

PMC-EF2a

(20402)

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT: Oklahoma Department of Commerce

STATE: OK

PROJECT TITLE : EECBG Oklahoma Dept of Commerce #6. City of Wynoka

| | | | |
|--|--------------------------------------|----------------------------|-------------------|
| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
| DOE FOA 000013 | DE EE 0000922 | | 0 |

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:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

B4.13 - Reconstruction (upgrading or rebuilding) and/or minor relocation of existing electric powerlines approximately 20 miles in length or less to enhance environmental and land use values. Such actions include relocations to avoid right-of-way encroachments, resolve conflict with property development, accommodate road/highway construction, allow for the construction of facilities such as canals and pipelines, or reduce existing impacts to environmentally sensitive areas.

The City of Wynoka, Oklahoma is proposing to use \$250,000 of EECBG funding for the City Electrical System Upgrade Project which will involve the retrofitting of approximately 49 existing transformers and electrical poles. All work will be done within the existing transmission line right-of-way (ROW). The primary purpose of this activity is to upgrade old transformers which will result in a savings of 178,704 kW of energy from line losses, and a reduction of 49,619 kWh per year from increased line efficiency.

There will not be any new pole or transformer locations associated with this project; all actions will only require the retrofitting of existing materials. All wires associated with this electrical system upgrade are above ground, therefore, not ground disturbances, aside from the replacement of poles within the existing ROW, is anticipated.

Wastestream:

All materials that are being replaced will be recycled or remanufactured for resale. The highline poles that are being replaced will be declared surplus and will be sold locally to the best bidder. All hardware and wire on the poles will be reused or recycled. Transformers that are being replaced that are questionable about containing PCB oil will be double bagged before they touch the ground, then placed on a specialized trailer for transport to a contractor for testing. Should the transformer be found to contain PCB, the contractor will provide documentation of the proper disposal.

Potential Environmental Impacts:

There would be no or negligible impacts to biological resources, cultural resources, wetlands, air and water quality, or other sensitive resources as all work will be performed within an existing, previously disturbed and maintained ROW. Additionally, there will be no land use impacts as a result of the proposed project.

Based on the energy savings of 178,704 kW hours per year and a reduction in required energy of 49,619 kWh due to increased line efficiency, this action is Categorically Excluded from further NEPA review under CX number B4.13 "Reconstruction (upgrading or rebuilding)" and B 5.1 "Actions to Conserve Energy".

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



NEPA Compliance Officer

Date: _____

8/13/10

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: _____

Field Office Manager

Date: _____