

PMC-ND
(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: NREL

STATE: CO

PROJECT TITLE: NREL-19-043 FC Building 260 CoMET Chiller Installation

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308		GO28308

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

DOE/EA 1914	Final Site-Wide Environmental Assessment of the Department of Energy's National Wind Technology
(NREL NWTC)	Center at the National Renewable Energy Laboratory

Rationale for determination:

The U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL), is proposing to install a hydraulic load frame and hydraulic power unit to increase capabilities for wind turbine composite material fabrication research. In addition to this equipment, a Dimplex Thermal Solutions 515.20 chiller would be installed to keep the hydraulic power unit cool during operations. The proposed project would take place at the CoMET facility (building 260) located on the NREL Flatirons Campus (formally called the National Wind Technology Center) located in Jefferson County, Colorado.

Project activities include installing the hydraulic units inside the facility and the chiller and its associated infrastructure would be placed on the south side of the facility. The chiller site would require grading prior to installing a concrete pad which would measure approximately 7' long x 5' wide x 6" thick, impacting an area approximately 35 sq. ft. The electrical conduits and coolant lines would be placed on overhead racking from the chiller to the facility then through a pass-through hole before connecting to the hydraulic power supply.

All ground disturbing activities would be conducted in accordance with NREL Procedures, including the Stormwater Pollution Prevention for Construction Activities: Flatirons Campus. Existing NREL health and safety policies and procedures would be followed including employee training, proper protective equipment, engineering controls, monitoring, and internal assessments.

There are no known cultural resources, wetlands, floodplains, or prime farmlands at the Flatirons Campus, therefore this project would not adversely affect these resources. The site has designated critical habitat for the Preble's meadow jumping mouse at the southeast corner, however, the proposed activities would take place in the northern-eastern area of the site, and would not affect this habitat.

Based on the review of the proposed activities, DOE has determined that this project falls into the category of "infrastructure upgrades", which was analyzed in section 2.1.1 Increasing and Enhancing Research and Support Capabilities of the 2014 Final Site-Wide Environmental Assessment of the NREL NWTC (DOE/EA-1914). DOE has determined that this activity is bound by the environmental impact analysis contained in this EA and the respective FONSI, and no further NEPA review is required.

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

NEPA review completed by Laura Margason on 9/04/2019

FOR CATEGORICAL EXCLUSION DETERMINATIONS

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  **Electronically Signed By: Kristin Kerwin** Date: **9/5/2019**
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

- Field Office Manager review not required
- Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____
Field Office Manager