U.S. DEPARTMENT OF ENERGY NATIONAL ENERGY TECHNOLOGY LABORATORY

CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

NETL F 451.1-1-1 P.1 Revised: 08.27.2024 Reviewed: 08.27.2024 (previous editions obsolete)

| Funding Authority (Base, BIL, IRA, CDS): | DOE Funding Office (FECM, EERE, OE, etc.): Award Number: Sub-recipient Name and Location(s): |
|---|--|
| Time Recipioni Name and Escanonyj. | SOD TOCIDIONI NAME AND LOCATION, |
| NETL Org.: | NETL Project Manager: |
| Title of Proposed Action: | |
| Brief Description of Proposed Action: | |
| | |
| THE PROPOSED ACTION FALLS WITHIN THE FOLLOWING CATEGO | DRICAL EXCLUSION(S) FROM APPENDICES A AND B TO SUBPART D OF |
| DOE NEPA IMPLEMENTING PROCEDURES (10 CFR 1021): | |
| General Agency Actions | Electrical Power and Transmission |
| A1 - Routine DOE business actions | B4.4 - Power marketing services and activities |
| A9 - Information gathering, analysis, and dissemination | B4.6 - Additions and modifications to transmission facilities |
| A11 - Technical advice and assistance to organizations | B4.11 - Electric power substations and interconnection facilities |
| Frailit Charation | B4.12 - Construction of powerlines (up to 10 miles, or up to 20 miles if within previously disturbed or developed powerline or pipeline |
| Facility Operation | rights-of-way) |
| B1.3 - Routine maintenance B1.7 - Electronic equipment | B4.13 - Upgrading and rebuilding existing power lines |
| B1.13 - Pathways, short access roads, and rail lines | B4.14 - Construction and operation of electrochemical-battery or |
| B1.15 - Support buildings | flywheel energy storage systems |
| B1.31 - Installation or relocation of machinery and equipment | Conservation, Fossil, and Renewable Energy Activities |
| | B5.1 - Actions to conserve energy or water |
| Safety and Health | B5.3 - Modification or abandonment of wells |
| B2.1 - Workplace enhancements | B5.4 - Repair or replacement of pipelines |
| B2.2 - Building and equipment instrumentation | B5.5 - Short pipeline segments (up to 20 miles) |
| B2.3 - Personnel safety and health equipment | B5.13 - Experimental wells for injection of small quantities of carbon dioxide (up to 500,000 tons per geologic |
| Site Characterization, Monitoring, and General Research | formation) |
| B3.1 - Site characterizations and environmental monitoring | B5.14 - Combined heat and power or cogeneration systems |
| B3.2 - Aviation activities (aerial survey and mapping) | B5.15 - Small-scale renewable energy research and development |
| B3.6 - Small-scale research and development, laboratory | and pilot projects |
| operations and pilot projects | B5.16 - Solar photovoltaic systems B5.18 - Wind turbines |
| B3.7 - New terrestrial infill exploratory and experimental wells B3.9 - Projects to reduce emissions and waste generation | B5.21 - Methane gas recovery and utilization systems |
| B3.11 - Outdoor tests and experiments on materials and | B5.22 - Alternative fuel vehicle fueling stations |
| equipment components | B5.23 - Electric vehicle charging stations |
| | Other |
| | Specify category/categories in space below: |
| | |

This action (1) would not present any extraordinary circumstances such that the action might have a significant impact upon the human environment; (2) is not connected to other actions with potentially significant impacts; (3) is not related to other actions with cumulatively significant impacts; and (4) is not inconsistent with 10 CFR 1021.211 - Interim Actions or 40 CFR 1506.1 - Limitations on actions during the NEPA process.





U.S. DEPARTMENT OF ENERGY NATIONAL ENERGY TECHNOLOGY LABORATORY

CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

NETL F 451.1-1-1 P.2 Revised: 08.27.2024 Reviewed: 08.27.2024 (previous editions obsolete)

SELECT ONE OF THE FOLLOWING:

| This Categorical Exclusion includes all tasks, phases, recipients, and locations for the p | proposed action. |
|---|---|
| This Categorical Exclusion does not includes all tasks, phases, recipients, and locations following tasks, phases, recipients, or locations specified below are included as part of | |
| | |
| NCO Comment Only: The following comment is provided for the consideration of the Co | ntract Specialist or Contracting Officers |
| | |
| | |
| The NETL Project Manager acknowledges the responsibility to obtain a NEPA determinati activities outside the scope of this Categorical Exclusion. | on prior to initiating or modifying any |
| DOE Project Manager Signature: | Date://_ month day year |
| NEPA Compliance Officer Signature: | Date:/ |





CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

NETL F 451.1-1-1 P.3 Revised: 08.27.2024 Reviewed: 08.27.2024 (previous editions obsolete)

U.S. DEPARTMENT OF ENERGY - NATIONAL ENERGY TECHNOLOGY LABORATORY

CATEGORICAL EXCLUSION (CX) DESIGNATION FORM

The purpose of this form is to request and obtain approval for a Categorical Exclusion (CX) determination under the National Environmental Policy Act (NEPA) for National Energy Technology Laboratory activities and extramural awards.

Instructions

Provide the following information:

- Funding Authority
- DOE Funding Office
- Solicitation (FOA) Number
- Award Number
- Prime Recipient Name and Location(s)
- Sub-recipient Name and Location(s)
- NETL Organization
- NETL Project Manager
- Title of Proposed Action
- Brief Description of Proposed Action

Check all the boxes that apply; be sure to include anything not listed using the Other category blanks that are provided.

Acquire the signature of the initiator as well as the NEPA Compliance Officer.

In the space above the signatures, a place is provided to list any considerations that you think would be valuable to the contracting officer.

