobligating and remaining funds at closeout



### **Other Award Requirements**

- DOE Programmatic Requirements
- Federal Regulations
- Accounting Practices
- Cost Principles
- Audit Requirements
- Prior Approvals
- Procurement
- Real Property





## **Quarterly Reporting**

- Progress Report
  - Sample format to be sent with reminders each quarter
  - Do <u>not</u> include any confidential, proprietary or business sensitive information
- Financial Reports (SF-425)
  - Standard financial form
  - Form to be sent with reminders each quarter
- Upload to eere-pmc (see next slide)

Indian Energy

#### (Due 30 days after the calendar quarter)

View Bu	View Burden Statement Federal Financial Report OMB Number (Follow form Instructions)					
	Federal Agency and Organizational Element to Which Report is Submitted     Z. Federal Grant or Other Identifyin     Agency (To report multiple grants, u					
	Crganization (Name and complete address including Zip code) rganization Name:					
		]				
Tribal Re	enewable Energy - Quarterly Progress Report					
Recipient Organization:	[Name of Tribe or Tribal Entity]	Number nent)				
Project Title:	[Insert Project Title]	End Date				
Covering Period: Date of Report:	[For example, January 1, 2002 to March 31, 2002] [For example, April 30, 2002]					
Award Number:	[Insert Award No. DE-EE000XXXX]	Cumulative				
Technical Contact:	[Name, address, telephone, facsimile and electronic address.]					
Business Contact:	[Name, address, telephone, facsimile and electronic address.]	0.00				
Partners:	[List names of all participants doing work on the project, and identify cost-sharing partners.]	0.00				
DOE Project Officer:	Lizana K. Pierce, (720) 356-1749, lizana.pierce@ee.doe.gov	0.00				
GO Project Monitor:	Jami Alley, (720) 356-1303, j <u>ami.alley@ee.doe.gov</u> or Jennifer Luna, (720) 356-1273. <u>Jennifer.luna@ee.doe.gov</u>	0.00				
1. Project Objective: [Brie objectives.]	of the overall project for three sentences) of the overall project	0.00				
2. Background: [Outline addressed, and a brief s	0.00					
3. Patents: [Identify any p	atents applied for or resulting from this award.]	0.00				
<ol> <li>Publications / Presentations: [Identify all publications and presentations made for industry or government groups resulting from the award during this quarter.]</li> </ol>						
the reporting period, and	er and Current Status: [Include the activities performed during identify any issues or concerns related to tasks, schedule or d be reported relative to the approved tasks identified in the					

### **Quarterly Reporting**

Welcome Recipients and Applicants EERE Project Management Center Return to Main EERE-PMC we	Welcome Lizana Pierce EERE-PMC User Account Hon	ne Return to Main EERE-PMC web site   Sign out			
Login to Recipient/Applicant Account	Partnering through innovation	U.S. Department of Energy - Golden Field Office			
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Register a New Account Lost Password?	You may store, upload and download files from any location your system. There is a 50 MB size limitation. Your DOE Officials have full access to this area and may upload documents for your collaboration. Please be sure to notify you DOE officials of the files you upload if they require DOE review.				
<b>WARNING!</b> This computer is a Federal computer system and is the property of the United States Governmen	ESCO IDIQ DOCUMENT UPLOADS. Please up through the "Submit Your Reporting Requir	NG REQUIREMENTS, NEPA EQ-1 SUPPORTING DOCUMENT UPLOADS, OR bload your reporting requirements, and ESCO IDIQ document uploads rements" tab, or your NEPA EQ-1 documents through the "NEPA EQ-1 Submission"s tab.			
is for authorized use only. Users (authorized or unauthorized) have no explicit or implicit expecta	NOTE: All files are n	nonitored for malicious or inappropriate content.			
of privacy. Any or all uses of this system and all files on this system may be intercepted, monitor recorded, copied, audited, inspected, and disclosed to authorized site, Department of Energy, and	Select File(s) to Upload	Create a New Directory			
enforcement personnel, as well as authorized officials of other agencies, both domestic and foreig By using this system, the user consents to such interception, monitoring, recording, copying,	Browse Upload F	File(s) Create			
auditing, inspection, and disclosure at the discretion of authorized site or Department of Energy personnel.	Browse				
Unauthorized or improper use of this system may result in administrative disciplinary action, and	·				
civil and criminal penalties. By continuing to use this system you indicate your awareness of and consent to these terms and conditions of use. LOG OFF IMMEDIATELY if you do not agree to the conditions stated in this warning.	Current Directory:	Actions তা গু			
conditions stated in this warning.	Home lizana.pierce@ee.doe.gov Name	Size Date Modified			
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Cancel Continue					

#### https://www.eere-pmc.energy.gov/RecipientLogin/



### **Annual Reporting (Program Review)**

### **Unique Tribal Forum for Sharing and Learning**

- Forum for Tribes to meet and learn from other each other and to share their successes and challenges
- Networking & learning opportunity
- Generally, fifty to sixty (50-60) Tribal energy projects presented
- Typically, ~200 participants



November 13-17, 2023 (Denver, CO)

## Award Administration Requirements Payments (via VIPERS)

- Submit Request Reimbursement form (SF-270) electronically through the DOE's Vendor Invoicing Payments Electronic Reporting System (VIPERS).
- To access and use VIPERS, the Recipient must enroll at <a href="https://vipers.doe.gov">https://vipers.doe.gov</a>.
- Detailed instructions on how to enroll are provided on the website.
- For assistance, contact VIPERS helpdesk at <u>orfscmail@oro.doe.gov</u> or (888) 251-3557

<u>Must</u> include total project costs (DOE and cost share)

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## Award Administration Requirements Payments (via VIPERS)

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### Register at https://vipers.doe.gov



### **Payments (via VIPERS)**

Invoices (SF-270) <u>must</u> be **broken down by cost element** and have sufficient detail and documentation to support the requested cost reimbursement. Invoice <u>must</u> **also include cost share** expended since the last invoice and associated supporting documentation.

#### Supporting documentation must show:

- Total Federal share claimed on the SF-270,
- Non-Federal cost share claimed for the billing period if cost sharing is required, and
- Cumulative expenditures to date (Federal and non-Federal) by cost categories. (personnel; fringe benefits; equipment; travel; supplies; contractual; other direct costs; and indirect costs).



### **Allowable Costs**

A cost is **allowable** only when the cost complies with the following requirements as defined under 2 CFR 200.403 and 48 CFR 31.201-2.

- Reasonable
- Allowable
- Allocable (i.e., chargeable/assignable to the award based on recipient's accounting practices and <u>2 CFR 200.405</u>)
- Given consistent treatment in accordance with generally accepted accounting principles (GAAP)
- Compliant with any award limitations or exclusions



### Award Administration Requirements Reasonable and Allocable Costs

A cost is **reasonable**, if in its nature and amount, it does not exceed that which would be incurred by a prudent person under the circumstances prevailing at the time the decision was made to incur the cost.

• The burden of proof shall be upon the Recipient to establish that such costs are reasonable.

A cost is **allocable** to the DOE award, if it is:

- (1) Incurred specifically for the award;
- (2) Benefits both the Federal award and other work and can be distributed to them in a reasonable proportion to the benefits received; or
- (3) Is necessary to the overall operation of the business, although a direct relationship to a particular award cannot be shown.

Reference: 2 CFR 200.404 and 200.405, 48 CFR 31.201-3 and 31.201-4 for For-Profit Entities



### Regulations

Recipient Type:	State & Local Governments	Non-Profit Organizations	Educational Institutions	Commercial (For-Profit) Organizations
Administrative Requirements	2 CFR Part 200 as amended by 2 CFR Part 910	2 CFR Part 200 as amended by 2 CFR Part 910	2 CFR Part 200 as amended by 2 CFR Part 910	2 CFR Part 200 as amended by 2 CFR Part 910
Cost Principles	2 CFR Part 200 Subpart E	2 CFR Part 200 Subpart E	2 CFR Part 200 Subpart E	FAR Part 31 (48 CFR Part 31)
Audit	2 CRF Part 200 Subpart F	2 CRF Part 200 Subpart F	2 CRF Part 200 Subpart F	2 CFR 910.501

### **Relevant Laws and Authorities**

- Public Law 95-224: Federal Grant and Cooperative Agreement Act (FGCAA)
- Public Law 106-107: Federal Financial Assistance Management Improvement Act
- Energy Policy Act of 2005 and Energy Policy Act of 1992 (EPAct)

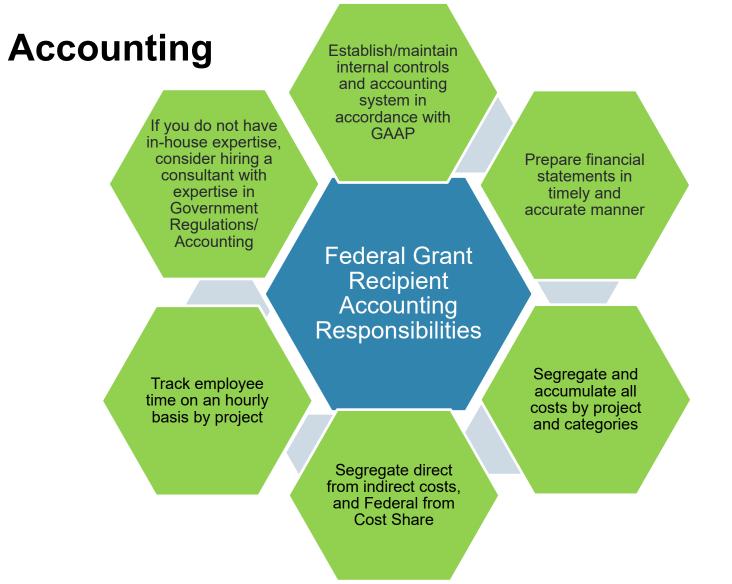


### **Travel Regulations**

Recipients should be familiar with federal travel regulations applicable for their organization and *understand what travel costs are considered reasonable and allowable*.

Recipient Type					
State, Local & Indian Tribal Governments	Refer to 2 CFR 200.475 "Travel Costs" for complete information on				
Non-Profit Organizations	travel and airfare costs. Costs must be in accordance with the governmental unit's, organization's, or institution's written travel policy.				
Educational Institutions					
For-Profit Organizations	Refer to the Federal Acquisition Regulations (FAR31.205-46) for complete information on travel and airfare costs. When using government approved rates, please provide us with a copy of the approved rate you are utilizing.				





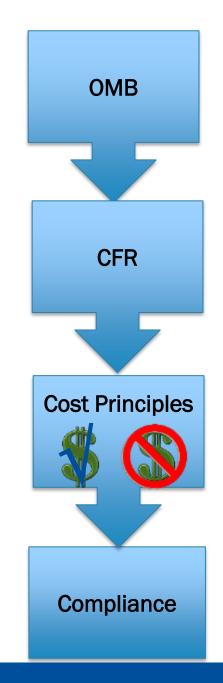
Noncompliance with Regulations, and/or Award Terms & Conditions may result in withholding of payments, suspension or termination of the award, and withholding of future awards.



## Award Administration Requirements Cost Principles

- The Office of Management and Budget (OMB) establishes federal grant management policies and cost principles through OMB circulars and common rules. These policies and cost principles are incorporated into each relevant agency's applicable Federal regulations in the Code of Federal Regulations (CFR). See 2CFR 200 Subpart E.
- Federal cost principles are intended to establish a uniform approach for determining costs and promoting effective program delivery, efficiency, and better relationships between grant recipients, subrecipients, and the Federal government.
- The principles are promulgated to <u>determine allowable</u> <u>costs</u>, <u>enforce compliance with Federal grant requirements</u>, and <u>ensure that the Federal Government bear its fair share</u> of costs except where restricted or otherwise prohibited by law.

Indian Energy



### **Cost Principles**

- 2 CFR 200 Subpart E Cost Principles (by organization-type) describe what costs are allowable or unallowable for reimbursement.
- All project costs <u>must</u> be:
  - Reasonable; Allowable; Allocable;
  - Given consistent treatment in accordance with generally accepted accounting principles (GAAP); and
  - Must conform to any award limitations or exclusions.



### **Audit Requirements**

Entity	Туре	Regulation	Threshold	Allowable Cost	Due Date
Commercial Organization (For-Profit)	Compliance audit	2 CFR § 910.501	\$750k in Federal funds expended on DOE awards in that year	Direct, indirect if covering multiple DOE awards	Within the earlier of 30 days after receipt of the auditor's report(s) or 9 months after the end of the audit period (Recipient's fiscal year-end)
State, Local Government, Non-Profit Organization	Compliance audit	2 CFR § 200.501	\$750k in Federal funds expended on all awards in that year	Indirect, direct if recipient only expends Federal funds on the DOE Award	Within the earlier of 30 days after receipt of the auditor's report(s) or 9 months after the end of the audit period (Recipient's fiscal year-end)
Educational Institution	Compliance audit	2 CFR § 200.501	\$750k in Federal funds expended on all awards in that year	Indirect, direct if recipient only expends Federal funds on the DOE Award	Within the earlier of 30 days after receipt of the auditor's report(s) or 9 months after the end of the audit period (Recipient's fiscal year-end)
All Entities Proposing Segregated Indirect Costs through Cost Allocation	Annual Incurred Cost Proposal	For-Profit: FAR 52.216- 17 Others: As Accepted by Auditor	All Entities charging Indirect Costs	Direct, indirect if covering multiple awards	Within 180 calendar days after the close of the Recipient's fiscal year. Send to Cognizant Agency.



## Award Administration Requirements Financial Management System Requirements

#### FINANCIAL MANAGEMENT SYSTEM - ACCOUNTING SYSTEM SURVEY

To qualify for Financial Assistance, compliance with 2 CFR 200 as amended by 2 CFR 910 is required. This includes assurance of an adequate accounting system for estimating, accounting and billing for governmental funding received. Please complete the checklist below as assurance of this requirement.

			Yes	NO	NA
1.	Is the appli				
2.	Acco				
	a.	Segregation of direct costs from indirect costs.			
	b.	Identification and accumulation of direct costs by project.			
	c.	A logical and consistent method for the allocation of indirect costs to intermediate and final cost objectives. (Project line items are final cost objective)			
	đ.	Accumulation of costs under general ledger control.			
	e.	A timekeeping system that identifies employees' labor by intermediate and final cost objective (i.e., project level, division level).			
	f.	A labor distribution system that charges direct and indirect labor to appropriate cost objectives.			
	g.	Interim (at least monthly) determination of costs charged to a project through routine posting of books of account.			
	h.	Excluding costs charged to Government projects which are not allowable in terms of FAR 31, Contract Cost Principles and Procedures, or other provisions.			
	i.	Identification of costs by project line item and by units (as if each unit or line item were a separate project) if required by the proposed award.			
3.	Is the adeq				
4.	Is the	e Accounting System currently in full operation?			

- Segregate Direct/Indirect cost
- Identify/Accumulate Direct/Indirect costs
- Logical/consistent allocation of cost
- Accumulation costs under general ledger
- Timekeeping system
- Labor distribution system
- Interim cost determination
- Exclude non-allowable costs
- Identify costs by project line item.



## Award Administration Requirements Procurements Procurements (§ 200.318, § 200.319, § 200.320)

- The non-Federal entity must use its own documented procurement procedures which reflect applicable State, local, and tribal laws and regulations, provided that the procurements conform to applicable Federal law and the standards identified in this part. (§ 200.318 General procurement standards.)
- All procurement transactions must be conducted in a manner providing full and open competition consistent with the standards of this section.



### **Procurements**

### Procurements (§ 200.318, § 200.319, § 200.320)

- The non-Federal entity must use one of the following methods of procurement.
  - 1) Procurement by micro-purchases
  - 2) Procurement by small purchase procedures
  - 3) Procurement by sealed bids (formal advertising)
  - 4) Procurement by competitive proposals
  - 5) Procurement by noncompetitive proposals (see next slide for details)



### **Procurements**

### Procurements (§ 200.318, § 200.319, § 200.320)

- Procurement by noncompetitive proposals is procurement through solicitation of a proposal from only one source and may be used only when one or more of the following circumstances apply:
  - The item is available only from a single source;
  - The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation;
  - The Federal awarding agency or pass-through entity expressly authorizes noncompetitive proposals in response to a written request from the non-Federal entity; or
  - After solicitation of a number of sources, competition is determined inadequate.
- Prior approval required for noncompetitive proposals
  - The Federal awarding agency or pass-through entity expressly authorizes noncompetitive proposals in response to a written request from the non-Federal entity;



### **Real Property**

- Subject to the conditions set forth in 2 CFR 200.311, title to real property acquired or improved under a Federal award will vest with the non-Federal entity.
- Except as otherwise provided by Federal statutes or by the Federal awarding agency, real property will be used for the originally authorized purpose as long as needed for that purpose, during which time the non-Federal entity must not dispose of, or encumber, its title or other interests.



### **Real Property**

- When real property is no longer needed for the originally authorized purpose, the non-Federal entity must obtain disposition instructions from the Federal awarding agency or pass-through entity.
- The instructions must provide for one of the following alternatives:
  - a) Retain title after compensating the Federal awarding agency as described in 2 CFR 200.311(c)(1);
  - b) Sell the property and compensate Federal awarding agency as specified in 2 CFR 200.311(c)(2); or
  - c) Transfer title to Federal awarding agency or to a third party designated/approved by Federal awarding agency as specified in 2 CFR 200.311(c)(3).



## Award Administration Requirements Real Property

- See 2 CFR 200.311 for additional requirements pertaining to real property acquired or improved under a Federal award.
- Also see 2 CFR 910.360 for additional requirements for real property for For-Profit recipients.





## Award Administration Requirements Equipment

- Title to equipment acquired under a Federal award will vest upon acquisition in the non-Federal entity.
- Unless a statute specifically authorizes the Federal agency to vest title in the non-Federal entity without further obligation to the Federal Government, and the Federal agency elects to do so, the **title must be a conditional title**.
- See 2 CFR 200.313 for additional requirements



## Award Administration Requirements Equipment

- Title must vest in the non-Federal entity subject to the following conditions:
  - (1) Use the equipment for the authorized purposes of the project during the period of performance, or until the property is no longer needed for the purposes of the project.
  - (2) Not encumber the property without approval of the Federal awarding agency or pass-through entity.
  - (3) Use and dispose of the property in accordance with paragraphs (b), (c) and (e) of 2 CFR 200.313.



## **Equipment - UCC Filing Requirement**

- Applies to for-profit Recipients and Sub-recipients awarded more than \$1,000,000 in DOE funds.
  - (1) Uniform Commercial Code (UCC)
  - (2) 2 CFR 910.360 (b)(4) requires for-profit Recipients and Sub-recipients to record UCC financing statement(s) for all equipment with an acquisition cost per unit of \$5,000 or more purchased in whole or in part with Federal funds.
  - (3) UCC financing statement(s) must be approved in writing by the Contracting Officer prior to the recording,
  - (4) UCC financing statement(s) must be filed before DOE may reimburse the Recipient for the Federal share of the equipment.
  - (5) Term included in Special Terms and Conditions, if applicable.





Applies to any federally assisted projects that involve infrastructure work, undertaken by applicable Recipient types, and requires that:

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

#### DOE's Implementation of the Buy America Requirement for Infrastructure Projects (energy.gov)





Whether a given project must apply this requirement is project-specific and dependent on several factors, such as the

- a) Recipient's entity type (e.g., a State, local government, Indian tribe, Institution of Higher Education, or nonprofit organization),
- b) whether the work involves "infrastructure," as that term is defined in Section 70914 of the Bipartisan Infrastructure Law, and
- c) whether the infrastructure in question is publicly owned or serves a public function.

DOE's Implementation of the Buy America Requirement for Infrastructure Projects (energy.gov)



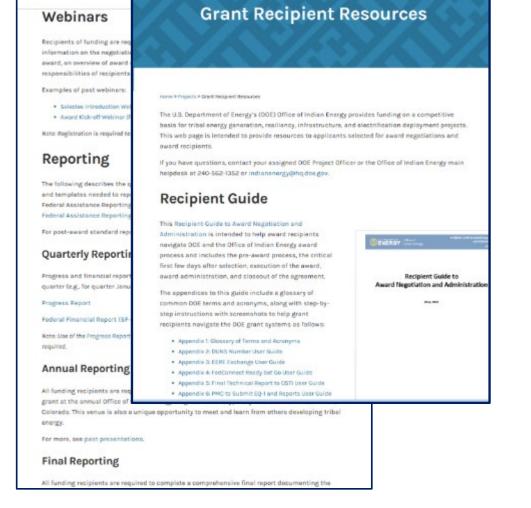




### **Recipient Resource Page**

The Recipient Resource webpage provides resources for the administration and closeout of your grants, including:

- Recipient Guide
- Webinars (pre-recorded)
- Reporting forms and instruction



https://www.energy.gov/indianenergy/grant-recipient-resources

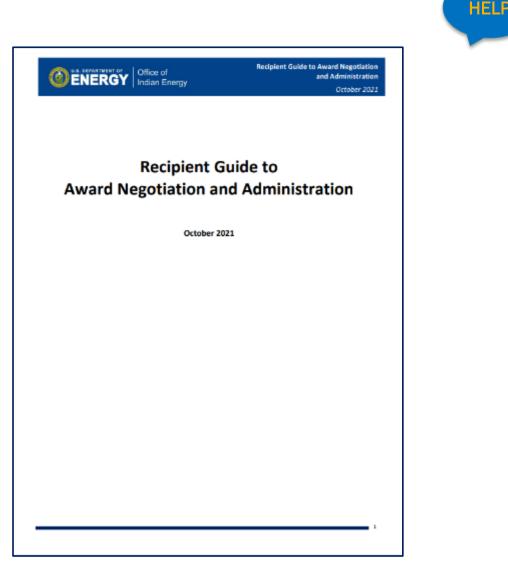


HELP

# Recipient Guide to Award Negotiation and Administration

This Guide is intended to help grant Recipients navigate the Department of Energy (DOE) and the Office of Indian Energy Policy and Programs (Office of Indian Energy) award process.

This includes the pre-award process, the critical first few days after selection, execution of the award, award administration, and closeout of the agreement.



Sent to you as a reference guide—Please use as a resource



#### **Grant Recipient Resources**

Office of Indian Energy Policy and Programs

#### Office of Indian Energy Policy and Programs \* Projects \* Grant Recipient Resources

The U.S. Department of Energy's (DOE) Office of Indian Energy provides funding on a competitive basis for tribal energy generation, resiliency, infrastructure, and electrification deployment projects. This web page is intended to provide resources to applicants selected for award negotiations and award recipients.

If you have questions, contact your assigned DOE Project Officer or the Office of Indian Energy main helpdesk at 240-562-1352 or indianenergy@hq.doe.gov.

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Recipient Guide to

Award Negotiation and Administration

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#### **Recipient Guide**

This Recipient Guide to Award Negotiation and Administration is intended to help award recipients navigate DDE and the Office of Indian Energy award process and includes the pre-award process, the critical first few days after selection, execution of the award, award administration, and closeout of the agreement.

The appendices to this guide include a glossary of common DOE terms and acronyms, along with step-bystep instructions with screenshots to help grant recipients navigate the DOE grant systems as follows:

- · Appendix 1: Glossary of Terms and Acronyms
- Appendix 2: DUNS Number User Guide
- Appendix 3: EERE Exchange User Guide
- · Appendix 4: FedConnect Ready Set Go User Guide
- Appendix 5: Final Technical Report to OSTI User
- Guide
- Appendix 6: PMC to Submit EQ-1 and Reports User Guide
- Appendix 7: SAM Registration User Guide
- Appendix 8: VIPERS to Submit Payment Requests User Guide
- Appendix 9: Federal Financial Report (SF-425) Instructions
- Appendix 10: Sample Grant Agreement Documents

www.energy.gov/indianenergy/grant-recipient-resources







### **Office of Indian Energy Policies and Programs**

Subscribe to listserv and to see funding and events on the Indian Energy Website.

https://www.energy.gov/indianenergy/office-indian-energy-policy-andprograms

### **Indian Energy Helpdesk**

If you have general questions or need immediate assistance. Indianenergy@hq.doe.gov (240) 562-1352





### FedConnect.net

Registration on FedConnect.net is required to review and receive an award.

https://www.fedconnect.net

FedConnect Guide:

https://www.fedconnect.net/FedConnect/Marketing/Documents/FedConnect\_Ready\_Set

### Go.pdf

Contact FedConnect.net helpdesk at <a href="mailto:support@fedconnect.net">support@fedconnect.net</a> or (800) 899-6665

### **Project Management Center (PMC)**

Register with the PMC to submit Quarterly report submission and NEPA Environmental Questionnaires.

https://www.eere-pmc.energy.gov/RecipientLogin/



### VIPERS

Submit request for DOE reimbursement electronically through the Department's Vendor Invoicing Payments Electronic Reporting System (VIPERS) using the SF-270. https://vipers.doe.gov/

Contact VIPERS helpdesk at orfscmail@oro.doe.gov or (888) 251-3557

### **Code of Federal Regulations (CFR)**

**2 CFR 200:** Part 200 – Uniform Administrative Requirements, cost Principles, and Audit Requirements for Federal Awards

https://ecfr.federalregister.gov/current/title-2/subtitle-A/chapter-II/part-200

**2 CFR 910:** Part 910 supplements 2 CFR 200 with DOE specific regulations including Post Award Requirements and Audit Requirements for For-Profit Entities. <u>https://ecfr.federalregister.gov/current/title-2/subtitle-B/chapter-IX/part-910</u>





## **Contacts – DOE Project Officers**

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## Questions



## **Questions**





## Reminders

- DOE wants your project to be successful.
- Comply with the award requirements.
- The Special Terms and Conditions and Reporting Checklist – Read and Understand.
- Financial record keeping is crucial.
- On-going communication is key.





## We are here to help and look forward to helping you make your projects successful







## **Office of Indian Energy** (240) 562-1352

indianenergy@hq.doe.gov energy.gov/indianenergy



#### Subscribe to get our email updates

energy.gov/indianenergy/contact-us-and-staff



### **Social Media**

- facebook.com/DOEIndianEnergy
- <u>twitter.com/DOEIndianEnergy</u>





EMPOWERING

COMMUNITIES AND SUSTAINING

GENERATIONS

# Thank you!

