

# INDIANA OFFICE OF ENERGY DEVELOPMENT

## INDIANA COMMUNITY ENERGY SECURITY PLANNING GRANT PROGRAM

January 31, 2023



# Housekeeping

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- Please ensure you are muted throughout the meeting. We will begin everyone in mute mode without cameras, but will open it up during the Q&A.
- Presentation will be about 20 minutes followed by a Q&A period.
- Additional questions can be emailed to [grants@oed.in.gov](mailto:grants@oed.in.gov) or to [info@drivecleanindiana.org](mailto:info@drivecleanindiana.org)
- Presentation will be posted to the OED website after this meeting.

# DRIVE CLEAN INDIANA

DCI -- headquartered in St. John, Indiana -- is a 501(c)(3) nonprofit organization managed by Legacy Environmental Services, Inc., an Indiana Certified Women's Business Enterprise.

Designated as the 71st Clean Cities coalition on June 15, 1999, DCI is one of the U.S. DOE's more than 75 Clean Cities coalitions across the country.



# PRESENTERS



**Moderator:**

Carl Lisek, Executive Director  
Drive Clean Indiana



**Indiana Office of Energy Development Presenters:**

Julie Kempf: Policy Director

Jake Carrico: Energy Security Program Manager (Technical Lead)

Jamie Hosier: Grant Manager (Grant Lead)



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# Indiana Community Energy Security Planning Grant Program

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INDIANA OFFICE OF ENERGY DEVELOPMENT

JANUARY 2023

# About the Indiana Office of Energy Development (OED)

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- Mission: To support the development of affordable, stable, and reliable energy solutions for the benefit of all Hoosiers.
- State of Indiana's federally-designated State Energy Office (SEO).
- Priorities:
  - Policy Guidance
  - Grant Administration
  - Public Education

# Agenda

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- What is Energy Security Planning?
- Purpose of grant
- What is an Energy Security Plan?
- Community Energy Security Planning Grant Program
- Application Guidance
- Q&A



## What is Energy Security Planning?

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Ensuring a reliable and resilient supply of energy through efforts to identify, assess, and mitigate risks to infrastructure and to plan for, respond to and recover from events that disrupt energy supply.



## ANNUAL ENERGY CONSUMPTION

**ELECTRIC POWER:** 104,220 GWh

**COAL:** 44,800 MSTN

**NATURAL GAS:** 883 Bcf

**MOTOR GASOLINE:** 71,000 Mbbl

**DISTILLATE FUEL:** 38,600 Mbbl

## ANNUAL ENERGY PRODUCTION

**ELECTRIC POWER GENERATION:** 179 plants, 102.5 TWh,  
12.7 GW total capacity

**Coal:** 16 plants, 60.8 TWh, 17.0 GW total capacity

**Hydro:** 5 plants, 0.3 TWh, 0.1 GW total capacity

**Natural Gas:** 36 plants, 32.0 TWh, 9.0 GW total capacity

**Nuclear:** 0 plants

**Petroleum:** 13 plants, 0.1 TWh, 0.1 GW total capacity

**Wind & Solar:** 83 plants, 6.5 TWh, 2.6 GW total capacity

**Other sources:** 26 plants, 2.8 TWh, 0.9 GW total capacity

**COAL:** 31,500 MSTN











**NATURAL GAS:** 10 Bcf

**CRUDE OIL:** 1,600 Mbbl

**ETHANOL:** 28,400 Mbbl

*Data from EIA (2018, 2019).*

## Annualized Frequency of and Property Damage Due to Natural Hazards, 2009 – 2019

	HAZARD FREQUENCY – Annualized	PROPERTY DAMAGE – Annualized (\$Million per year)
Drought 	2	\$0
Earthquake (≥ 3.5 M) 	<1	\$0
Extreme Heat 	4	\$0
Flood 	54	\$5
Hurricane 	0	\$0
Landslide 	0	\$0
Thunderstorm & Lightning 	116	\$11
Tornado 	16	\$10
Wildfire 	<1	\$0
Winter Storm & Extreme Cold 	35	\$4

*Data Sources: NOAA and USGS*

# Purpose

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- Support local energy security planning.
- Improve reliability and resiliency for Hoosiers.
- Strengthen communications between public and private sector.

The logo for the Indiana Office of Energy Development is a circular seal with a serrated edge. It features a central sunburst design. The text "INDIANA OFFICE OF ENERGY DEVELOPMENT" is written around the inner circle of the seal in a yellow, serif font. Two horizontal lines are positioned above and below the main text.

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# What is an Energy Security Plan?

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# Identify

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- Energy Sources: Identify the energy resources in your community.
- Providers: Outline the main energy providers in your community.
- Critical Infrastructure: Use [16 sectors](#) on CISA Website.
  - Schools, heating and cooling centers, etc.
- Potential Hazards: All-hazard mitigation approach, natural and man-made hazards.

# Assess

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- Assess the generation, transmission, and distribution infrastructure in your community.
- Use of energy: How much energy does your community use?
- Risk assessment: Are there known problem areas? Analyze Cross-sector independencies.

# Prepare and Mitigate

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- Strengthen: Are certain elements of infrastructure in your community aging? Problematic areas?
- Secure: What steps could be taken to secure critical infrastructure?
- Restore: How can your community swiftly and effectively respond to a major outage caused by a hazard?

# Communicate

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- Roles: Identify all relevant public and private stakeholders.
- Responsibilities: What are the responsibilities of the entities identified in the event of an emergency?
- Coordination: Is there any regional coordination? Identify federal and state level contacts in the event that local resources are overwhelmed.

# Test & Use

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- Outline how your community plans to test the plan.
- The plan should be reviewed and corrected on the following occasions:
  - Execution and/or activation of the plan
  - Upon completion of review based on planning section schedule
  - Change in federal or state guidelines, standards, or plans.



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# Community Energy Security Planning Grant Overview

# Grant Opportunity

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- Eligible Applicants: County governments, towns, cities, regional planning organizations, or nonprofits working on behalf of communities.
- Award maximum: \$50,000.
- Match: A minimum of 10% match of the award amount
- Submission Deadline: **March 1, 2023.**

# Grant Opportunity

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- Projects must complete an energy security plan by the end of the grant.
- Quarterly progress reports are required.
- Only one grant submission per applicant.
- Keep applications to 6 pages or less.

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# Application Guidance

# Application Guidance

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- Reference the application instructions.
- Applicants must have a bidder profile with the State of Indiana Department of Administration (IDOA).
- Organizational Contact will be the person managing the grant (i.e. emergency management agencies)
- Authorized representative is the person with authority to enter into the agreements with the State (i.e. Mayors office, financial officer)

# Application Guidance (cont.)

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- **Describe planning efforts for energy security and list any related plans.**
  - **EXAMPLE:** *Our community mainly relies on our local utility to handle security matters related to the grid. However, our community hosts a "cascading events" exercise annually where we develop a scenario and highlight hazards that can come from it, including electrical failure. The only related plan our community has is our "All-Hazard Mitigation Plan".*

# Application Guidance (cont.)

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- **Describe the community this plan will serve. Explain how it will benefit the community.**
  - **EXAMPLE:** *ABC County has a population of 270,000 people. The critical facilities that serve ABC County are 10 hospitals, 15 grocery stores, and 20 schools. ABC County is served by 4 municipal electric utilities, and 1 investor-owned utility. According to the [Energy Justice Dashboard](#), the southwest corner of ABC county is a disadvantaged community with 15,000 people.*
  - **EXAMPLE:** *ABC County would like to use the plan to identify areas for future investments in energy security and resilience, which will benefit the residents and area businesses.*



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# Questions?

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ADDITIONAL QUESTIONS CAN BE EMAILED TO  
[GRANTS@OED.IN.GOV](mailto:GRANTS@OED.IN.GOV)





## UPCOMING EVENTS

**Indiana Clean School Bus Consortium Introductory Webinar**  
**February 7 @ 10:00 am - 11:00 am**

**NTEA Work Truck Week**  
**Indianapolis, IN**  
**March 7-10**  
**Use Code **DCI23** for Free Passes**

**Fleet Manager Networking Reception**  
**Indianapolis, Indiana**  
**March 8 @ 4:30 am - 7:30 pm**

Register at [www.DriveCleanIndiana.org](http://www.DriveCleanIndiana.org)