

DEPARTMENT OF ENERGY

OFFICE OF CLEAN ENERGY DEMONSTR ATIONS

**Environmental Considerations Summary**

DOE’s decision whether and how to distribute federal funds is subject to the National Environmental Policy Act (NEPA) (42 U.S.C. 4321, *et seq.*). Your responses will assist DOE in determining the appropriate level of NEPA review (e.g., categorical exclusion, environmental assessment, or environmental impact statement) and completing the NEPA review process. While not all information may be available at this stage, please

provide as much detail and information as is currently available. Consultation with experts or advisors in your organization to assist with your responses is highly recommended.

|  |  |
| --- | --- |
| Applicant/Recipient: |  |
| Project Title: |  |
| Prepared by: (name, title) |  |
| FOA Number: |  |

1. **Please provide a brief summary of the proposed project.** *Describe proposed activities (not goals and objectives) and specify if this project is part of a larger project or connected to another project.*

1. **Is there ongoing or anticipated federal government involvement in any aspect of this project (e.g., funding, permitting, technical assistance, project located on federally administered land)?** *If “yes,” please list the agency and describe the nature of the involvement.*

1. **Is the project fully defined (i.e., all sites and activities are known)?** *If “no”, please describe the sites and/or activities/tasks that are yet to be defined.*

*This template is provided as a convenient method of gathering information from selectees that is required to continue the process for potential Office of Clean Energy Demonstration (OCED) financial assistance awards. The use of the template is not required, but the data elements within the template are required to be provided to OCED.*

# Complete the table below for each location where proposed project activities would take place:

|  |  |  |  |
| --- | --- | --- | --- |
| Proposed location (physical address or coordinates) | Setting of the proposed location (e.g., urban, industrial, suburban, agricultural, university campus, manufacturing facility, etc.) and the current condition or use of the site. | General description of the proposed activities | Land administration (e.g., federal [specify BLM, USFS, etc.], tribal, state, local, private) |
|  |  |  |  |
|  |  |  |  |

**4a. Is the proposed project limited exclusively to intellectual, academic, or analytical activities?**

*Intellectual, academic, and analytical activities include, but are not limited to literature searches and information gathering, data analysis, computer modeling, analytical reviews, engineering and design, document preparation, data dissemination, and paper studies.*

*You should answer “No” to this question if the proposed project involves any laboratory research and/or development, physical experiments, pilot-scale projects, demonstration projects, field tests, land-disturbance, construction, or similar activities.*

**Yes**  **No**

# If you checked “Yes,” no need to answer the questions below. If you checked “No,” please proceed.

1. **Attach a map showing the location(s) of the proposed project, and a site layout map showing the proposed facilities and associated infrastructure.** *(A GIS shapefile is preferrable, if available.)*

# Describe new facilities to be constructed, any modifications of existing facilities, and any new infrastructure or facilities necessary for the construction or operation of the proposed project (e.g., access roads, laydown areas, off-site parking areas, railroad links, docks, water outfalls and intakes, pipelines, electrical transmission, waste treatment facilities, etc.).

1. **Identify and describe any existing, modifications to, or new permits, licenses, or authorizations that would be required to perform project activities (e.g., environmental permits, operating permits, or drilling permits)*.***

1. **Provide a brief description of the existing environmental burdens at the proposed project location(s) and surrounding areas.** *Existing environmental burdens can be identified using available tools, such as DOE’s* [*Energy*](https://www.energy.gov/diversity/energy-justice-dashboard-beta) [*Justice Dashboard*](https://www.energy.gov/diversity/energy-justice-dashboard-beta) *(beta) or the U.S. Environmental Protection Agency’s* [*EJScreen*](https://www.epa.gov/ejscreen) *.*

1. **Would any of the following have the potential to be impacted (directly or indirectly) by the proposed project?** *If “yes”, provide a detailed description of: (1) the resources that could be affected, and (2) how project activities may affect those resources (including potential direct and indirect [visual, noise, etc.] impacts).*
   1. Tribal lands or resources of Tribal interest and/or sensitivity
   2. Environmental Justice (EJ) Populations (EJ populations include minority, low-income, and Tribal populations)
   3. Historic, archeological, or cultural resources (includes listed and eligible resources over 50 years old or of cultural significance)
   4. Areas having a special designation (e.g., federal and state designated wilderness areas, national parks, national natural landmarks, wild and scenic rivers, state and federal wildlife refuges, and marine sanctuaries)
   5. Threatened or endangered species (whether proposed or listed by state or Federal governments), including their habitat
   6. Land resources (e.g., prime farmland, unique farmland, or other farmland of statewide or local importance, tundra, rainforests)
   7. Floodplains

* 1. Wetlands
  2. Air quality (indoor and/or outdoor)
  3. Greenhouse gas emissions
  4. Water quality (surface and/or ground water and/or special sources of water including sole source aquifers)
  5. Ocean resources (e.g., coral reefs)
  6. Coastal zones
  7. Marine mammals or essential fish habitat
  8. Land use
  9. Socioeconomic conditions
  10. Sensitive receptors (e.g., hospitals, schools, daycare facilities, elderly housing)
  11. Navigable Airspace
  12. Transportation infrastructure

# Please describe:

* 1. Any coordination or discussions that have been initiated or the plan to coordinate with state and/or federal agencies (e.g., State Historic Preservation Office, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, Nuclear Regulatory Commission, etc.).
  2. Any coordination or discussions that have been initiated with any Tribal governments.
  3. Any issues that would generate public controversy regarding proposed project.
  4. Any studies, reviews, and/or plans that have been completed for the proposed project (e.g., environmental site assessments, waste management plans, health and safety plans, cultural resource surveys, identification of prime or unique farmland, wildlife surveys, etc.).
  5. Any environmental considerations and/or mitigation strategies that have been incorporated into the proposed project (e.g., measures to reduce and/or avoid greenhouse gas emissions, and/or impacts to cultural resources, historic properties, state or federally protected species, wetlands, floodplains, traffic, ambient noise, etc.).