

**U.S. Department of Energy**

Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)

ACTIVITY FILE

**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023

**Recipient:** DuPage County

**SEO title :** EV Charging Station Installations

**Revision status:** Active (pending add)

**1. Activity**

<input type="checkbox"/> Strategy Development	<input type="checkbox"/> Technical Consultant Services	<input type="checkbox"/> Building Energy Audits
<input type="checkbox"/> Financial Incentive Programs	<input type="checkbox"/> Energy Efficiency Retrofits	<input type="checkbox"/> Energy Efficiency and Conservation Programs for Buildings and Facilities
<input checked="" type="checkbox"/> Development and Implementation of Transportation Programs	<input type="checkbox"/> Building Codes and Inspections	<input type="checkbox"/> Energy Distribution Technologies for Energy Efficiency
<input type="checkbox"/> Material Conservation Programs	<input type="checkbox"/> Reduction and Capture of Methane and Greenhouse Gases	<input type="checkbox"/> Traffic Signals and Street Lighting
<input type="checkbox"/> Renewable Energy Technologies on Government Buildings	<input type="checkbox"/> Programs for Financing, Purchasing, and Installing EE-RE, and Zero-Emission Transportation Measures	<input type="checkbox"/> Administrative
<input type="checkbox"/> States Sub-grants to Formula-Ineligible Communities (states only)		

**Blueprints**

Energy Planning
<input type="checkbox"/> 1. Energy Planning
Efficient Buildings
<input type="checkbox"/> 2a. Energy Efficiency - Energy Audits and Building Upgrades
<input type="checkbox"/> 2b. Energy Savings Performance Contracts: Energy Efficiency and Electrification in Government Buildings
<input type="checkbox"/> 2c. Building Electrification Campaign
<input type="checkbox"/> 2d. Building Performance Standards & Stretch Codes
Renewables
<input type="checkbox"/> 3a. Solar & Storage - Power Purchase Agreements and Direct Ownership
<input type="checkbox"/> 3b. Community Solar
<input type="checkbox"/> 3c. Solarize Campaign
<input type="checkbox"/> 3d. Renewable Resource Planning for Rural and Tribal Communities
Electric Transportation
<input type="checkbox"/> 4a. Electric Vehicles and Fleet Electrification
<input checked="" type="checkbox"/> 4b. EV Charging Infrastructure for the Community
Finance
<input type="checkbox"/> 5. Unlocking Sustainable Financing Solutions for Energy Projects and Programs with Revolving Loan Funds
Workforce
<input type="checkbox"/> 6. Workforce Development

**2. State:** IL

**3. Sectors**

<input type="checkbox"/> Agriculture / Agricultural	<input checked="" type="checkbox"/> Local Government	<input type="checkbox"/> Residential
<input type="checkbox"/> Commercial	<input type="checkbox"/> Low / Limited Income	<input type="checkbox"/> State or Territory Government
<input type="checkbox"/> Higher Education	<input type="checkbox"/> Non-profits	<input type="checkbox"/> Transportation
<input type="checkbox"/> Industrial	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Tribal / Native American
<input type="checkbox"/> K-12 Schools		

**4. Technology and/or Topic Areas**

<input type="checkbox"/> Audits and Assessments (Energy, Water, and Process)	<input checked="" type="checkbox"/> Environmental Justice
<input type="checkbox"/> Benchmarking	<input type="checkbox"/> Financial Incentives

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ACTIVITY FILE

**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023

**Recipient:** DuPage County

<input type="checkbox"/> Energy Savings Performance Contracting	<input type="checkbox"/> Fuel Cell and Hydrogen Technologies
<input type="checkbox"/> Biofuels	<input type="checkbox"/> Geothermal
<input type="checkbox"/> Building Energy Codes & Inspection Services	<input type="checkbox"/> Hydropower / Hydrokinetic Power
<input type="checkbox"/> Capital Investments & Financing	<input type="checkbox"/> Not Applicable
<input type="checkbox"/> Biomass	<input type="checkbox"/> On-site Renewable Energy
<input checked="" type="checkbox"/> Clean Energy / Clean Energy Technologies	<input type="checkbox"/> Pedestrian & Bike Infrastructure
<input type="checkbox"/> Commuting Infrastructure	<input type="checkbox"/> Reduce Commuting
<input type="checkbox"/> Distributed Energy Resources	<input type="checkbox"/> Resiliency
<input type="checkbox"/> Education and Outreach	<input type="checkbox"/> Retrofits
<input checked="" type="checkbox"/> Electric Vehicles and Infrastructure	<input type="checkbox"/> Solar
<input type="checkbox"/> Energy Affordability	<input type="checkbox"/> Workforce Development
<input type="checkbox"/> Energy Management	<input type="checkbox"/> STEM Education
<input type="checkbox"/> Energy Audits	<input type="checkbox"/> Storage
<input type="checkbox"/> Energy Certification Programs	<input type="checkbox"/> Strategy Development
<input type="checkbox"/> Energy Conservation	<input type="checkbox"/> Technical Assistance
<input type="checkbox"/> Energy Efficiency	<input type="checkbox"/> Traffic Signals & Street Lighting
<input type="checkbox"/> Energy Equity	<input type="checkbox"/> Waste to Energy / Solid Waste Minimization
<input type="checkbox"/> Assessments & Feasibility Studies	<input type="checkbox"/> Weatherization
<input type="checkbox"/> ENERGY STAR	<input type="checkbox"/> Wind
<input type="checkbox"/> Energy Workforce Training	

**5. Estimated annual energy savings:**  MBtus

**6. Description (executive summary of goals and objectives)\***

Installation of 2 dual port charging stations at the DuPage County Courthouse. Will be able to track users and calculate GHG avoided and kWh used. Not a savings of electricity, but avoidance of gasoline emissions.

**7. Activity milestones**

Milestone Description	Planned Amount
Solicit pricing for EVSE - Q1 2024	1
Order stations and take delivery Q2 2024	1
Complete prep work for station installations - Q2 2024	1
Install Stations - Q2 - Q3 2024	1

**8. Activity performance metrics**

a. Specific metric activity (required)\*\*

**9. Activity funds by source**

a. EECBGBIL grant (all funds in the approved budget)

Fund Source	Planned Amount
Federal	
Fund Source Type: Federal	\$60,700.00

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Total	\$60,700.00
b. Leveraged funds anticipated (outside approved budget)	
Fund Source	Planned Amount
<i>No records found</i>	
Total	\$0.00

\*Please use additional pages if more space is needed.

\*\*Mandatory requirement

**U.S. Department of Energy**  
 Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)  
 ACTIVITY FILE  
**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023  
**Recipient:** DuPage County

**SEO title :** Solar Panel Installation on Administration Building

**Revision status:** Active (pending add)

**1. Activity**

<input type="checkbox"/> Strategy Development	<input type="checkbox"/> Technical Consultant Services	<input type="checkbox"/> Building Energy Audits
<input type="checkbox"/> Financial Incentive Programs	<input type="checkbox"/> Energy Efficiency Retrofits	<input type="checkbox"/> Energy Efficiency and Conservation Programs for Buildings and Facilities
<input type="checkbox"/> Development and Implementation of Transportation Programs	<input type="checkbox"/> Building Codes and Inspections	<input type="checkbox"/> Energy Distribution Technologies for Energy Efficiency
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Workforce
<input type="checkbox"/> 6. Workforce Development

**2. State:** IL

**3. Sectors**

<input type="checkbox"/> Agriculture / Agricultural	<input checked="" type="checkbox"/> Local Government	<input type="checkbox"/> Residential
<input type="checkbox"/> Commercial	<input type="checkbox"/> Low / Limited Income	<input type="checkbox"/> State or Territory Government
<input type="checkbox"/> Higher Education	<input type="checkbox"/> Non-profits	<input type="checkbox"/> Transportation
<input type="checkbox"/> Industrial	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Tribal / Native American
<input type="checkbox"/> K- 12 Schools		

**4. Technology and/or Topic Areas**

<input type="checkbox"/> Audits and Assessments (Energy, Water, and Process)	<input type="checkbox"/> Environmental Justice
<input type="checkbox"/> Benchmarking	<input type="checkbox"/> Financial Incentives

**U.S. Department of Energy**  
 Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)  
 ACTIVITY FILE  
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**Recipient:** DuPage County

<input type="checkbox"/> Energy Savings Performance Contracting	<input type="checkbox"/> Fuel Cell and Hydrogen Technologies
<input type="checkbox"/> Biofuels	<input type="checkbox"/> Geothermal
<input type="checkbox"/> Building Energy Codes & Inspection Services	<input type="checkbox"/> Hydropower / Hydrokinetic Power
<input type="checkbox"/> Capital Investments & Financing	<input type="checkbox"/> Not Applicable
<input type="checkbox"/> Biomass	<input type="checkbox"/> On-site Renewable Energy
<input type="checkbox"/> Clean Energy / Clean Energy Technologies	<input type="checkbox"/> Pedestrian & Bike Infrastructure
<input type="checkbox"/> Commuting Infrastructure	<input type="checkbox"/> Reduce Commuting
<input type="checkbox"/> Distributed Energy Resources	<input type="checkbox"/> Resiliency
<input type="checkbox"/> Education and Outreach	<input type="checkbox"/> Retrofits
<input type="checkbox"/> Electric Vehicles and Infrastructure	<input checked="" type="checkbox"/> Solar
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<input type="checkbox"/> Energy Management	<input type="checkbox"/> STEM Education
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<input type="checkbox"/> Energy Efficiency	<input type="checkbox"/> Traffic Signals & Street Lighting
<input type="checkbox"/> Energy Equity	<input type="checkbox"/> Waste to Energy / Solid Waste Minimization
<input type="checkbox"/> Assessments & Feasibility Studies	<input type="checkbox"/> Weatherization
<input type="checkbox"/> ENERGY STAR	<input type="checkbox"/> Wind
<input type="checkbox"/> Energy Workforce Training	

5. Estimated annual energy savings:  MBtus

6. Description (executive summary of goals and objectives)\*

DuPage County is currently installing solar panels on the County's Administration building thanks for a partial private donor contribution. This installation will cover approximately 1/3 of the building. The County would like to install panels on the remainder of the building.

7. Activity milestones

Milestone Description	Planned Amount
Complete design and bid drawings for PV system	1
Issue RFP for Solar Firm ( +/- 250 kW system approx. 600 panels) - Q2 2024	1
Enter into agreement with firm and begin planning - panel selection & final design - Q2 -Q3 2024	1
Approve final design & permit system - Q3 & Q4 2024	1
Receive panel and invertors - Q4 2024 & Q1 2025	1
Prep building interior with electrical conduit & subpanel install Q1 2025	1
Install panels & inverter - Q2 & Q3 2025	1
Electrify the panels final QA/QC - Q4 2025	1

8. Activity performance metrics

a. Specific metric activity (required)\*\*

9. Activity funds by source

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**Recipient:** DuPage County

a. EECBGBIL grant (all funds in the approved budget)

Fund Source	Planned Amount
Federal	
Fund Source Type: Federal	\$218,725.88
<b>Total</b>	<b>\$218,725.88</b>

b. Leveraged funds anticipated (outside approved budget)

Fund Source	Planned Amount
<i>No records found</i>	
<b>Total</b>	<b>\$0.00</b>

\*Please use additional pages if more space is needed.

\*\*Mandatory requirement

**U.S. Department of Energy**  
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ACTIVITY FILE

**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023

**Recipient:** DuPage County

**SEO title :** Tunnel LED Lighting Retrofit

**Revision status:** Active (pending add)

**1. Activity**

<input type="checkbox"/> Strategy Development	<input type="checkbox"/> Technical Consultant Services	<input type="checkbox"/> Building Energy Audits
<input type="checkbox"/> Financial Incentive Programs	<input checked="" type="checkbox"/> Energy Efficiency Retrofits	<input type="checkbox"/> Energy Efficiency and Conservation Programs for Buildings and Facilities
<input type="checkbox"/> Development and Implementation of Transportation Programs	<input type="checkbox"/> Building Codes and Inspections	<input type="checkbox"/> Energy Distribution Technologies for Energy Efficiency
<input type="checkbox"/> Material Conservation Programs	<input type="checkbox"/> Reduction and Capture of Methane and Greenhouse Gases	<input type="checkbox"/> Traffic Signals and Street Lighting
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Workforce
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**2. State:** IL

**3. Sectors**

<input type="checkbox"/> Agriculture / Agricultural	<input checked="" type="checkbox"/> Local Government	<input type="checkbox"/> Residential
<input type="checkbox"/> Commercial	<input type="checkbox"/> Low / Limited Income	<input type="checkbox"/> State or Territory Government
<input type="checkbox"/> Higher Education	<input type="checkbox"/> Non-profits	<input type="checkbox"/> Transportation
<input type="checkbox"/> Industrial	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Tribal / Native American
<input type="checkbox"/> K- 12 Schools		

**4. Technology and/or Topic Areas**

<input type="checkbox"/> Audits and Assessments (Energy, Water, and Process)	<input type="checkbox"/> Environmental Justice
<input type="checkbox"/> Benchmarking	<input type="checkbox"/> Financial Incentives

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**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023

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<input type="checkbox"/> Energy Savings Performance Contracting <input type="checkbox"/> Biofuels <input type="checkbox"/> Building Energy Codes & Inspection Services <input type="checkbox"/> Capital Investments & Financing <input type="checkbox"/> Biomass <input type="checkbox"/> Clean Energy / Clean Energy Technologies <input type="checkbox"/> Commuting Infrastructure <input type="checkbox"/> Distributed Energy Resources <input type="checkbox"/> Education and Outreach <input type="checkbox"/> Electric Vehicles and Infrastructure <input type="checkbox"/> Energy Affordability <input type="checkbox"/> Energy Management <input type="checkbox"/> Energy Audits <input type="checkbox"/> Energy Certification Programs <input type="checkbox"/> Energy Conservation <input checked="" type="checkbox"/> Energy Efficiency <input type="checkbox"/> Energy Equity <input type="checkbox"/> Assessments & Feasibility Studies <input type="checkbox"/> ENERGY STAR <input type="checkbox"/> Energy Workforce Training	<input type="checkbox"/> Fuel Cell and Hydrogen Technologies <input type="checkbox"/> Geothermal <input type="checkbox"/> Hydropower / Hydrokinetic Power <input type="checkbox"/> Not Applicable <input type="checkbox"/> On-site Renewable Energy <input type="checkbox"/> Pedestrian & Bike Infrastructure <input type="checkbox"/> Reduce Commuting <input type="checkbox"/> Resiliency <input type="checkbox"/> Retrofits <input type="checkbox"/> Solar <input type="checkbox"/> Workforce Development <input type="checkbox"/> STEM Education <input type="checkbox"/> Storage <input type="checkbox"/> Strategy Development <input type="checkbox"/> Technical Assistance <input type="checkbox"/> Traffic Signals & Street Lighting <input type="checkbox"/> Waste to Energy / Solid Waste Minimization <input type="checkbox"/> Weatherization <input type="checkbox"/> Wind
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5. Estimated annual energy savings:  MBtus

**6. Description (executive summary of goals and objectives)\***

DuPage County has a tunnel system for its operations systems. The tunnels are currently lit with metal halide and fluorescent fixtures. The County would like to retrofit the lighting to an LED fixture with the additional layer of an occupancy sensor to further reduce the electricity consumption.

**7. Activity milestones**

Milestone Description	Planned Amount
Solicit pricing for LED fixtures - Q2 2024	1
Order LED fixtures (68 4-ft LED w/occup. sensors 80 8-ft w/occup sensors) - Q3 2024	1
Take delivery of fixtures and begin installation - Q4 2024 & Q1 2025	1
Complete installation - Q1 2025	1

**8. Activity performance metrics**

a. Specific metric activity (required)\*\*

1. Retrofits

**9. Activity funds by source**

a. EECBGBIL grant (all funds in the approved budget)

Fund Source	Planned Amount
Federal	
Fund Source Type: Federal	\$70,234.12



**U.S. Department of Energy**

Energy Efficiency and Conservation Block Grant Program – Bipartisan Infrastructure Law 2021 (EECBGBIL)

ACTIVITY FILE

**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023

**Recipient:** DuPage County

Total	\$70,234.12
b. Leveraged funds anticipated (outside approved budget)	
Fund Source	Planned Amount
<i>No records found</i>	
Total	\$0.00

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\*\*Mandatory requirement

**U.S. Department of Energy**  
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ACTIVITY FILE

**Grant Number:** SE0000181, **State:** IL, **Program Year:** 2023

**Recipient:** DuPage County

**SEO title :** Workforce Gap Analysis & Training

**Revision status:** Active (pending add)

**1. Activity**

<input type="checkbox"/> Strategy Development	<input checked="" type="checkbox"/> Technical Consultant Services	<input type="checkbox"/> Building Energy Audits
<input type="checkbox"/> Financial Incentive Programs	<input type="checkbox"/> Energy Efficiency Retrofits	<input type="checkbox"/> Energy Efficiency and Conservation Programs for Buildings and Facilities
<input type="checkbox"/> Development and Implementation of Transportation Programs	<input type="checkbox"/> Building Codes and Inspections	<input type="checkbox"/> Energy Distribution Technologies for Energy Efficiency
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**2. State:** IL

**3. Sectors**

<input type="checkbox"/> Agriculture / Agricultural	<input checked="" type="checkbox"/> Local Government	<input type="checkbox"/> Residential
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<input type="checkbox"/> Higher Education	<input type="checkbox"/> Non-profits	<input type="checkbox"/> Transportation
<input type="checkbox"/> Industrial	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Tribal / Native American
<input type="checkbox"/> K- 12 Schools		

**4. Technology and/or Topic Areas**

<input type="checkbox"/> Audits and Assessments (Energy, Water, and Process)	<input checked="" type="checkbox"/> Environmental Justice
<input type="checkbox"/> Benchmarking	<input type="checkbox"/> Financial Incentives

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<input type="checkbox"/> Building Energy Codes & Inspection Services	<input type="checkbox"/> Hydropower / Hydrokinetic Power
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5. Estimated annual energy savings:  MBtus

**6. Description (executive summary of goals and objectives) \***

**Clean Energy Workforce Analysis-- \$10,000-\$25,000**

Request proposals for completion (or Commission) of a comprehensive study to include, but not be limited to:

- 1 Inventory of DuPage’s current clean energy related workforce and gaps
- 1 Current and projected supply and demand for clean energy related occupations in DuPage
- 1 Inventory of training programs/providers for needed skills and credentials; gaps
- 1 Analysis of types of clean energy industries and employers best suited for DuPage

This report will inform current and long-term efforts to develop the necessary workforce for clean energy businesses, as well as potentially position DuPage for future funding associated with clean energy jobs initiatives.

**Clean Energy Jobs Training-- \$75,000**

Connect residents of designated Climate & Economic Justice areas within DuPage County to clean energy-related job training; the workforce analysis will inform areas of focus for specific occupations, training programs, employers, etc. Potential projects could include:

- 1 Paying tuition or training costs for individual residents
- 1 Providing supportive services to remove barriers for residents’ successful training completion
- 1 A cohort program for a group of residents in a specific Climate & Economic Justice area
- 1 Paid short-term work experience (on-the-job training)
- 1 Upskill training for current workers to add required clean energy skills.

**7. Activity milestones**

Milestone Description	Planned Amount
Clean Energy Workforce Gap Analysis - Q1-Q3 2024	1
As determine by gap analysis, create job trainings - Q4 2024 & 1 -Q 2025	4

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Conduct training for workforce - Q1-4 2025	50
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**8. Activity performance metrics**

a. Specific metric activity (required)**
9. Training and Education/ Technical Assistance

**9. Activity funds by source**

a. EECBGBIL grant (all funds in the approved budget)	
Fund Source	Planned Amount
Federal	
Fund Source Type: Federal	\$100,000.00
<b>Total</b>	<b>\$100,000.00</b>
b. Leveraged funds anticipated (outside approved budget)	
Fund Source	Planned Amount
<i>No records found</i>	
<b>Total</b>	<b>\$0.00</b>

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\*\*Mandatory requirement