GRANTS.GOV™

Grant Application Package

Opportunity Title:	Recovery Act ? Energy Efficiency and Conservation Block
Offering Agency:	National Energy Technology Laboratory
CFDA Number:	81.128
CFDA Description:	Energy Efficiency & Conservation Block Grant Program
Opportunity Number:	DE-FOA-0000013
Competition ID:	
Opportunity Open Date:	03/26/2009
Opportunity Close Date:	06/25/2009
Agency Contact:	Sue Miltenberger Contract Specialist E-mail: EECBG@netl.doe.gov

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

*** Application Filing Name:** County of Kane

Mandatory Documents

Move Form to Complete

Move Form to Delete

Mandatory Documents for Submission

- Application for Federal Assistance (SF-424)
- Project/Performance Site Location(s)
- Other Attachments Form

Optional Documents

- Disclosure of Lobbying Activities (SF-LLL)

Move Form to Submission List

Move Form to Delete

Optional Documents for Submission

Instructions

1 Enter a name for the application in the Application Filing Name field.

- This application can be completed in its entirety offline; however, you will need to login to the Grants.gov website during the submission process.
- You can save your application at any time by clicking the "Save" button at the top of your screen.
- The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.

2 Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.

- It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.

- The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".

- To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it, and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.

- All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.

3 Click the "Save & Submit" button to submit your application to Grants.gov.

- Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
- Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.
- The "Save & Submit" button will become active; click on the "Save & Submit" button to begin the application submission process.
- You will be taken to the applicant login page to enter your Grants.gov username and password. Follow all onscreen instructions for submission.

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

* 3. Date Received: Completed by Grants.gov upon submission.

4. Applicant Identifier:

5a. Federal Entity Identifier:

* 5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: County of Kane

* b. Employer/Taxpayer Identification Number (EIN/TIN): 366006585

* c. Organizational DUNS: 010221786

d. Address:

* Street1: 719 Batavia Avenue
Street2: Building A
* City: Geneva
County: Kane
* State: IL: Illinois
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 60134-3077

e. Organizational Unit:

Department Name: Development

Division Name: Environmental Management

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Karen
Middle Name:
* Last Name: Kosky
Suffix:

Title: Watershed Engineer

Organizational Affiliation: County of Kane

* Telephone Number: 630-208-8665
Fax Number: 630-208-5137

* Email: koskykaren@co.kane.il.us

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type:

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

National Energy Technology Laboratory

11. Catalog of Federal Domestic Assistance Number:

81.128

CFDA Title:

Energy Efficiency & Conservation Block Grant Program

*** 12. Funding Opportunity Number:**

DE-FOA-0000013

* Title:

Recovery Act ? Energy Efficiency and Conservation Block Grants ? Formula Grants

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Kane County, Illinois

*** 15. Descriptive Title of Applicant's Project:**

Kane County, Illinois Energy Efficiency and Conservation Program

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

* a. Applicant: IL-014

* b. Program/Project: IL-014

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 08/25/2009

* b. End Date: 06/22/2012

18. Estimated Funding ($):

* a. Federal	2,469,100.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	2,469,100.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

☐ Yes ☒ No Explanation

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name: Karen

Middle Name:

* Last Name: Kosky

Suffix:

* Title: Watershed Engineer

* Telephone Number: 630-208-8665

Fax Number: 630-208-5137

* Email: koskykaren@co.kane.il.us

* Signature of Authorized Representative: Completed by Grants.gov upon submission.

* Date Signed: Completed by Grants.gov upon submission.

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424 Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** IL-COUNTY-KANE-ATTACHMENT_B1_-_PROJECT_ACTIVITY_pa

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

OMB Number: 4040-0010
Expiration Date: 08/31/2011

Project/Performance Site Location(s)

Project/Performance Site Primary Location ☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name: County of Kane

DUNS Number: 0102217860000

* Street1: 719 Batavia Avenue

Street2: Building A

* City: Geneva County: Kane

* State: IL: Illinois

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code: 60134-3077 * Project/ Performance Site Congressional District: IL-014

Project/Performance Site Location 1 ☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name:

DUNS Number:

* Street1:

Street2:

* City: County:

* State:

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code: * Project/ Performance Site Congressional District:

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Update Kane County Energy Plan and Energy Efficiency Documents

Activity: 2. Technical Consultant Services If Other:

Sector: Public If Other:

Proposed Number of Jobs Created: 0.30 Proposed Number of Jobs Retained: 0.40

Proposed Energy Saved and/or Renewable Energy Generated: n/a - see attached Estimated Benefits Calculator sheet

Proposed GHG Emissions Reduced (CO2 Equivalents):

Proposed Funds Leveraged: $0.00

Proposed EECBG Budget: 63,000.00

Projected Costs Within Budget: Administration: $35,000.00 Revolving Loans: Subgrants: $28,000.00

Project Contact First Name: Karen Last Name: Miller Email: millerkaren@co.kane.il.us

Metric Activity: Technical Assistance If Other:

Project Summary: *(limit summary to space provided)*

I. Project Description: Update the Kane County(KC) Energy Plan developed in 2005 and the Energy Efficiency Chapter of the KC 2030 Land Resource Management Plan adopted in 2004. The project cost total is $43,000 and will come from Kane County's EECBG allocation.

The update of the KC Energy Plan will be conducted by staff from the KC Development Dept. with assistance from a consultant chosen by the Development Dept. The update of the Energy Efficiency chapter of the 2030 Land Resource Management Plan will be conducted by staff using data from the updated Energy Plan. EECBG funds will be used to cover the cost of part of one full-time staff person and a consultant. The Energy Plan developed in 2005 contains the following recommendations:

1. KC government and the utilities should reduce peak electrical demand by at least 30%
2. KC government and the utilities should establish a commission to implement and monitor strategies for peak electrical demand reduction
3. KC government should create a quasi-government committee to coordinate the Energy Plan
4. KC government should play a stronger role in planning for the county's energy future
5. KC Board should update the Energy Efficiency chapter of the 2030 Land Resource Management Plan to include the goal of establishing a county-wide energy code
6. KC Board should assist the municipalities to implement the International Energy Conservation Code
7. KC should ensure all new buildings that receive public funding are LEED certified
8. KC government should set a goal of reducing energy usage by 10% in existing government facilities
9. Utilities throughout KC should consider opportunities for energy efficiency and demand reduction for future infrastructure development
10. Utilities throughout KC should aggressively target current and future demand reduction programs
11. The electric utilities should employ incentives to encourage the development of ENERGY STAR and LEED certified homes
12. The electric utilities should consider requiring the installation of advanced metering and other energy efficiency technology in all new buildings
13. Utilities should target efficiency programs to existing homes and businesses
14. The Illinois Commerce Commission should adopt regulations that recognize the value of reduced peak demand on the cost of infrastructure
15. All municipalities in KC should adopt the International Energy Conservation Code
16. All municipalities in KC should set percentage goals for new residential construction to be ENERGY STAR or LEED certified
17. All municipalities in KC should provide adequate training for implementing the Illinois Energy Conservation Code for Commercial Buildings
18. All municipalities should require builders to conduct Home Energy Ratings Systems Tests in new construction
19. Grassroots energy organizations should educate those outside of their organization
20. Building operation staff should be trained to use energy reduction strategies
21. Funding should be sought to educate the public about energy reduction strategies

Thirteen corresponding action projects are organized as highest priority and fall into two types: 1. educational and 2. application.

Once adopted by the Kane County Board, the Energy Plan will be integrated into the future 2040 Land Resource Management Plan. Our goal is to complete the Energy Plan within one year of the effective date of our award.

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Kane County Facility Efficiency Improvements

Activity: 6. Buildings and Facilities If Other:

Sector: Public If Other:

Proposed Number of Jobs Created: 16.30 Proposed Number of Jobs Retained: 0.80

Proposed Energy Saved and/or Renewable Energy Generated: 32916

Proposed GHG Emissions Reduced (CO2 Equivalents): 2,997.000

Proposed Funds Leveraged: $500,000.00

Proposed EECBG Budget: 1,070,000.00

Projected Costs Within Budget: Administration: $75,000.00 Revolving Loans: $0.00 Subgrants: $995,000.00

Project Contact First Name: Karen Last Name: Kosky Email: koskykaren@co.kane.il.us

Metric Activity: Building Retrofits If Other:

Project Summary: *(limit summary to space provided)*

Goal Supported: To conduct audits of five or more Kane County facilities, create a list of priority energy efficiency improvement projects, implement measures to maximize energy efficiency improvements and leverage outside resources for additional funding

Program Description: Kane County seeks to retrofit one or more County-owned facilities with updated and energy efficient systems to reduce long-term operating costs, reduce energy consumed, and serve as an example to other county and municipal entities in Northeast Illinois. The project will consist of several phases, including:
* Facility audits: Kane County will work with the Illinois Department of Commerce and Economic Opportunity's Smart Energy Design Assistance Center (SEDAC) to leverage State Energy Program funding and conduct audits of County facilities. Additionally, pro-bono and reduced rate private sector audits of Kane County facilities will be pursued to complete the portfolio of Kane County facility improvement possibilities.
* Development of a suite of potential energy efficiency improvements: Using Kane County facility audit information, staff will create a list of projects which meet current and future facility upgrade needs and energy reduction goals.
* Prioritization of improvements: Kane County will develop a list of priority energy efficiency improvement projects based on potential energy savings, level of replacement need, and other energy efficiency and conservation goals.
* Implementation of improvements: Kane County will utilize the remaining funds under this program budget to implement energy efficiency improvements as prioritized.

Leveraged Funds: Kane County will additionally investigate funding or financing alternatives to maximize the number and scope of improvements to be made. Kane County anticipates that leveraged funds will become available through SEDAC for energy audits through Illinois' State Energy Program ($30,000). Additional leveraged funding will come from a grant to study renewable energy potential on a Kane County facility ($30,000), a pro-bono energy audit of the Kane County Judicial Center ($10,000), a grant to retrofit and improve the energy efficiency of a historic Kane County courthouse (still in use; $200,000), and additional Kane County capital improvements ($230,000).

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Revolving Loan Fund for Public and Nonprofit Energy Efficiency Improvement Projects

Activity: 4. Financial Incentive Program If Other:

Sector: Public If Other:

Proposed Number of Jobs Created: 4.90 Proposed Number of Jobs Retained: 0.70

Proposed Energy Saved and/or Renewable Energy Generated: n/a - see attached Estimated Benefits Calculator Sheet

Proposed GHG Emissions Reduced (CO2 Equivalents):

Proposed Funds Leveraged: $100,000.00

Proposed EECBG Budget: 412,000.00

Projected Costs Within Budget: Administration: $65,000.00 Revolving Loans: $340,000.00 Subgrants: $7,000.00

Project Contact First Name: Karen Last Name: Miller Email: millerkaren@co.kane.il.us

Metric Activity: Loans and Grants If Other:

Project Summary: *(limit summary to space provided)*

Our proposed Revolving Loan Fund for Public Sector and Non-Profit Energy Efficiency Improvement Projects will provide eligible local government and non-profit organizations with improved technology and financial assistance to implement energy efficiency upgrades to their buildings. The Fund will be set up and managed by the Kane County Development Department and initially capitalized through EECBG funding. Low interest rate loans will be provided to assist the applicants in financing their energy cost reduction efforts. The Fund will be initially capitalized through EECBG funding. The Kane County Development Department will provide staff support. The Fund's revolving loan mechanism will allow borrowers to repay loans through the stream of cost savings that will be realized from approved energy efficiency projects.

The Revolving Loan Fund for Public Sector and Non-Profit Energy Efficiency Improvement Projects will provide a long-term solution to rising energy costs for eligible applicants. It will provide technical and financial assistance to implement cost-effective energy efficiency upgrades. All of the projects implemented will be repaid from targeted savings generated by energy efficiency capital improvement projects. Eligible measures include, but are not limited to: energy efficient lighting systems, high efficiency heating, ventilation and air conditioning systems, energy management systems, re-commissioning, building shell improvements, and load management projects.

Interest earned and any interest that is generated from a loan repayment will be deposited into the Fund account and used to sustain the Fund. The payback time for each loan will be determined on a project by project basis with a maximum time of five years. Revolving Loan Funds will be distributed to selected recipients after review of applications submitted during a designated application period.

The Revolving Loan Fund for Public Sector and Non-Profit Energy Efficiency Improvement Projects proposes the following series of steps to ensure accountability:

1. Project is submitted by application and initially approved by Kane County Development Department staff and/or the Energy and Environmental Technology Committee of the Kane County Board.
2. Initial Building Assessment is completed and signed by a licensed engineer.
3. Detailed report is required of the submitting client. Loan repayment amounts and schedules are verified and agreed upon.
4. Project is monitored by on-site visits, and a final inspection is required.
5. Project is approved and loan repayment begins. All contractors or bidders must be competitively selected.

Leveraged Funds:
Leveraged funds are expected in the amount of $100,000. The loan applicants may be asked to contribute capital funds toward the value of the project. This contribution may come directly from applicants' capital budgets, or it may be grants garnered through the Illinois State Energy Program. Applicants may also seek audits of their own facilities through the Illinois SEDAC program prior to applying for, or as part of the application process for the revolving loan.

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Building Trades Energy Efficiency Training Program

Activity: 6. Buildings and Facilities If Other:

Sector: All Sectors If Other:

Proposed Number of Jobs Created: 1.80 Proposed Number of Jobs Retained: 0.40

Proposed Energy Saved and/or Renewable Energy Generated: N/A

Proposed GHG Emissions Reduced (CO2 Equivalents): 0.000

Proposed Funds Leveraged: $75,000.00

Proposed EECBG Budget: 125,000.00

Projected Costs Within Budget: Administration: $35,000.00 Revolving Loans: Subgrants: $90,000.00

Project Contact First Name: Karen Last Name: Kosky Email: koskykaren@co.kane.il.us

Metric Activity: Workshops, Training, and Education If Other:

Project Summary: *(limit summary to space provided)*

Goal Supported: To train forty or more building auditors, building inspectors, building code developers/enforcers, contractors, or tradespeople in advanced energy efficiency and conservation building techniques

Program Description: Kane County, together with the cities of Aurora and Elgin, will establish a regional training program to promote sustainable, energy efficient building techniques. The training program will be offered at reduced rates to builders and contractors located in Kane County. The program will promote energy efficient and energy conserving building and systems design and construction.

The training program will focus on one or more sectors of the building industry:
* Training for building energy efficiency auditors. This training will consist of courses through a local community college for professionals entering the field of energy efficiency building auditing, or wishing to further their knowledge and expertise in various building systems.
* Training for municipal/county building code officials and building inspectors. This training will consist of short seminars or workshops aimed at furthering the understanding and application of building efficiency as it applies to code development and inspections.
* Training for general contractors and building trades professionals. This training will consist of courses through a local community college for contractors and tradespeople to develop a solid working knowledge of energy efficient building techniques and building systems.

These courses may be combined and may lead to a certification, enabling contractors, auditors, and others to gain market advantage and penetrate building efficiencies deeper into the renovation and new housing markets.

Funds for this program will be applied toward course development, program coordination, marketing, and discounted tuition rates for professionals in Kane County.

Funds Leveraged:
Funds leveraged through this activity include professional tuition payments not discounted through this grant fund ($50,000), and instructor and college contributions to the course development ($25,000).

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Improvements to Kane County Division of Transportation Intelligent Transportation System

Activity: 7. Transportation If Other:

Sector: Public If Other:

Proposed Number of Jobs Created: 28.40 Proposed Number of Jobs Retained: 2.00

Proposed Energy Saved and/or Renewable Energy Generated: 6,000 gallon of fuel/hr.

Proposed GHG Emissions Reduced (CO2 Equivalents): 459,900.000

Proposed Funds Leveraged: $2,200,000.00

Proposed EECBG Budget: 600,000.00

Projected Costs Within Budget: Administration: $0.00 Revolving Loans: $0.00 Subgrants: $600,000.00

Project Contact First Name: Thomas Last Name: Szabo Email: szabotom@co.kane.il.us

Metric Activity: Transportation If Other:

Project Summary: *(limit summary to space provided)*

Project Description:

Kane County Division of Transportation will implement improvements to Kane County's Intelligent Transportation System (ITS), which may include the Expansion of the Fiber Optic Interconnect Network from County highway and road segments to a KDOT facility, various field devices such as roadway weather systems and dynamic message signs, and the construction of additional facility space to aid in real time management of traffic and maintenance operations.

The above proposed improvements are components of a larger project scope, which includes already completed projects/existing ITS infrastructure as outlined in the County's overall ITS Strategic Plan as recommended in The Kane County Intelligent Transportation Systems (ITS)/ Traffic Management Center (TMC) Feasibility Study (2007) as well as the Kane County Long Range Transportation Plan.

Project partners include IDOT and CMAP due to the use of CMAQ funding as an additional funding source and the Kane County Sheriff's Office, Kane County OEM and ISTHA.

Funds Leveraged: $2,200,000

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Transportation Long Range Comprehensive Plan; Microsimulation and Corridor Analysis

Activity: 7. Transportation If Other:

Sector: Transportation If Other:

Proposed Number of Jobs Created: 1.60 Proposed Number of Jobs Retained: 0.00

Proposed Energy Saved and/or Renewable Energy Generated: N/A

Proposed GHG Emissions Reduced (CO2 Equivalents):

Proposed Funds Leveraged:

Proposed EECBG Budget: 150,000.00

Projected Costs Within Budget: Administration: $0.00 Revolving Loans: Subgrants: $150,000.00

Project Contact First Name: Heidi Last Name: Files Email: filesheidi@co.kane.il.us

Metric Activity: Transportation If Other:

Project Summary: *(limit summary to space provided)*

Kane County Division of Transportation, as part of the Long Range Comprehensive Planning Process, will carry out a Microsimulation and Corridor Analysis for the Randall Road corridor to determine the extent to which bus rapid transit, improved transit, and corridor land use densification will reduce vehicle miles traveled per capita, improve air quality and improve the efficiency of Kane County's transportation network. The Randall Road corridor is classified as a Strategic Regional Arterial, carrying nearly 60,000 cars per day and is the one of the main north south corridors in Kane County. It also serves as a major regional economic corridor with a 2008 ADT of nearly 60,000 cars per day. The study will investigate the relationship between land use densification and the transportation mode split and measure the resulting changes in congestion and air quality.

Kane County will utilize a Transit Committee as the steering committee which will provide input and critical review of the study's deliverables. The transit committee will consist of members from Kane County, the Regional Transportation Authority, Pace and Metra, representatives from major employers and the municipalities along the corridor.

The County is currently undertaking a study along the Randall Road Corridor to investigate infrastructure improvements that will support the existing transit fixed-route services along the corridor. This study will look beyond improvements within the roadway right-of-way and investigate the impact of land use/smart growth principles and the make observations on the expected increased use of alternative modes of transportation, decreased use of the single occupancy vehicle and increased liveability/walkability within the corridor.

This study will also feed into the update of the County's Long Range Comprehensive Plan. It is expected that findings from this plan will provide stakeholders and policy makers the justification needed to make changes to existing zoning ordinances to improve and provide sustainable and transit supportive future land use patterns.

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

EECBG Activity Worksheet

Grantee: County of Kane Date: 06/05/2009

DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

Program Contact First Name: Karen Last Name: Kosky

Project Title: Improvements to Methane Capture and Power Generation Facilities

Activity: 11. Reduction/Capture of Methane/Greenhouse Gases If Other:

Sector: Public If Other:

Proposed Number of Jobs Created: 0.80 Proposed Number of Jobs Retained: 0.20

Proposed Energy Saved and/or Renewable Energy Generated: N/A

Proposed GHG Emissions Reduced (CO2 Equivalents): 0.000

Proposed Funds Leveraged: $40,000.00

Proposed EECBG Budget: 49,100.00

Projected Costs Within Budget: Administration: $14,100.00 Revolving Loans: Subgrants: $35,000.00

Project Contact First Name: Karen Last Name: Kosky Email: koskykaren@co.kane.il.us

Metric Activity: Technical Assistance If Other:

Project Summary: *(limit summary to space provided)*

Goal Supported: To develop an agreement and/or studies with methane production project partners to pursue additional methane capture and energy production on Kane County Landfills

Program Description: Kane County will pursue feasibility and agreements for implementation of the development of additional methane capture and power generation facilities at Kane County landfill facilities. Two landfill facilities exist in Kane County; the Woodland Hills Landfill near South Elgin, and the Settler's Hill landfill near Geneva. Methane capture and energy production is already active at the Settlers Hill landfill. However, additional capture and production capacity exists. The Woodland Hills landfill is currently in the process of locating methane capture and energy production facilities on site. Funds for this activity would be applied to developing agreements and studies in conjunction with Waste Management,the owner of the Settlers Hill landfill, to maximize the methane capture potential at both landfills and to generate as much energy as possible from said facilities.

Funds Leveraged: Kane County will work with project partners to share the cost of the study and agreement development ($40,000).

*If you are proposing more than one activity, save this file as many times as needed with successive page numbers. For example: "OH-CITY-Columbus-Project Activity **page 1**.pdf," "OH-CITY-Columbus-Project Activity **page 2**.pdf," and continue as needed.*

Applicant Name: County of Kane Award Number:

Budget Information - Non Construction Programs

OMB Approval No. 0348-0044

Section A - Budget Summary

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EECBG	81.128			$2,469,100		$2,469,100
2.						$0
3.						$0
4.						$0
5. Totals		$0	$0	$2,469,100	$0	$2,469,100

Section B - Budget Categories

6. Object Class Categories	Grant Program, Function or Activity (1)	(2)	(3)	(4)	Total (5)
a. Personnel	$224,100				$224,100
b. Fringe Benefits					$0
c. Travel					$0
d. Equipment					$0
e. Supplies					$0
f. Contractual	$1,905,000				$1,905,000
g. Construction					$0
h. Other **(Revolving Loan)**	$340,000				$340,000
i. Total Direct Charges (sum of 6a-6h)	$2,469,100	$0	$0	$0	$2,469,100
j. Indirect Charges					$0
k. **Totals** (sum of 6i-6j)	$2,469,100	$0	$0	$0	$2,469,100
7. Program Income					$0

Section C - Non-Federal Resources					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e) **Totals**
8.					$0
9.					$0
10.					$0
11.					$0
12. **Total** (sum of lines 8 - 11)		$0	$0	$0	$0
Section D - Forecasted Cash Needs					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th quarter
13. Federal	$885,000	$100,000	$165,000	$280,000	$340,000
14. Non-Federal	$0				
15. **Total** (sum of lines 13 and 14)	$885,000	$100,000	$165,000	$280,000	$340,000

Section E - Budget Estimates of Federal Funds Needed for Balance of the Project				
	Future Funding Periods (Years)			
(a) Grant Program	(b) First	(c) Second	(d) Third	(e) Fourth
16.	$1,129,100	$455,000		
17.				
18.				
19.				
20. **Total** (sum of lines 16-19)	$1,129,100	$455,000	$0	$0

Section F - Other Budget Information	
21. Direct Charges $2,469,100	22. Indirect Charges

23. Remarks

Instructions for the SF-424A

Public Reporting Burden for this collection of information is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Please do not return your completed form to the Office of Management and Budget; send it to the address provided by the sponsoring agency.

General Instructions
This form is designed so that application can be made for funds from one or more grant programs. In preparing the budget, adhere to any existing Federal grantor agency guidelines which prescribe how and whether budgeted amounts should be separately shown for different functions or activities within the program. For some programs, grantor agencies may require budgets to be separately shown by function or activity. For other programs, grantor agencies may require a breakdown by function or activity. Sections A, B, C, and D should include budget estimates for the whole project except when applying for assistance which requires Federal authorization in annual or other funding period increments. In the later case, Sections A, B, C, and D should provide the budget for the first budget period (usually a year) and Section E should present the need for Federal assistance in the subsequent budget periods. All applications should contain a breakdown by the object class categories shown in Lines a-k of Section B.

Section A. Budget Summary Lines 1-4 Columns (a) and (b)
For applications pertaining to a **single** Federal grant program (Federal Domestic Assistance Catalog number) and **not requiring** a functional or activity breakdown, enter on Line 1 under Column (a) the catalog program title and the catalog number in Column (b).

For applications pertaining to a **single** program **requiring** budget amounts by multiple functions or activities, enter the name of each activity or function on each line in Column (a), and enter the catalog number in Column (b). For applications pertaining to multiple programs where none of the programs require a breakdown by function or activity, enter the catalog program title on each line in **Column** (a) and the respective catalog number on each line in Column (b).
For applications pertaining to **multiple** programs where one or more programs **require** a breakdown by function or activity, prepare a separate sheet for each program requiring the breakdown. Additional sheets should be used when one form does not provide adequate space for all breakdown of data required. However, when more than one sheet is used, the first page should provide the summary totals by programs.

Lines 1-4, Columns (c) through (g)

For new applications, leave Columns (c) and (d) blank. For each line entry in Columns (a) and (b), enter in Columns (e), (f), and (g) the appropriate amounts of funds needed to support the project for the first funding period (usually a year).

For continuing grant program applications, submit these forms before the end of each funding period as required by the grantor agency. Enter in Columns (c) and (d) the estimated amounts of funds which will remain unobligated at the end of the grant funding period only if the Federal grantor agency instructions provide for this. Otherwise, leave these columns blank. Enter in columns (e) and (f) the amounts of funds needed for the upcoming period. The amount(s) in Column (g) should be the sum of amounts in Columns (e) and (f).

For supplemental grants and changes to existing grants, do not use Columns (c) and (d). Enter in Column (e) the amount of the increase or decrease of Federal funds and enter in Column (f) the amount of the increase or decrease of non-Federal funds. In Column (g) enter the new total budgeted amount (Federal and non-Federal) which includes the total previous authorized budgeted amounts plus or minus, as appropriate, the amounts shown in Columns (e) and (f). The amount(s) in Column (g) should not equal the sum of amounts in Columns (e) and (f).

Line 5—Show the totals for all columns used.

Section B. Budget Categories
In the column headings (a) through (4), enter the titles of the same programs, functions, and activities shown on Lines 1-4, Column (a), Section A. When additional sheets are prepared for Section A, provide similar column headings on each sheet. For each program, function or activity, fill in the total requirements for funds (both Federal and non-Federal) by object class categories.

Lines 6a-i—Show the totals of Lines 6a to 6h in each column.

Line 6j—Show the amount of indirect cost.

Line 6k—Enter the total of amounts on Lines 6i and 6j. For all applications for new grants and continuation grants the total amount in column (5), Line 6k, should be the same as the total amount shown in Section A, Column (g), Line 5. For supplemental grants and changes to grants, the total amount of the increase or decrease as shown in Columns (1)-(4), Line 6k should be the same as the sum of the amounts in Section A, Columns (e) and (f) on Line 5.
Line 7—Enter the estimated amount of income, if any, expected to be generated from this project. Do not add or subtract this amount from the total project amount. Show under the program narrative statement the nature and source of income. The estimated amount of program income may be considered by the federal grantor agency in determining the total amount of the grant.

Section C. Non-Federal Resources

Lines 8-11—Enter amounts of non-Federal resources that will be used on the grant. If in-kind contributions are included, provide a brief explanation on a separate sheet.

Column (a)—Enter the program titles identical to Column (a), Section A. A breakdown by function or activity is not necessary.

Column (b)—Enter the contribution to be made by the applicant.

Column (c)—Enter the amount of the State's cash and in-kind contribution if the applicant is not a State or State agency. Applicants which are a State or State agencies should leave this column blank.

Column (d)—Enter the amount of cash and in-kind contributions to be made from all other sources.

Column (e)—Enter totals of Columns (b), (c), and (d).

Line 12—Enter the total for each of Columns (b)-(e). The amount in Column (e) should be equal to the amount on Line 5, Column (f) Section A.

Section D. Forecasted Cash Needs

Line 13—Enter the amount of cash needed by quarter from the grantor agency during the first year.

Line 14—Enter the amount of cash from all other sources needed by quarter during the first year.

Line 15—Enter the totals of amounts on Lines 13 and 14.

Section E. Budget Estimates of Federal Funds Needed for Balance of the Project

Lines 16-19—Enter in Column (a) the same grant program titles shown in Column
(a), Section A. A breakdown by function or activity is not necessary. For new applications and continuation grant applications, enter in the proper columns amounts of Federal funds which will be needed to complete the program or project over the succeeding funding periods (usually in years). This section need not be completed for revisions (amendments, changes, or supplements) to funds for the current year of existing grants.
If more than four lines are needed to list the program titles, submit additional schedules as necessary.

Line 20—Enter the total for each of the Columns (b)-(e). When additional schedules are prepared for this Section, annotate accordingly and show the overall totals on this line.

Section F. Other Budget Information

Line 21—Use this space to explain amounts for individual direct object-class cost categories that may appear to be out of the ordinary or to explain the details as required by the Federal grantor agency.

Line 22—Enter the type of indirect rate (provisional, predetermined, final or fixed) that will be in effect during the funding period, the estimated amount of the base to which the rate is applied, and the total indirect expense.

Line 23—Provide any other explanations or comments deemed necessary.

PMC 140.2
(04/06)

U.S. DEPARTMENT OF ENERGY
PROJECT MANAGEMENT CENTER

BUDGET EXPLANATION AND OTHER REQUIREMENTS FOR FINANCIAL ASSISTANCE AWARDS TO STATE AND LOCAL GOVERNMENTS

Applicant: County of Kane, Illinois Budget Period – From: 8/25/09 To: 8/24/12
Award/Proposal Number: _____ Amendment Number: _____

INFORMATION REQUESTED ON THIS FORM MAY BE PROVIDED IN THE RECIPIENT'S FORMAT OR INCLUDED ON THIS FORM.

THE BUDGET MUST INCLUDE TOTAL PROJECT COSTS [DOE REQUESTED FUNDS PLUS APPLICANT AND THIRD PARTY PARTICIPANT (TEAM MEMBER(S)) COST SHARE AMOUNT]. The purpose of this form is to explain and justify all project costs identified on the SF 424A, including Federal (DOE), Non-Federal (State/Applicant), and all cost share amounts, such as third party cost share and third party in-kind match. Applicants should fill out one PMC 140.2 form and include details on all SF424A budget items that would be expended and recorded through their budget office or be directly attributed to their organization through in-kind services. In addition, each sub-participant should fill out one PMC 140.2 or PMC 123.1, as appropriate, that includes details on all SF424A budget items that would be expended and recorded through their budget offices or be directly attributed to their organization through in-kind services.

1. BUDGET INFORMATION

LIST ONLY THE APPLICANT'S PORTION OF COSTS IN ALL SECTIONS EXCEPT FOR SECTION 1.f., WHICH SHOULD INCLUDE ALL COSTS FROM OTHER (NON-APPLICANT RECIPIENT) PERSONNEL

a. PERSONNEL - List costs solely for employees of the Applicant. All other Participant (third party) personnel costs must be included under the Contractual (Item 1.f. below and on form SF424A, Section B, line 6.f. Contractual)

Identify positions to be supported under the proposed award. Key personnel should be identified by title. All other personnel should be identified either by title or a group category. State the amounts of time (i.e., hours) to be expended, the composite base pay rate, total direct personnel compensation and identify the rate basis (e.g., labor distribution report, technical estimate, state civil service rates, etc.).

Title/Group	Time	X	Pay Rate	= (Total Compensation)	Rate Basis
Watershed Engineer	2084		39.45	$82,213.80	Kane County,IL Rates
Executive Planner	2920		26.38	$77,029.60	"
Exec. Dir., Development & Res. Mgmt Dept.	270		84.16	$22,723.20	"
Dir., Enviro & Bldg Mgmt	325		58.15	$18,898.75	"
Manager, Bldg. Mgmt	250		30.46	$7,615.00	"
Chief Bldg Engineer	200		22.00	$4,400.00	"
Dir., Bldg & Comm. Srvcs	188		49.45	$9,296.60	"
Program Manager	80		24.07	$1,925.60	"

b. **FRINGE BENEFITS** - A Federal Fringe Benefit Rate Agreement or proposal is required. A Sample Rate Proposal is available on https://www.eere-pmc.energy.gov/forms.asp. Please check one of the boxes below.

(NONE PROPOSED)

☐ An approved Federal fringe benefit rate agreement has been previously submitted to DOE.

☐ An approved Federal Fringe Benefit rate agreement is in effect or pending and has not previously been submitted to DOE. A copy is attached which identifies the Federal agency point of contact.

☐ A current Federal fringe rate agreement is not in effect or pending. Attached is a rate proposal which includes the following:

a. A list of the current total yearly benefit accounts and costs that comprises total fringe benefits.
b. An explanation of the base used and the amount applied to develop the fringe rate.

c. **TRAVEL** - Identify total Foreign and Domestic Travel as separate items.

(NONE PROPOSED)

1. Are travel costs governed by organizational travel policies? ☐ Yes ☐ No
   If no, provide basis for estimating costs.

2. For all travel provide information below. (Example: conferences, DOE sponsored meetings, project mgmt, etc.)

Purpose of Travel	Estimated No. of Trips	Estimated Cost Per Trip

d. **EQUIPMENT** - Generally defined as an item with an acquisition cost excess of $5,000 and a useful life expectancy of more than one year. Further definitions can be found at http://www.access.gpo.gov/nara/cfr/waisidx_00/10cfr600_00.html. List the proposed equipment below and briefly justify its need as it applies to the Statement of Objectives.

(NONE PROPOSED)

Equipment Item	Est. Unit Cost	Number of Units	Basis of Cost	Justification of Need

e. **SUPPLIES** - Generally defined is an item with an acquisition cost of $5,000 or less and a useful life expectancy of less than one year. Further definitions can be found at http://www.access.gpo.gov/nara/cfr/waisidx_00/10cfr600_00.html. Provide the information below for supplies that total $25,000 or are greater than 20% of total costs for the project, whichever is less. (Basis of cost -- vendor quotes, prior purchases of similar or like items, published price list, etc.)

(NONE PROPOSED)

General Category of Supplies	Cost	Basis of Cost	Justification of Need

f. **CONTRACTUAL** - Section 600.236 sets forth standards for use by recipients in establishing procedures for the procurement of supplies and other expendable property, equipment, real property and other services with Federal funds.

List all Participant [subcontract(s), sub-grant(s), and consultant(s)] costs including their cost share. Do not list vendors that provide goods and services. Go to the following website for further information: http://www.access.gpo.gov/nara/cfr/waisidx_00/10cfr600_00.html

Participant Name	Total Cost	Cost Share	Short Work Description
Energy Plan Update	$ 28,000	0	Update county energy plans
Facility Improvements	$ 95,000	0	Tech assist. audits and facility
improvements			
Revolving Loan	$ 7,000	0	Accounting and loan document developmt
Training Program	$ 90,000	0	Admin assist program setup and administer
ITS Improvements	$100,000	0	Design Egr, Construction Oversight
Microsim Analysis	$150,000	0	Develop and disseminate study
Methane Agreement	$ 35,000	0	Develop agreements, feasibility study

a. For each Participant with a total estimated cost (including cost share) of $100,000 or more, or 50% of total costs (whichever is less), provide (i) a Statement of Work, (ii) a SF424A Federal Assistance Budget Information, and (iii) either a completed PMC 140.2, PMC 123.1, or a cost proposal that includes the same information.

b. Provide a sole source justification for any Participant not competitively selected with estimated project costs over $100,000.

c. For support for which a Participant has not been identified, provide a scope of work and basis of cost estimate.

1) Energy Plan Update ($28,000):
   - Scope of Work: Contractor will be selected to provide professional services for the research, data gathering, and coordination of information and stakeholders necessary to provide a 5-year update to the Kane County Energy Plan, and to coordinate Plan findings and recommendations with an update to the Kane County 2030 Land Resource Management Plan.
   - Basis of Cost Estimate: $100/hr for professional and engineering staff, 150 hrs research energy data updates, 120 hrs plan compilation, 10 hrs project staff and stakeholder communications.

2) Facility Improvements ($95,000):
   - Scope of Work: Contractor will perform energy audits of three or more Kane County facilities (two facilities are being audited under State & pro-bono agreements separately,) assist Kane County with assembling building data into EPA Energy Star software, assist Kane County with developing energy efficiency project priority list, and assist Kane County with bid preparation for implementing energy efficiency improvement projects.
   - Basis of Cost Estimate: $100/hr for engineering and building performance/ auditing professionals, 300 hrs for building audits, 600 hrs for data analysis, building system performance modeling, and report preparation, and 50 hrs for project staff communications and meetings.

3) Revolving Loan Fund ($7,000):
   - Scope of Work: The Technical Services provider will assist the County in setting guidelines for the loans made under the fund including preparation of account standards and legal documents, technical review for verifiable energy savings as necessary, and leveraging

existing resources such as the Energy Efficiency Portfolio Standards benefits for private and public sector customers for both electric and gas customers.
- Basis of Cost Estimate: $80/hr for professional staff, 87.5 hrs for document research and preparation and meetings with County staff.

4) Training Program ($90,000):
- Scope of Work: The Technical Services Consultant will assist the County in developing the training program, integrating the courses into an accredited, certified, or recognized program, selecting instructors, and implementing courses including offering reduced rates to Kane County contractors and building professionals.
- Basis of Cost Estimate: $80/hr for university and/or professional staff, 200 hrs to develop courses and program development, 110 hrs for initial program instruction and instructor compensation, $62,500 for building professional tuition discount rates.

5) ITS Improvements ($100,000):
- Scope of Work: Engineering Consultants to perform site analyses, preliminary and final design engineering, and permit acquisition for construction phase of ITS improvement project.
- Basis of Cost Estimate: $100/hr for engineering staff, 150 hrs to develop site plans, 200 hrs to conduct preliminary design engineering, 450 hrs to conduct final design engineering, and 200 hrs to apply for and acquire permits for construction of ITS improvements.

6) Microsimulation Analysis ($150,000):
- Scope of Work: Engineering and Professional Planning Consultants to perform survey and data collection, transportation model development and implementation, and report preparation and dissemination.
- Basis of Cost Estimate: $100/hr for engineering staff, 600 hrs to collect data, 750 hrs to develop and implement transportation models, and 150 hrs for report preparation and dissemination

7) Methane Agreement ($35,000):
- Scope of Work: Technical and Legal Services Consultants to assist Kane County with feasibility study and development of agreements to further methane production in Kane County.
- Basis of Cost Estimate: $100/hr for Technical and Legal Consultants, 200 hrs to develop feasibility study, 150 hrs to develop and execute agreements for methane production increase.

g. **CONSTRUCTION** - Construction, for the purpose of budgeting, means all types of work done on a particular building, including erecting, altering, or remodeling.

1. Identify the proposed construction costs, identifying the Participant to perform the construction.

Participant Name	Total Cost	Cost Share	Short Work Description
Facility Improvements	$900,000	0	Implement county facility improvements
ITS Improvements	$500,000	0	Implement improvements to ITS

2. For each selected participant, provide (i) a Statement of Objectives, (ii) either a cost proposal or a completed PMC 140.2 or PMC 123.1 and (iii) a SF424A Federal Assistance Budget Information.

3. Provide a sole source justification for any Participant not competitively selected with estimated project costs over $100,000.

4. For support for which a Participant has not been selected, provide a scope of work and basis of cost estimate.
   1) Facility Improvements ($900,000):
   - Scope of Work: General Contractor to perform facility improvements to Kane County facilities, as determined by outcome of facility audits and prioritization process.
   - Basis of Cost Estimate: Kane County Building Management Department estimates for several

upcoming Kane County facility improvement projects; boiler replacement ($350,000), HVAC energy management system replacement ($350,000); HVAC/chiller/hot water repair ($50,000), air handler replacement ($30,000), condensing coil replacement ($15,000), hot water boiler replacement ($15,000).

2) ITS Improvements ($500,000):
   - Scope of Work: General Contractor to perform Kane County Intelligent Transportation System facility improvements, as determined by outcome of site analyses and development of preliminary and final design engineering process.
   - Basis of Cost Estimate: Kane County Division of Transportation estimate for upgrades to Intelligent Transportation System network ($500,000.)

h. OTHER DIRECT COSTS - Other direct costs are items that cannot be properly included in the above categories.
(NONE PROPOSED)

Provide the information below for other direct costs that total $25,000 or are greater than 20% of total costs for the project, whichever is less. (Basis of cost -- vendor quotes, prior purchases of similar or like items, published price list, etc.).

General Description	Cost	Basis of Cost	Justification of Need

i. INDIRECT COSTS - A Federal Indirect Rate Agreement or proposal is required. A Sample Rate Proposal, is available on https://www.eere-pmc.energy.gov/forms.asp. Please check one of the boxes below.
(NONE PROPOSED)

☐ An approved Federal approved indirect cost rate agreement has been submitted to the awarding office.

☐ An approved Federal indirect cost rate agreement is in effect or pending and has not previously been submitted to DOE. A copy is attached which identifies the Federal agency point of contact.

☐ A current Federal approved indirect cost rate agreement is not in effect or pending. An indirect cost rate proposal is attached which includes the following:

List the accounts and amounts that comprise the total direct and indirect costs.
a. Explain each base used and amount applied to develop each indirect rate per pool.
b. Calculate the Indirect Rate(s) and enter the total amount in Section B, line 6.j. Indirect Charges on Form SF424A.

2. ADDITIONAL INFORMATION

a. COST SHARE
(NONE PROPOSED)

1. Identify the amount of cost sharing proposed by the Applicant and each Participant and the total amount as a percent of the total cost of the project. Cost sharing from other Federal sources cannot be counted as non-Federal Recipient contributions, unless specifically allowed in the solicitation. Formula grant funding may not be used to satisfy cost share requirements. Non-Federal sources include private, state or local Government, or any sources that were not originally derived from Federal funds.

Organization	Item	Amount	Type (cash, in-kind, etc.)

Total Project Cost: $ _____ Cost Share Amount: $ _____ Cost Share Percent: _____ %

2. For each cost share contribution identified as an in-kind contribution, please describe how the value of the in-kind contribution was derived.

b. RIGHTS IN APPLICATION DATA

It is DOE policy for a grant award based on a proposal that, in consideration of the award, the Government shall obtain unlimited rights in the technical data contained in the proposal unless the Applicant marks those portions of the technical information which he asserts as "proprietary data" or specifies those portions of such technical data which are not directly related to or will not be utilized in the work to be funded under the award. Accordingly, please indicate:

☒ No restrictions on Government rights in the proposal technical data; or

☐ The following identified technical data is proprietary or is not directly related to or will not be utilized in the work to be funded under the award:

c. IDENTIFICATION OF TECHNICAL DATA WHICH IS PROPRIETARY

The Rights in Technical Data clause proposed to be used for this award may not permit the utilization of proprietary data in the performance of this award or, if the use of proprietary data is permitted, may not be adequate to meet programmatic requirements. Use of data which is proprietary may prevent you from meeting the data requirements of the award (including delivery of data). Your attention is particularly drawn to the use of Applicant's PROPRIETARY LICENSED COMPUTER SOFTWARE.

Please indicate that you have reviewed the requirements in the technical scope of work and to the best of your knowledge:

☒ No proprietary data will be utilized in the performance of this award.

☐ Proprietary data as follows will be utilized in the performance of this award:

☐ Applicant PROPRIETARY LICENSED COMPUTER SOFTWARE will NOT be utilized in the performance of this award.

☐ Applicant PROPRIETARY LICENSED COMPUTER SOFTWARE as follows will be utilized in the performance of this award:

County of Kane

KAREN McCONNAUGHAY
Chairman

OFFICE OF COUNTY BOARD
Kane County Government Center
719 Batavia Avenue
Geneva, Illinois 60134

Telephone: 630-232-5930
Fax: 630-232-9188
kmcconnaughay@kanecoboard.org

June 16, 2009

Subject: Required Assurances -- DE-FOA-0000013

Davis-Bacon Act
This is to certify that all laborers and mechanics on projects funded directly or assisted in whole or in part by and through funding appropriated by the ARRA of 2009 will be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by subchapter IV of Chapter 31 of title 40, United States Code.

Assurances
I hereby designate Karen Kosky, Watershed Engineer, 630-208-8665, koskykaren@co.kane.il.us as the authorized official to apply for and receive funding based on Title V, Subtitle E, Energy Efficiency and Conservation Block Grants, Sections 541(3)(A) or 541(3)(B) of IASA 2007, Public Law 110-140.

Karen McConnaughay
Chairman, Kane County Board

6/25/09
Date

STATE OF ILLINOIS

COUNTY OF KANE

RESOLUTION NO. 09 - 141

APPROVING AN APPLICATION TO THE U.S. DEPARTMENT OF ENERGY'S ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT PROGRAM

WHEREAS, on December 9, 2008 the Kane County Board passed Ordinance No. 08-367 amending Section 2-48 of the Kane County Code, which created the Energy and Environmental Technology Committee; and

WHEREAS, Ordinance No. 08-367 charges the committee to, among other things, "... have responsibility for all matters pertaining to the Kane County energy plan and other energy related issues and opportunities including but not limited to wind turbines, solar energy generation, alternative fuels and other energy sources and projects."; and

WHEREAS, the American Recovery and Reinvestment Act of 2009, Public Law 111-5, appropriates funding for the Department of Energy (DOE) to issue/award formula-based grants to states, U.S. territories, units of local government, and Indian tribes under the Energy Efficiency and Conservation Block Grant (EECBG) Program, the authorization for which is set forth in Title V, Subtitle E of the Energy Independence and Security Act (EISA) of 2007; and

WHEREAS, the purpose of the EECBG Program is to assist eligible entities in creating and implementing strategies to reduce fossil fuel emissions in a manner that is environmentally sustainable and, to the maximum extent practicable, maximizes benefits for local and regional communities; to reduce the total energy use of the eligible entities; and to improve energy efficiency in the building sector, the transportation sector, and other appropriate sectors; and

WHEREAS, on March 26, 2009, the U. S. Department of Energy, National Energy Technology Laboratory, announced the formula for allocation of EECBG program funds, for which Kane County is slated to be awarded $2,469,100 upon submittal of an acceptable grant application by June 25, 2009; and

WHEREAS, approval of this Resolution will yield no financial expenditure for Kane County.

NOW, THEREFORE, BE IT RESOLVED by the Kane County Board that the Chairman is hereby authorized to submit a grant application to the Department of Energy, National Energy Technology Laboratory, pursuant to instructions contained in U.S. DOE Funding Opportunity Announcement for Funding Opportunity Number DE-FOA-0000013.

Passed by the Kane County Board on May 12, 2009.

John A. Cunningham
Clerk, County Board
Kane County, Illinois

Karen McConnaughay
Chairman, County Board
Kane County, Illinois

Vote:
Yes 24
No
Voice
Abstentions
5GrantApp

STATE OF ILLINOIS
COUNTY OF KANE

DATE 6/11/09

I, John A. Cunningham, Kane County Clerk and Keeper of the Records in Kane County, Illinois do hereby certify that the attached is a true and correct copy of the original record on file.

In witness whereof, I have hereunto set my hand and affixed the Seal of the County of Kane at my office in Geneva, Illinois.

FINANCIAL MANGEMENT ASSESSMENT

This assessment should be completed, signed and certified by the Applicant's Financial Officer.

	YES	NO
1. Have you previously done business with DOE?	☐	☒
2. Have you previously done business with any other Federal Agency? If so, please identify: **Yes. Kane County receives and manages grants from the following agencies:** **US Dept. of Agriculture, US Dept. of Housing & Urban Development, US Dept. of Justice, US Dept. of Labor, US Dept. of Transportation, US Environmental Protection Agency, Election Assistance Commission, US Dept. of Health & Human Services, Dept. of Homeland Security**	☒	☐
3. Can the Applicant's Financial Officer or Independent Auditor certify that the Applicant has a financial management system sufficient to meet the requirements of 10 CFR 600.220? If yes, please skip to question #10 and sign/certify below.	☒	☐
4. Does your accounting system have the ability to track costs on a reimbursable basis?	☐	☐
5. Does your system allow for accurate, current and complete financial reporting, and record keeping as well as the maintaining of adequate source documentation?	☐	☐
6. Does your system allow for effective internal controls and accountability?	☐	☐
7. Does your system allow for effective and efficient cash management procedures?	☐	☐
8. Does your system prohibit subaward at any tier to any party which is debarred, suspended or otherwise excluded from or ineligible for participation in Federal assistance programs?	☐	☐
9. The expenditure of $500,000 or more of Federal funds in a fiscal year requires an organization to have an audit performed in accordance with OMB Circular A-133. Has your organization had such an audit performed?	☐	☐
10. If yes, please provide the most recent report or a copy of the SF-SAC forms filed with the Federal Audit Clearinghouse. If no, proceed to the next statement and certify by checking the YES block. → SEE ATTACHED		
I understand the audit requirements and will comply with the provisions of OMB Circular A-133.	☒	☐

E M Waggoner

ERICA M. WAGGONER, STAFF ACCOUNTANT (630.232.5913)
ON BEHALF OF CHERYL PATTELLI, EXECUTIVE FINANCE DIRECTOR — 4.30.09

PRINTED NAME, TITLE AND PHONE NUMBER OF INDIVIDUAL COMPLETING FORM — DATE

By signing this form, the above individual certifies that the responses provided to this survey are accurate as of the date.

If "NO" has been selected for any of the statements above, please provide further explanation on page 2.

FINANCIAL MANAGEMENT ASSESSMENT – continuation page if further explanation is needed

INTERNET REPORT ID: 287752 VERSION: 1 | F 7/2/2008 COPY OMB No. 0348-0057

FORM **SF-SAC** (5-2004)

U.S. DEPT. OF COMM.– Econ. and Stat. Admin.– U.S. CENSUS BUREAU
ACTING AS COLLECTING AGENT FOR
OFFICE OF MANAGEMENT AND BUDGET

Data Collection Form for Reporting on AUDITS OF STATES, LOCAL GOVERNMENTS, AND NON-PROFIT ORGANIZATIONS for Fiscal Year Ending Dates in 2004, 2005, or 2006

Complete this form, as required by OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

Federal Audit Clearinghouse
1201 E. 10th Street
Jeffersonville, IN 47132

GENERAL INFORMATION *(To be completed by auditee, except for Items 4 and 7)*

1. Fiscal period ending date for this submission
Month: 11 / Day: 30 / Year: 2007
Fiscal Period End Dates Must Be In 2004, 2005, or 2006

2. Type of Circular A-133 audit
1 [X] Single audit 2 [ ] Program-specific audit

3. Audit period covered
1 [X] Annual 2 [ ] Biennial 3 [ ] Other – [ ] Months

4. FEDERAL GOVERNMENT USE ONLY Date received by Federal clearinghouse

5. Auditee Identification Numbers

a. Primary Employer Identification Number (EIN)
36-6006585

b. Are multiple EINs covered in this report? 1 [ ] Yes 2 [X] No

c. If Part I, Item 5b = "Yes," complete Part I, Item 5c on the continuation sheet on Page 4.

d. Data Universal Numbering System (DUNS) Number
01-022-1786

e. Are multiple DUNS covered in this report? 1 [ ] Yes 2 [X] No

f. If Part I, Item 5e = "Yes," complete Part I, Item 5f on the continuation sheet on Page 4.

6. AUDITEE INFORMATION

a. Auditee name
KANE COUNTY

b. Auditee address *(Number and street)*
719 S. BATAVIA AVE.

City
GENEVA

State: IL ZIP + 4 Code: 60134 –

c. Auditee contact
Name
CHERYL PATTELLI

Title
FINANCE DIRECTOR

d. Auditee contact telephone
(630) 208 – 5113

e. Auditee contact FAX
(630) 208 – 5110

f. Auditee contact E-mail
PATTELLICHERYL@CO.KANE.IL.US

g. AUDITEE CERTIFICATION STATEMENT – This is to certify that, to the best of my knowledge and belief, the auditee has: (1) engaged an auditor to perform an audit in accordance with the provisions of OMB Circular A-133 for the period described in Part I, Items 1 and 3; (2) the auditor has completed such audit and presented a signed audit report which states that the audit was conducted in accordance with the provisions of the Circular; and, (3) the information included in **Parts I, II,** and **III** of this data collection form is accurate and complete. I declare that the foregoing is true and correct.

Signature of certifying official | Date Month / Day / Year

Printed Name of certifying official

Printed Title of certifying official

7. AUDITOR INFORMATION *(To be completed by auditor)*

a. Auditor name
WERMER, ROGERS, DORAN & RUZON, LLC

b. Auditor address *(Number and street)*
755 ESSINGTON RD.

City
JOLIET

State: IL ZIP + 4 Code: 60435 – 2970

c. Auditor contact
Name
EDWARD R. MARSO

Title
PARTNER

d. Auditor contact telephone
(815) 730 – 6250

e. Auditor contact FAX
(815) 730 – 6257

f. Auditor contact E-mail
ERM@WRDR.COM

g. AUDITOR STATEMENT – The data elements and information included in this form are limited to those prescribed by OMB Circular A-133. The information included in Parts II and III of the form, except for Part III, Items 7, 8, and 9a-9f, was transferred from the auditor's report(s) for the period described in Part I, Items 1 and 3, and **is not a substitute** for such reports. The auditor has not performed any auditing procedures since the date of the auditor's report(s). A copy of the reporting package required by OMB Circular A-133, which includes the complete auditor's report(s), is available in its entirety from the auditee at the address provided in Part I of this form. As required by OMB Circular A-133, the information in **Parts II** and **III** of this form was entered in this form by the auditor based on information included in the reporting package. The auditor has not performed any additional auditing procedures in connection with the completion of this form.

Signature of auditor: Edward R. Marso | Date Month / Day / Year: 7 / 2 / 08

FINANCIAL STATEMENTS *(To be completed by auditor)*

1. Type of audit report

Mark either: 1 [X] Unqualified opinion **OR**

any combination of: 2 [ ] Qualified opinion 3 [ ] Adverse opinion 4 [ ] Disclaimer of opinion

2. Is a "going concern" explanatory paragraph included in the audit report? 1 [ ] Yes 2 [X] No

3. Is a reportable condition disclosed? 1 [X] Yes 2 [ ] No – *SKIP to Item 5*

4. Is any reportable condition reported as a material weakness? 1 [X] Yes 2 [ ] No

5. Is a material noncompliance disclosed? 1 [X] Yes 2 [ ] No

FEDERAL PROGRAMS *(To be completed by auditor)*

1. Does the auditor's report include a statement that the auditee's financial statements include departments, agencies, or other organizational units expending $500,000 or more in Federal awards that have separate A-133 audits which are not included in this audit? (AICPA Audit Guide, Chapter 12) 1 [ ] Yes 2 [X] No

2. What is the dollar threshold to distinguish Type A and Type B programs? (OMB Circular A-133 §___ .520(b)) $ **648,229**

3. Did the auditee qualify as a low-risk auditee? (§___ .530) 1 [X] Yes 2 [ ] No

4. Is a reportable condition disclosed for any major program? (§ ___ .510(a)(1)) 1 [X] Yes 2 [ ] No –*SKIP to Item 6*

5. Is any reportable condition reported as a material weakness? (§ ___ .510(a)(1)) 1 [ ] Yes 2 [X] No

6. Are any known questioned costs reported? (§ ___ .510(a)(3) or (4)) 1 [ ] Yes 2 [X] No

7. Were Prior Audit Findings related to **direct** funding shown in the Summary Schedule of Prior Audit Findings? (§___.315(b)) 1 [ ] Yes 2 [X] No

8. Indicate which **Federal** agency(ies) have current year audit findings related to **direct** funding or prior audit findings shown in the Summary Schedule of Prior Audit Findings related to **direct** funding. *(Mark (X) all that apply or None)*

- 98 [ ] U.S. Agency for International Development
- 10 [ ] Agriculture
- 23 [ ] Appalachian Regional Commission
- 11 [ ] Commerce
- 94 [ ] Corporation for National and Community Service
- 12 [ ] Defense
- 84 [ ] Education
- 81 [ ] Energy
- 66 [ ] Environmental Protection Agency
- 83 [ ] Federal Emergency Management Agency
- 39 [ ] General Services Administration
- 93 [ ] Health and Human Services
- 97 [ ] Homeland Security
- 14 [ ] Housing and Urban Development
- 03 [ ] Institute of Museum and Library Services
- 15 [ ] Interior
- 16 [ ] Justice
- 17 [ ] Labor
- 09 [ ] Legal Services Corporation
- 43 [ ] National Aeronautics and Space Administration
- 89 [ ] National Archives and Records Administration
- 05 [ ] National Endowment for the Arts
- 06 [ ] National Endowment for the Humanities
- 47 [ ] National Science Foundation
- 07 [ ] Office of National Drug Control Policy
- 59 [ ] Small Business Administration
- 96 [ ] Social Security Administration
- 19 [ ] U.S. Department of State
- 20 [ ] Transportation
- 21 [ ] Treasury
- 82 [ ] United States Information Agency
- 64 [ ] Veterans Affairs
- 00 [X] **None**
- [ ] Other – *Specify:*

Each agency identified is required to receive a copy of the reporting package.

In addition, one copy each of the reporting package is required for:

- the Federal Audit Clearinghouse archives . . . . . [X]
- and, if not marked above, the Federal cognizant agency . . . . . [ ]

Count total number of boxes marked above and submit this number of reporting packages 1

FORM SF-SAC (5-2004)

FEDERAL PROGRAMS – Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR

CFDA Number: Federal Agency Prefix[1] (a)	CFDA Number: Extension[2] (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program: If yes, type of audit report[3] (h)	**10.** AUDIT FINDINGS: Type(s) of compliance requirement(s)[4] (a)	AUDIT FINDINGS: Audit finding reference number(s)[5] (b)
10	.550	2 No	CHILD NUTRITION COMMODITY/SALVAGE	$ 34.00	2 No	2 No		O	N/A
10	.553	2 No	SCHOOL BREAKFAST PROGRAM	$ 31,554.00	2 No	2 No		O	N/A
10	.555	2 No	NATIONAL SCHOOL LUNCH PROGRAM	$ 56,602.00	2 No	2 No		O	N/A
10	.557	2 No	NUTRITION PROGRAM FOR WOMEN, INFANTS AND CHILDREN	$ 861,317.00	2 No	1 Yes	Q	L	2007-3
10	.559	2 No	SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	$ 2,450.00	2 No	2 No		O	N/A
10	.904	2 No	NATURAL RESOURCE CONSERVATION SERVICE	$ 327,147.00	1 Yes	2 No		O	N/A
10	.913	2 No	FARM AND RANCH LANDS PROTECTION PROGRAM	$ 2,558,694.00	1 Yes	2 No		O	N/A
14	.218	2 No	COMMUNITY DEVELOPMENT BLOCK GRANTS	$ 903,132.00	1 Yes	1 Yes	U	O	N/A
14	.239	2 No	HOME INVESTMENT PARTNERSHIP PROGRAM	$ 1,154,403.00	1 Yes	1 Yes	U	O	N/A
14	.900	2 No	LEAD BASED PAINT HAZARD CONTROL	$ 3,600.00	2 No	2 No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED →				$ 21,607,646.00				*IF ADDITIONAL LINES ARE NEEDED, PLEASE PHOTOCOPY THIS PAGE, ATTACH ADDITIONAL PAGES TO THE FORM, AND SEE INSTRUCTIONS*	

[1] See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

[2] Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. *(See Instructions)*

[3] If major program is marked "Yes," enter only one letter (**U** = Unqualified opinion, **Q** = Qualified opinion, **A** = Adverse opinion, **D** = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

[4] Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, reportable conditions (including material weaknesses), questioned costs, fraud, and other items reported under §___.510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis – Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

[5] N/A for NONE

FORM SF-SAC (5-2004)

FEDERAL PROGRAMS – Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR

CFDA Number: Federal Agency Prefix[1] (a)	CFDA Number: Extension[2] (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program: If yes, type of audit report[3] (h)	**10.** AUDIT FINDINGS: Type(s) of compliance requirement(s)[4] (a)	AUDIT FINDINGS: Audit finding reference number(s)[5] (b)
16	.523	1 ☐ Yes 2 ☒ No	JUVENILE ACCOUNTABILITY INCENTIVE BLOCK GRANT	$ 27,201 .00	1 ☒ Yes 2 ☐ No	1 ☐ Yes 2 ☒ No		O	N/A
16	.579	1 ☐ Yes 2 ☒ No	MULTI-JURISDICTION DRUG PROSECUTION	$ 283,607 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
16	.580	1 ☐ Yes 2 ☒ No	TREATMENT ALTERNATIVE COURT	$ 72,221 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
16	.595	1 ☐ Yes 2 ☒ No	WEED AND SEED	$ 182,945 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
17	.245	1 ☐ Yes 2 ☒ No	TRADE ADJUSTMENT ASSISTANCE	$ 80,076 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
17	.255	1 ☐ Yes 2 ☒ No	WORKFORCE INVESTMENT ACT TITLE I GRANTS-ADMIN	$ 614,547 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
17	.258	1 ☐ Yes 2 ☒ No	WORKFORCE INVESTMENT ACT TITLE I GRANTS-ADULT	$ 1,252,751 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
17	.259	1 ☐ Yes 2 ☒ No	WORKFORCE INVESTMENT ACT TITLE I GRANTS-YOUTH	$ 1,399,692 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
17	.260	1 ☐ Yes 2 ☒ No	WORKFORCE INVESTMENT ACT TITLE I GRANTS-DISLOCATED	$ 1,586,898 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
17	.267	1 ☐ Yes 2 ☒ No	WORKFORCE INVESTMENT ACT TITLE I INCENTIVE	$ 70,132 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED →				$ 21,607,646 .00				*IF ADDITIONAL LINES ARE NEEDED, PLEASE PHOTOCOPY THIS PAGE, ATTACH ADDITIONAL PAGES TO THE FORM, AND SEE INSTRUCTIONS*	

[1] See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

[2] Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. *(See Instructions)*

[3] If major program is marked "Yes," enter only one letter (**U** = Unqualified opinion, **Q** = Qualified opinion, **A** = Adverse opinion, **D** = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

[4] Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, reportable conditions (including material weaknesses), questioned costs, fraud, and other items reported under §___ .510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis – Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

[5] N/A for NONE

FORM SF-SAC (5-2004)

FEDERAL PROGRAMS – Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR

10. AUDIT FINDINGS

CFDA Number: Federal Agency Prefix[1] (a)	CFDA Number: Extension[2] (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program: If yes, type of audit report[3] (h)	Type(s) of compliance requirement(s)[4] (a)	Audit finding reference number(s)[5] (b)
20	.UNKNOWN	1 ☐ Yes 2 ☒ No	KANE/KENDALL COUNCIL OF MAYORS	$ 299,033 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
20	.205	1 ☐ Yes 2 ☒ No	HIGHWAY PLANNING AND CONSTRUCTION GRANTS	$ 7,623,452 .00	1 ☐ Yes 2 ☒ No	1 ☒ Yes 2 ☐ No	U	O	N/A
20	.703	1 ☐ Yes 2 ☒ No	HAZARDOUS MATERIAL EMERGENCY PREPAREDNESS PLANNING GRANT	$ 1,151 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
66	.460	1 ☐ Yes 2 ☒ No	YWCA BREWSTER CREEK MONITORING	$ 58,826 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
66	.605	1 ☐ Yes 2 ☒ No	POTABLE WATER SUPPLY	$ 10,750 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
90	.401	1 ☐ Yes 2 ☒ No	HELP AMERICA VOTE ACT REQUIREMENTS PAYMENTS	$ 34,452 .00	1 ☒ Yes 2 ☐ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.008	1 ☐ Yes 2 ☒ No	MEDICAL RESERVE CORPS.	$ 3,856 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.069	1 ☐ Yes 2 ☒ No	CITIES READINESS	$ 53,923 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.116	1 ☐ Yes 2 ☒ No	TUBERCULOSIS DIRECTLY OBSERVED THERAPY	$ 25,054 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.252	1 ☐ Yes 2 ☒ No	HEALTHY COMMUNITY ACCESS PROGRAM	$ 283,200 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
TOTAL FEDERAL AWARDS EXPENDED →				$ 21,607,646 .00				*IF ADDITIONAL LINES ARE NEEDED, PLEASE PHOTOCOPY THIS PAGE, ATTACH ADDITIONAL PAGES TO THE FORM, AND SEE INSTRUCTIONS*	

[1] See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

[2] Or other identifying number when the Catalog of Federal Domestic Assistance (CFDA) number is not available. *(See Instructions)*

[3] If major program is marked "Yes," enter only one letter (**U** = Unqualified opinion, **Q** = Qualified opinion, **A** = Adverse opinion, **D** = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

[4] Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, reportable conditions (including material weaknesses), questioned costs, fraud, and other items reported under §___ .510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis – Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

[5] N/A for NONE

FORM SF-SAC (5-2004)

FEDERAL PROGRAMS – Continued

9. FEDERAL AWARDS EXPENDED DURING FISCAL YEAR

10. AUDIT FINDINGS

CFDA Number: Federal Agency Prefix[1] (a)	CFDA Number: Extension[2] (b)	Research and development (c)	Name of Federal program (d)	Amount expended (e)	Direct award (f)	Major program (g)	Major program: If yes, type of audit report[3] (h)	Type(s) of compliance requirement(s)[4] (a)	Audit finding reference number(s)[5] (b)
93	.283	1 ☐ Yes 2 ☒ No	BIOTERRORISM PREPAREDNESS	$ 570,027 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.563	1 ☐ Yes 2 ☒ No	TITLE IV-D OF THE SOCIAL SECURITY ACT	$ 744,513 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.566	1 ☐ Yes 2 ☒ No	REFUGEE CMA	$ 60,612 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.596	1 ☐ Yes 2 ☒ No	HEALTHY CHILD CARE ILLINOIS	$ 27,273 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.667	1 ☐ Yes 2 ☒ No	TITLE XX BLOCK GRANT	$ 80,000 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.778	1 ☐ Yes 2 ☒ No	KID CARE OUTREACH	$ 83,484 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.940	1 ☐ Yes 2 ☒ No	HIV JAIL PROJECT	$ 64,945 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
93	.994	1 ☐ Yes 2 ☒ No	MATERNAL AND CHILD HEALTH BLOCK GRANTS	$ 24,221 .00	1 ☐ Yes 2 ☒ No	1 ☐ Yes 2 ☒ No		O	N/A
97	.042	1 ☐ Yes 2 ☒ No	EMERGENCY MANAGEMENT ASSISTANCE GRANT PROGRAM	$ 89,871 .00	1 ☒ Yes 2 ☐ No	1 ☐ Yes 2 ☒ No		O	N/A
	.	1 ☐ Yes 2 ☐ No		$ .00	1 ☐ Yes 2 ☐ No	1 ☐ Yes 2 ☐ No			
TOTAL FEDERAL AWARDS EXPENDED →				$ 21,607,646 .00				*IF ADDITIONAL LINES ARE NEEDED, PLEASE PHOTOCOPY THIS PAGE, ATTACH ADDITIONAL PAGES TO THE FORM, AND SEE INSTRUCTIONS*	

[1] See Appendix 1 of instructions for valid Federal Agency two-digit prefixes.

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[3] If major program is marked "Yes," enter only one letter (**U** = Unqualified opinion, **Q** = Qualified opinion, **A** = Adverse opinion, **D** = Disclaimer of opinion) corresponding to the type of audit report in the adjacent box. If major program is marked "No," leave the type of audit report box blank.

[4] Enter the letter(s) of all type(s) of compliance requirement(s) that apply to audit findings (i.e., noncompliance, reportable conditions (including material weaknesses), questioned costs, fraud, and other items reported under §___ .510(a)) reported for each Federal program.

- A. Activities allowed or unallowed
- B. Allowable costs/cost principles
- C. Cash management
- D. Davis – Bacon Act
- E. Eligibility
- F. Equipment and real property management
- G. Matching, level of effort, earmarking
- H. Period of availability of Federal funds
- I. Procurement and suspension and debarment
- J. Program income
- K. Real property acquisition and relocation assistance
- L. Reporting
- M. Subrecipient monitoring
- N. Special tests and provisions
- O. None
- P. Other

[5] N/A for NONE

Primary EIN: 36-6006585

Item 5 Continuation Sheet

c. List the multiple Employer Identification Numbers (EINs) covered in this report.

| | | |

Attachment D

Energy Efficiency & Conservation Strategy for Units of Local Governments & Indian Tribes

As detailed in Part 1 of this announcement, all applicants must submit an Energy Efficiency and Conservation Strategy (EECS). Units of local government and Indian tribes have the option of submitting the EECS no later than 120 days after the effective date of the award or at the time of application. Units of local government and Indian tribes who chose to submit the EECS at the time of application shall use the format contained in Attachment D. This form should be saved in a file named "UIC-Strategy.pdf" and click on "Add Optional Other Attachment" to attach.

Grantee: County of Kane Date: 06/24/2009 (mm/dd/yyyy)
DUNS #: 10221786 Program Contact Email: koskykaren@co.kane.il.us

1. Describe your government's proposed Energy Efficiency and Conservation Strategy. Provide a concise summary of your measureable goals and objectives, which should be aligned with the defined purposes and eligible activities of the EECBG Program. These goals and objectives should be comprehensive and maximize benefits community-wide. Provide a schedule or timetable for major milestones. If your government has an existing energy, climate, or other related strategy please describe how these strategies relate to each other.

The objectives and goals of the Kane County Energy Efficiency and Conservation Strategy are as follows:
1) To update the data, coordinate the goals and objectives, and develop new targets for energy efficiency and conservation in the Kane County Energy Plan and Kane County 2030 Land Resource Management Plan
2) To conduct audits of five or more Kane County facilities, create a list of priority energy efficiency improvement projects, and implement measures to maximize energy efficiency improvements and leverage outside resources for additional funding
3) To enable the improvement of the energy efficiency of three or more public or nonprofit facilities by ten percent or more
4) To train forty or more building auditors, building inspectors, building code developers/enforcers, contractors, or tradespeople in advanced energy efficiency and conservation building techniques
5) To reduce traffic congestion in a 60 mile length of county roadway
6) To quantify potential vehicle miles traveled/ fuel savings associated with increased transit and corridor improvements to Kane County's Randall Road corridor
7) To develop an agreement with landfill owners to pursue additional methane capture and energy production

These goals will be met by the end of the Energy Efficiency and Conservation Block Grant performance period.

These goals and objectives are consistent with the Kane County Energy Plan, the Kane County 2030 Land Use Resource Management Plan's Energy Conservation Chapter, and the charge of the Kane County Energy and Environment Committee. Kane County began investigating energy use and conservation activities in 2003 when staff participated in the creation of the Kane County Energy Plan, a document which contains information about energy use, transmission and production facilities and future needs, and recommended conservation strategies for Kane County. The Kane County Board adopted the Kane County 2030 Land Resource Management Plan in 2005, which dedicated a chapter to "Planning Issues – Energy Conservation." In 2008, Kane County formed the Energy and Environmental Technologies Committee of the Kane County Board which has been charged, in part, with the "...responsibility for all matters pertaining to the Kane County energy plan and other energy related issues and opportunities including but not limited to wind turbines, solar energy generation, alternative fuels and other energy sources and projects." Kane County, Illinois is in a solid position to quickly and effectively implement energy efficiency and conservation programs.

2. Describe your government's proposed implementation plan for the use of EECBG Program funds to assist you in achieving the goals and objectives outlined in the strategy describe in question #1. Your description should include a summary of the activities submitted on your activity worksheets, and how each activity supports one or more of your strategy's goals/objectives.

Kane County proposes to implement the following programs to achieve the goals and objectives outlined in the Kane County Energy Efficiency and Conservation Strategy:

1) Update Kane County Energy Plan and Energy Efficiency Documents
Goal Supported: To update the data, coordinate the goals and objectives, and develop new targets for energy efficiency and conservation in the Kane County Energy Plan and Kane County 2040 Land Resource Management Plan
Program Description: Kane County will retain technical consultant services to assist with the production of a five - year update to the Kane County Energy Plan. The five - year update will include formulation of energy efficiency, energy conservation, and energy usage statistics and goals and identification of strategies to achieve those goals. The update will include an assessment of the Energy Efficiency Chapter of the Kane County 2040 Land Resource Management Plan, and coordination of the data, goals, and objectives contained in both strategic documents.

2) Kane County Facility Efficiency Improvements
Goal Supported: To conduct audits of five or more Kane County facilities, create a list of priority energy efficiency improvement projects, and implement measures to maximize energy efficiency improvements and leverage outside resources for additional funding
Program Description: Kane County will carry out facility audits, develop a suite of potential energy efficiency improvements, prioritize improvements, and implement improvements. Kane County will additionally investigate funding or financing alternatives to maximize the number and scope of improvements to be made.

3) Revolving Loan Fund for Public Sector and Nonprofit Energy Efficiency Improvement Projects
Goal Supported: To encourage the improvement of the energy efficiency of three or more public or nonprofit facilities by ten percent or more
Program Description: Kane County will establish a Revolving Loan Fund to encourage public sector and nonprofit energy efficiency facility improvements including retrofitting existing facilities to improve energy efficiency.

4) Sustainable Building Training Program for Builders and Building Trades
Goal Supported: To train forty or more building auditors, building inspectors, building code developers/enforcers, contractors, or tradespeople in advanced energy efficiency and conservation building techniques
Program Description: Kane County, together with the cities of Aurora and Elgin, will establish a regional training program to promote sustainable, energy efficient building techniques. The training program will be offered at reduced rates to builders and contractors located in Kane County. The program will promote energy efficient and energy conserving building and systems design and construction.

5) Improvements to Kane County Division of Transportation Intelligent Transportation System (ITS)
Goal Supported: To reduce traffic congestion in a 60 mile length of county roadway
Program Description: Kane County Division of Transportation will implement improvements to Kane County's Intelligent Transportation System (ITS), which may include the Expansion of the Fiber Optic Interconnect Network from County highway and road segments to a KDOT facility, or the construction of additional facility space to aid in real time management of traffic and maintenance operations.

6)Transportation Long Range Comprehensive Plan; Microsimulation and Corridor Analysis
Goal Supported: To quantify potential vehicle miles traveled/ fuel savings associated with increased transit and corridor improvements to Kane County's Randall Road corridor
Program Description: Kane County Division of Transportation, as part of the Long Range Comprehensive Planning Process, will carry out a Microsimulation and Corridor Analysis to determine the extent to which bus rapid transit, improved transit, and corridor densification will reduce the need for additional transportation infrastructure improvements and reduce vehicle miles traveled, improving the efficiency of Kane County's transportation network.

7) Improvements to Methane Capture and Power Generation Facilities
Goal Supported:To develop an agreement with landfill owners to pursue additional methane capture and energy production
Program Description: Kane County will pursue feasibility and agreements for implementation of the development of additional methane capture and power generation facilities at Kane County landfill facilities.

3. Describe how your government is taking into account the proposed implementation plans and activities for use of funds by adjacent units of local government that are grant recipients under the Program (response not mandatory for Indian Tribes).

Kane County has met with each of the units of government located in Kane County which were alloted funds under the Energy Efficiency and Conservation Block Grant Program. Further, Kane County and the Cities of Aurora and Elgin are working together towards implementing a countywide building trades training program. As neighboring jurisdictions, county and city staff regularly discuss grant programs and objectives. Kane County has additionally contacted Lake County, IL and Madison County, IL to discuss other county approaches to energy efficiency and conservation strategy development. Kane County also receives regular updates from staff at the National Association of County Officials, including summaries of other county Energy Efficiency and Conservation Strategies.

4. Describe how your government will coordinate and share information with the state in which you are located regarding activities carried out with grant funds to maximize energy efficiency and conservation benefits (response not mandatory for Indian Tribes).

The State of Illinois maintains a Department of Commerce and Economic Opportunity (DCEO), through which State Energy Program funds and Energy Efficiency and Conservation Block Grant funds pass. Kane County staff attended a one-day workshop offered by DCEO on the Energy Efficiency and Conservation Block Grant program. The State's DCEO supports a Smart Energy Design Assistance Center (SEDAC). SEDAC offers services and incentive programs to achieve energy efficiency and conservation improvement implementation. Kane County is working with SEDAC to implement facility audits for several county buildings. Kane County is in communication with SEDAC and the director of the State Energy Program to determine whether incentive programs will be extended to power customers served by municipal utilities.

5. Describe how this plan has been designed to ensure that it sustains benefits beyond the EECBG funding period.

1) Update Kane County Energy Plan and Energy Efficiency Documents: The Plans updated through this activity will guide energy use and conservation policy and land use development policy for years beyond the performance period of the Energy Efficiency and Conservation Block Grant program.
2) Kane County Facility Efficiency Improvements: Improvements made to existing Kane County Facilities will continue to yield energy saving benefits for the life of each building addressed.
3) Revolving Loan Fund for Public Sector and Nonprofit Energy Efficiency Improvement Projects: The Revolving Loan program will result in direct energy conservation measures for selected facilities, which will continue to yield energy savings for the life of the facility. Additionally, funds collected back as part of the Revolving Loan program will be re-loaned to new projects, indefinitely extending the potential for new projects and energy reduction measures to be implemented.
4) Sustainable Building Training Program for Builders and Building Trades: The training program is specifically aimed at generating long-term energy efficiency improvements to Kane County's built environment. Through the education and training of building inspectors, auditors, contractors and tradespeople, a market of professionals will be available to meet rising demand for energy efficient structures. A possible certification program will yield recognition to contractors and other professionals which will further promote the desirability of including energy efficiency measures into rehabilitated or new facilities.
5) Improvements to Kane County Division of Transportation Intelligent Transportation System (ITS): Permanent improvements to the County's Intelligent Transportation System will yield reduced congestion and fuel consumption for the life of the road improvement.
6) Transportation Long Range Comprehensive Plan; Microsimulation and Corridor Analysis: This study will provide fuel consumption reduction benefits beyond the performance period of this grant by quantifying the potential impacts on environment and the financial feasibility of improved transit and corridor, making the measures more likely to be included in future roadway improvements.

6. The President has made it clear that every taxpayer dollar spent on our economic recovery must be subject to unprecedented levels of transparency and accountability. Describe the auditing or monitoring procedures currently in place or that will be in place (by what date), to ensure funds are used for authorized purposes and every step is taken to prevent instances of fraud, waste, error, and abuse.

Kane County's standard accounting practices include maintenance of a self-balancing set of accounts on an on-going basis to be closed monthly. It shall be the intent of the County to maintain a program of internal controls to safeguard all assets and ensure effective and efficient use of all assets. Kane County utilizes fund accounting principals and generally accepted accounting practices in the recording of all financial transactions. Kane County also prepares annually a Comprehensive Annual Financial Report (CAFR) that is audited by an independent CPA firm experienced in governmental auditing. In addition, a single audit is completed on compliance with requirements applicable to each major federal program and on internal control over compliance in accordance with OMB Circular A-133.

The Kane County Finance Department has agreed to create new unique accounts upon award of each ARRA-funded grant program in order to clearly track funds and avoid comingling funds with other County revenue sources.

Additionally, a group of staff managing American Recovery and Reinvestment Act (ARRA) funds have met and continue to discuss improvements to the County's financial and reporting systems. An ARRA website is being developed by Kane County Information Technologies staff and will be made available to the public by the date of this grant award. Reports, funding information, and accounting reports will be posted to this central location for ease of access by members of the public.

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U.S. DEPARTMENT OF ENERGY

ENVIRONMENTAL QUESTIONNAIRE

I. BACKGROUND

The Department of Energy (DOE) National Environmental Policy Act (NEPA) Implementing Procedures (10 CFR 1021) require careful consideration of the potential environmental consequences of all proposed actions during the early planning stages of a project or activity. DOE must determine at the earliest possible time whether such actions will require either an Environmental Assessment or an Environmental Impact Statement, or whether they qualify for a Categorical Exclusion. To comply with these requirements, an Environmental Questionnaire must be completed for each proposed action to provide DOE with the information necessary to determine the appropriate level of NEPA review.

II. INSTRUCTIONS

Separate copies of the Environmental Questionnaire should be completed by the principal proposer and appropriate proposer's subcontractor. In addition, if the proposed project includes activities at different locations, an independent questionnaire should be prepared for each location. Supporting information can be provided as attachments.

In completing this Questionnaire, the proposer is requested to provide specific information and quantities, when applicable, regarding air emissions, wastewater discharges, solid wastes, etc., to facilitate the necessary review. The proposer should identify the location of the project and specifically describe the activities that would occur at that location. In addition, the proposer will be required to submit an official copy of the project's statement of work (SOW) or statement of project objective (SOPO) that will be used in the contract/agreement between the proposer and DOE.

III. QUESTIONNAIRE

A. PROJECT SUMMARY

1. Solicitation/Project Number: DE-FOA-0000013
2. Proposer: County of Kane, Illinois
3. Principal Investigator: Karen Kosky
   Telephone Number: 630-208-8665
4. Project Title: Revolving Loan Fund for Public and Nonprofit Energy Efficiency Improvements
5. Duration: 24 months
6. Location(s) of Performance (City/Township, County, State): Kane County, Illinois
7. Identify and select checkbox with the predominant project work activities under Group A-7b or A-7c.

Group A-7b

☒ Work or project activities does NOT involve new building/facilities construction and site preparation activities. This work typically involves routine operation, modification, and retrofit of existing utility and transportation infrastructure, laboratories, commercial buildings/properties, offices and homes, test facilities, factories/power plants, vehicles test stands and components, refueling facilities, greenspace infrastructure, or other existing facilities.

Group A-7c

☐ Work or project activities typically involves major building or facility construction, site preparation; the installation, replacement, or major modifications of energy system prototypes and infrastructure, access right-of-ways and roads; utility, greenspace, and transportation infrastructure, vehicle test facilities; commercial buildings/properties, fuel refinery/mixing facilities, factories/power plants; and other types of energy efficiency/conservation related systems, structures, and facilities. This work can require new or modified regulatory permits, environmental sampling and monitoring requirements, master planning, public involvement, and environmental impact review.

☐ Other types of work or project activities not listed. (please describe):

8. Summarize the objectives of the proposed work. List activities planned at the location as covered by this Environmental Questionnaire. Revolving Loan to be established for energy efficiency retrofits to existing public or nonprofit facilities.

9. List all other locations where proposed work or project would be performed by project's proposer and subcontractors. To be determined (TBD)

10. Identify major project operation related materials and waste that would be used, consumed, and produced by this project or activity. Typical construction debris

11. Provide a brief description of the project location (physical location, surrounding area, adjacent structures). Work to be done within existing envelope of Municipal or Nonprofit Facilities, TBD

12. Attach a site plan or topographic map of the project work area.

B. ENVIRONMENTAL IMPACTS

This section is designed to obtain information for objectively assessing the environmental impacts of a proposed project. NEPA procedures require evaluations of possible effects (including land use, energy resource use, natural, historic and cultural resources, and pollutants) from proposed projects on the environment.

1. Land Use

a. Characterize present land use where the proposed project would be located.

☒ Urban	☐ Industrial	☐ Commercial	☐ Agricultural
☐ Suburban	☐ Rural	☐ Residential	☐ Research Facilities
☐ Forest	☐ University Campus	☐ Other	

b. Describe how land use would be affected by planned construction and project activities.
☒ No construction would be anticipated for this project.

c. Describe any plans to reclaim/replant areas that would be affected by the proposed project.
☒ No land areas would be affected.

d. Would the proposed project affect any unique or unusual landforms (e.g., cliffs, waterfalls, etc.)?
☒ No ☐ Yes (describe)

e. Would the proposed project be located in or near a national park or wilderness area?
☒ No ☐ Yes (describe)

If project work activities falls under item A-7b; then proceed directly to question B.6 (Atmospheric Conditions/Air Quality) and continue to fill out questionnaire.

If project work falls under item A-7c; then proceed directly below to question B.2 (Construction Activities and/or Operations) and continue to fill out questionnaire.

2. Construction Activities and/or Operations

a. Identify any roads, trails, or utility right of ways that traverse the proposed site or will be constructed and clearly mark them on project site maps.
☐ None

b. Would the proposed project require the construction of settling ponds?
☐ No ☐ Yes (describe and identify location, and estimate surface area disturbed)

c. Would the proposed project affect any existing body of water?
☐ No ☐ Yes (describe)

d. Would the proposed project be located in or impact a floodplain or wetland?
☐ No ☐ Yes (describe)

e. Would the proposed project be likely to cause runoff/sedimentation/erosion?
☐ No ☐ Yes (describe)

3. Vegetation and Wildlife Resources

a. Identify any State- or Federal-listed endangered or threatened plant or animal species affected by the proposed project.
☐ None

b. Would any foreign substances/materials be introduced into ground or surface waters, or other earth/geologic resource because of project activities? Would these foreign substances/materials affect the water, soil, and geologic resources?
☐ No ☐ Yes (describe)

c. Would any migratory animal corridors be impacted or disrupted by the proposed project?
☐ No ☐ Yes (describe)

4. Socioeconomic and Infrastructure Conditions.

a. Would local socio-economic changes result from the proposed project?
☐ No ☐ Yes (describe)

b. Would the proposed project generate increased traffic use of roads through local neighborhoods, urban or rural areas.?
☐ No ☐ Yes (describe)

c. Would the proposed project require new transportation access (roads, rail, etc.)? Describe location, impacts, costs.
☐ No ☐ Yes (describe)

d. Would any new transmission lines and/or power line right-of-ways be required?
☐ No ☐ Yes (describe location, voltage, and length of line)

5. Historical/Cultural Resources

a. Describe any historical, archeological, or cultural sites in the vicinity of the proposed project; note any sites included on the National Register of Historic Places.
☐ None

b. Would construction or operational activities planned under the proposed project disturb any historical, archeological, or cultural sites?
☐ No planned construction ☐ No historic sites ☐ Yes (describe)

c. Would the proposed project interfere with visual resources (e.g., eliminate scenic views) or alter the present landscape?
☐ No ☐ Yes (describe)

For all proposed project work activities identified under item A-7b, respond to item B6 directly below and continue filling out environmental questionnaire.

6. Atmospheric Conditions/Air Quality

a. Identify air quality conditions in the immediate vicinity of the proposed project with regard to attainment of National Ambient Air Quality Standards (NAAQS). This information is available under the NAAQS tables from the U.S. EPA Air and Radiation Division.

	Attainment	Non-Attainment
O_3	☒	☐
SO_x	☒	☐
PM_{10}	☒	☐
CO	☒	☐
NO_2	☒	☐
Lead	☒	☐

b. Would proposed project require issuance of new or modified major source air quality permits?
☒ No ☐ Yes (describe)

c. Would the proposed project be in compliance with the National Emissions Standards for Hazardous Air Pollutants?
☐ No (explain) ☒ Yes

d. Would the proposed project be classified as either a New Source or a major modification to an existing source?
☒ No ☐ Yes (describe)

e. Would the proposed project be in compliance with the New Source Performance Standards?
☐ Not Applicable ☐ No (explain) ☒ Yes

f. Would the proposed project be subject to prevention of significant deterioration air quality review?
☒ Not applicable ☐ No (explain) ☐ Yes (describe)

g. What types of air emissions, including fugitive emissions, would be anticipated from the proposed project?
None

h. Would any types of emission control or particulate collection devices be used?
☒ No ☐ Yes (describe, including collection efficiencies)

i. If no control devices are used, how would emissions be vented? No emissions

7. Hydrologic Conditions/Water Quality

a. What is the closest body of water to the proposed project area and what is its distance from the project site?
TBD

b. What sources would supply potable and process water for the proposed project?

Existing facilities have potable water for use during retrofit project

c. Quantify the daily or annual amount of wastewater that would be generated by the proposed project.
none

d. Identify the local treatment facility that would receive wastewater from the proposed project.
☒ No discharges to local treatment facility

e. Describe how wastewater would be collected and treated.
No wastewater

f. Would any run-off or leachates be produced from storage piles or waste disposal sites?
☒ No ☐ Yes (describe source)

g. Would project require issuance of new or modified water permits to perform project work or site development?
☒ No ☐ Yes (describe)

h. Where would wastewater effluents from the proposed project be discharged?
☒ No wastewater produced

i. Would the proposed project be permitted to discharge effluents into an existing body of water?
☒ No ☐ Yes (describe water use and effluent impact)

j. Would a new or modified National Pollutant Discharge Elimination System (NPDES) permit be required?
☒ No ☐ Yes (describe)

k. Would the proposed project adversely affect the quality or movement of groundwater?
☒ No ☐ Yes (describe)

8. Solid and Hazardous Wastes

a. Describe and estimate major nonhazardous solid wastes that would be generated from the project. Solid wastes are defined as any solid, liquid, semi-solid, or contained gaseous material that is discarded or has served its intended purpose, or is a manufacturing or mining by-product (40 CFR 260, Appendix I). TBD - typical construction waste, could include fluorescent light bulbs or ballasts.

b. Would project require issuance of new or modified solid waste and/or hazardous waste related permits to perform project work activities?
☒ No ☐ Yes (explain) TBD

c. How and where would solid waste disposal be accomplished?
☐ On-site (identify and describe location) TBD
☐ Off-site (identify location and describe facility and treatment) TBD

d. How would wastes for disposal be transported?
TBD - in accordance with Illinois State Solid Waste Disposal Regulations

e. Describe and estimate the quantity of hazardous wastes (40 CFR 261.31) that would be generated, used, or stored under this project.
☐ None
TBD

f. How would hazardous or toxic waste be collected and stored?
☐ None used or produced
TBD - in accordance with Illinois State Solid Waste Disposal Regulations

g. If hazardous wastes would require off-site disposal, have arrangements been made with a certified TSD (Treatment, Storage, and Disposal) facility?
☐ Not required ☒ Arrangements not yet made ☐ Arrangements made with a certified TSD facility (identify):

C. DESCRIBE ANY ISSUES THAT WOULD GENERATE PUBLIC CONTROVERSY REGARDING THE PROPOSED PROJECT.
☒ None

IV. CERTIFICATION BY PROPOSER

I hereby certify that the information provided herein is current, accurate, and complete as of the date shown immediately below.

SIGNATURE: Karen Kosky DATE: 6 / 15 / 2009
month day year

TYPED NAME: Karen Kosky

TITLE: Watershed Engineer

ORGANIZATION: Environmental and Building Management Department, County of Kane, Illinois

V. REVIEW AND APPROVAL BY DOE

I hereby certify that I have reviewed the information provided in this questionnaire, have determined that all questions have been appropriately answered, and judge the responses to be consistent with the efforts proposed.

PROJECT MANAGER:

SIGNATURE: _____ DATE: ____ / ____ / ____
month day year

TYPED NAME: _____

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U.S. DEPARTMENT OF ENERGY

ENVIRONMENTAL QUESTIONNAIRE

I. BACKGROUND

The Department of Energy (DOE) National Environmental Policy Act (NEPA) Implementing Procedures (10 CFR 1021) require careful consideration of the potential environmental consequences of all proposed actions during the early planning stages of a project or activity. DOE must determine at the earliest possible time whether such actions will require either an Environmental Assessment or an Environmental Impact Statement, or whether they qualify for a Categorical Exclusion. To comply with these requirements, an Environmental Questionnaire must be completed for each proposed action to provide DOE with the information necessary to determine the appropriate level of NEPA review.

II. INSTRUCTIONS

Separate copies of the Environmental Questionnaire should be completed by the principal proposer and appropriate proposer's subcontractor. In addition, if the proposed project includes activities at different locations, an independent questionnaire should be prepared for each location. Supporting information can be provided as attachments.

In completing this Questionnaire, the proposer is requested to provide specific information and quantities, when applicable, regarding air emissions, wastewater discharges, solid wastes, etc., to facilitate the necessary review. The proposer should identify the location of the project and specifically describe the activities that would occur at that location. In addition, the proposer will be required to submit an official copy of the project's statement of work (SOW) or statement of project objective (SOPO) that will be used in the contract/agreement between the proposer and DOE.

III. QUESTIONNAIRE

A. PROJECT SUMMARY

1. Solicitation/Project Number: DE-FOA-0000013
2. Proposer: County of Kane, Illinois
3. Principal Investigator: Karen Kosky
   Telephone Number: 630-208-8665
4. Project Title: Agreements for Improvements to Methane Capture and Power Generation Facilities
5. Duration: 24 months
6. Location(s) of Performance (City/Township, County, State): Kane County, Illinois
7. Identify and select checkbox with the predominant project work activities under Group A-7b or A-7c.

Group A-7b

☒ Work or project activities does NOT involve new building/facilities construction and site preparation activities. This work typically involves routine operation, modification, and retrofit of existing utility and transportation infrastructure, laboratories, commercial buildings/properties, offices and homes, test facilities, factories/power plants, vehicles test stands and components, refueling facilities, greenspace infrastructure, or other existing facilities.

Group A-7c

☐ Work or project activities typically involves major building or facility construction, site preparation; the installation, replacement, or major modifications of energy system prototypes and infrastructure, access right-of-ways and roads; utility, greenspace, and transportation infrastructure, vehicle test facilities; commercial buildings/properties, fuel refinery/mixing facilities, factories/power plants; and other types of energy efficiency/conservation related systems, structures, and facilities. This work can require new or modified regulatory permits, environmental sampling and monitoring requirements, master planning, public involvement, and environmental impact review.

☐ Other types of work or project activities not listed. (please describe):

8. Summarize the objectives of the proposed work. List activities planned at the location as covered by this Environmental Questionnaire. Pursue agreements and/or studies of additional methane capture on Kane County landfills; activity includes study or agreement development only, no construction activities.

9. List all other locations where proposed work or project would be performed by project's proposer and subcontractors. N/A

10. Identify major project operation related materials and waste that would be used, consumed, and produced by this project or activity. N/A

11. Provide a brief description of the project location (physical location, surrounding area, adjacent structures). N/A

12. Attach a site plan or topographic map of the project work area.

B. ENVIRONMENTAL IMPACTS

This section is designed to obtain information for objectively assessing the environmental impacts of a proposed project. NEPA procedures require evaluations of possible effects (including land use, energy resource use, natural, historic and cultural resources, and pollutants) from proposed projects on the environment.

1. Land Use

a. Characterize present land use where the proposed project would be located.

☐ Urban	☐ Industrial	☐ Commercial	☐ Agricultural
☐ Suburban	☐ Rural	☐ Residential	☐ Research Facilities
☐ Forest	☐ University Campus	☐ Other	

b. Describe how land use would be affected by planned construction and project activities.
☒ No construction would be anticipated for this project.

c. Describe any plans to reclaim/replant areas that would be affected by the proposed project.
☒ No land areas would be affected.

d. Would the proposed project affect any unique or unusual landforms (e.g., cliffs, waterfalls, etc.)?
☒ No ☐ Yes (describe)

e. Would the proposed project be located in or near a national park or wilderness area?
☒ No ☐ Yes (describe)

If project work activities falls under item A-7b; then proceed directly to question B.6 (Atmospheric Conditions/Air Quality) and continue to fill out questionnaire.

If project work falls under item A-7c; then proceed directly below to question B.2 (Construction Activities and/or Operations) and continue to fill out questionnaire.

2. Construction Activities and/or Operations

a. Identify any roads, trails, or utility right of ways that traverse the proposed site or will be constructed and clearly mark them on project site maps.
☐ None

b. Would the proposed project require the construction of settling ponds?
☐ No ☐ Yes (describe and identify location, and estimate surface area disturbed)

c. Would the proposed project affect any existing body of water?
☐ No ☐ Yes (describe)

d. Would the proposed project be located in or impact a floodplain or wetland?
☐ No ☐ Yes (describe)

e. Would the proposed project be likely to cause runoff/sedimentation/erosion?
☐ No ☐ Yes (describe)

3. Vegetation and Wildlife Resources

a. Identify any State- or Federal-listed endangered or threatened plant or animal species affected by the proposed project.
☐ None

b. Would any foreign substances/materials be introduced into ground or surface waters, or other earth/geologic resource because of project activities? Would these foreign substances/materials affect the water, soil, and geologic resources?
☐ No ☐ Yes (describe)

c. Would any migratory animal corridors be impacted or disrupted by the proposed project?
☐ No ☐ Yes (describe)

4. Socioeconomic and Infrastructure Conditions.

a. Would local socio-economic changes result from the proposed project?
☐ No ☐ Yes (describe)

b. Would the proposed project generate increased traffic use of roads through local neighborhoods, urban or rural areas.?
☐ No ☐ Yes (describe)

c. Would the proposed project require new transportation access (roads, rail, etc.)? Describe location, impacts, costs.
☐ No ☐ Yes (describe)

d. Would any new transmission lines and/or power line right-of-ways be required?
☐ No ☐ Yes (describe location, voltage, and length of line)

5. Historical/Cultural Resources

a. Describe any historical, archeological, or cultural sites in the vicinity of the proposed project; note any sites included on the National Register of Historic Places.
☐ None

b. Would construction or operational activities planned under the proposed project disturb any historical, archeological, or cultural sites?
☐ No planned construction ☐ No historic sites ☐ Yes (describe)

c. Would the proposed project interfere with visual resources (e.g., eliminate scenic views) or alter the present landscape?
☐ No ☐ Yes (describe)

For all proposed project work activities identified under item A-7b, respond to item B6 directly below and continue filling out environmental questionnaire.

6. Atmospheric Conditions/Air Quality

a. Identify air quality conditions in the immediate vicinity of the proposed project with regard to attainment of National Ambient Air Quality Standards (NAAQS). This information is available under the NAAQS tables from the U.S. EPA Air and Radiation Division.

	Attainment	Non-Attainment
O_3	☒	☐
SO_x	☒	☐
PM_{10}	☒	☐
CO	☒	☐
NO_2	☒	☐
Lead	☒	☐

b. Would proposed project require issuance of new or modified major source air quality permits?
☒ No ☐ Yes (describe)

c. Would the proposed project be in compliance with the National Emissions Standards for Hazardous Air Pollutants?
☐ No (explain) ☒ Yes

d. Would the proposed project be classified as either a New Source or a major modification to an existing source?
☒ No ☐ Yes (describe)

e. Would the proposed project be in compliance with the New Source Performance Standards?
☒ Not Applicable ☐ No (explain) ☐ Yes

f. Would the proposed project be subject to prevention of significant deterioration air quality review?
☒ Not applicable ☐ No (explain) ☐ Yes (describe)

g. What types of air emissions, including fugitive emissions, would be anticipated from the proposed project?
none

h. Would any types of emission control or particulate collection devices be used?
☒ No ☐ Yes (describe, including collection efficiencies)

i. If no control devices are used, how would emissions be vented? no emissions

7. Hydrologic Conditions/Water Quality

a. What is the closest body of water to the proposed project area and what is its distance from the project site?
N/A

b. What sources would supply potable and process water for the proposed project?
N/A

c. Quantify the daily or annual amount of wastewater that would be generated by the proposed project.
no wastewater

d. Identify the local treatment facility that would receive wastewater from the proposed project.
☒ No discharges to local treatment facility

e. Describe how wastewater would be collected and treated.
no wastewater

f. Would any run-off or leachates be produced from storage piles or waste disposal sites?
☒ No ☐ Yes (describe source)

g. Would project require issuance of new or modified water permits to perform project work or site development?
☒ No ☐ Yes (describe)

h. Where would wastewater effluents from the proposed project be discharged?
☒ No wastewater produced

i. Would the proposed project be permitted to discharge effluents into an existing body of water?
☒ No ☐ Yes (describe water use and effluent impact)

j. Would a new or modified National Pollutant Discharge Elimination System (NPDES) permit be required?
☒ No ☐ Yes (describe)

k. Would the proposed project adversely affect the quality or movement of groundwater?
☒ No ☐ Yes (describe)

8. Solid and Hazardous Wastes

a. Describe and estimate major nonhazardous solid wastes that would be generated from the project. Solid wastes are defined as any solid, liquid, semi-solid, or contained gaseous material that is discarded or has served its intended purpose, or is a manufacturing or mining by-product (40 CFR 260, Appendix I). none

b. Would project require issuance of new or modified solid waste and/or hazardous waste related permits to perform project work activities?
☒ No ☐ Yes (explain)

c. How and where would solid waste disposal be accomplished?
☐ On-site (identify and describe location) N/A
☐ Off-site (identify location and describe facility and treatment) N/A

d. How would wastes for disposal be transported?
N/A

e. Describe and estimate the quantity of hazardous wastes (40 CFR 261.31) that would be generated, used, or stored under this project.
☒ None

f. How would hazardous or toxic waste be collected and stored?
☒ None used or produced

g. If hazardous wastes would require off-site disposal, have arrangements been made with a certified TSD (Treatment, Storage, and Disposal) facility?

☒ Not required ☐ Arrangements not yet made ☐ Arrangements made with a certified TSD facility (identify):

C. DESCRIBE ANY ISSUES THAT WOULD GENERATE PUBLIC CONTROVERSY REGARDING THE PROPOSED PROJECT.

☒ None

IV. CERTIFICATION BY PROPOSER

I hereby certify that the information provided herein is current, accurate, and complete as of the date shown immediately below.

SIGNATURE: Karen Kosky DATE: 6 / 15 / 2009
month day year

TYPED NAME: Karen Kosky

TITLE: Watershed Engineer

ORGANIZATION: Kane County Department of Environmental and Building Management

V. REVIEW AND APPROVAL BY DOE

I hereby certify that I have reviewed the information provided in this questionnaire, have determined that all questions have been appropriately answered, and judge the responses to be consistent with the efforts proposed.

PROJECT MANAGER:

SIGNATURE: _____ DATE: ____ / ____ / ____
month day year

TYPED NAME: _____

Applicants: Please insert relevant information into green boxes. For those activities that you are not funding, please leave blank.

EECBG Eligible Activities	1. Geographic Location (please select from from drop-down list (1))	2. Proposed EECBG Budget ($)	3. Proposed Funds Leveraged ($) (2)	4. Proposed Total Funding ($)	5. Proposed RE technology capacity installed (kW)	6. Proposed Methane Captured (cubic feet)	7. Annual Estimated Expected Energy Savings (million source Btu)	8. Annual Estimated Expected GHG Reduced (metric tons CO2e) (3)	9. Annual Estimated Expected Jobs created and/or retained
	IL								
1. Development of an Energy Efficiency and Conservation Strategy	IL	$ -	$ -	$ -					0
2. Technical Consultant Services	IL	$ 63,000	$ -	$ 63,000			17,350	1,580	1
3. Residential and Commercial Building Energy Audits	IL	$ -	$ -	$ -			-	-	0
4. Financial Incentive Programs	IL	$ 412,000	$ 100,000	$ 512,000			21,077	1,919	6
5. Energy Efficiency Retrofits	IL	$ 1,070,000	$ 500,000	$ 1,570,000			32,916	2,997	17
6. EE and Conservation Programs for Buildings and Facilities	IL	$ 125,000	$ 75,000	$ 200,000					2
7. Development and Implementation of Transportation Programs	IL	$ 750,000	$ 2,200,000	$ 2,950,000					32
8. Building Codes and Inspections	IL	$ -	$ -	$ -			-	-	0
9. Energy Distribution	IL	$ -	$ -	$ -			-	-	0
10. Material Conservation Programs	IL	$ -	$ -	$ -					0
11. Reduction and Capture of Methane and GHG	IL	$ 49,100	$ -	$ 49,100		0	-	-	1
12. Traffic Signals and Street Lighting	IL	$ -	$ -	$ -			-	-	0
13. RE Technologies on Government Building (enter funding and kW in appropriate RE tech row below)	IL								
13a. PV	IL	$ -	$ -	$ -	0		-	-	0
13b. Concentrating Solar Power	IL	$ -	$ -	$ -	0		-	-	0
13c. Wind	IL	$ -	$ -	$ -	0		-	-	0
13d. Geothermal	IL	$ -	$ -	$ -	0		-	-	0
13e. Hydropower	IL	$ -	$ -	$ -	0		-	-	0
14. Other	IL	$ -	$ -	$ -					0

(1) For tribes that span more than one state, please choose your primary geographical location

(2) For information on how to input please see step 2 in "Instructions for Using EECBG estimated expected benefits calculator"

(3) Emission factor per State are derived from EPA eGRID for CO2, CH4 and N2O. For Territories, it was assumed that diesel was used to generate electricity and only CO2 emissions are calculated (these are benchm