

PMC-ND
(1.08.09.13)

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



RECIPIENT: Oneida Indian Nation

STATE: NY

PROJECT TITLE : Oneida Indian Nation Community-Scale Clean Energy Deployment Combined Heat and Power Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0001021	DE-EE-0006944	GFO-0006944-001	

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

CX, EA, EIS APPENDIX AND NUMBER:

Description:

- A9 Information gathering, analysis, and dissemination** Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
- B5.14 Combined heat and power or cogeneration systems** Conversion to, replacement of, or modification of combined heat and power or cogeneration systems (the sequential or simultaneous production of multiple forms of energy, such as thermal and electrical energy, in a single integrated system) at existing facilities, provided that the conversion, replacement, or modification would not have the potential to cause a significant increase in the quantity or rate of air emissions and would not have the potential to cause significant impacts to water resources.

Rationale for determination:

The Oneida Indian Nation (Nation) would utilize DOE and cost share funding to upgrade and improve the operation of the Nation's Central Utility Plant (CUP) by installing a two-stage Back Pressure Steam Turbine (BPST). The proposed project activities include the design, acquisition, installation, commissioning and testing of the BPST. The CUP is located on the campus of the Turning Stone Resort (opened in 1993) located at 5218 Patrick Road, Verona, NY 13478.

Since 2004, the Nation has operated a natural gas fed CUP that generates electricity, steam, and chilled water for use by the Nation on and around the Turning Stone Resort campus. The CUP consists of a 5.2 MW Solar Gas Turbine with a Heat Recovery Steam Generator (HRSG) that produces 28,000 pounds per hour of 125 psi steam, two 800 boiler horse power natural gas-fired steam boilers, centrifugal chillers, and a steam-fired absorption chiller. When the CUP was put into operation in 2004, the Solar HRSG was connected to two 1,000 ton absorption chillers. Currently, the thermal energy from the turbine cannot be used and is being vented to the atmosphere. The proposed installation of the BPST would allow the Nation to produce energy from that thermal energy. All proposed project activities would take place within existing facilities. There would be limited physical modifications of internal foundations to fit the BPST into the existing facility. There would be no change of use to the facility and there would be no installation of equipment outdoors. There were no other resources of concern found during review of the proposed project activities.

Based on review of the project information, DOE has determined that the project activities would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined that these activities are consistent with actions contained in DOE categorical exclusions A9 "Information gathering, analysis, and dissemination," and B5.14 "Combined heat and power or cogeneration systems," and are categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

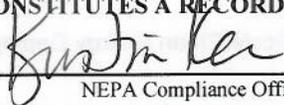
Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

This NEPA Determination does NOT require a tailored NEPA provision.
Tribal Energy Program
Casey Strickland 05/22/15

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Date: 5/29/2015
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

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

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