
Wisconsin's Refueling Readiness Grant Program

October 6, 2021
1:00-2:00 PM

Agenda

- ▶ Introduction to the Wisconsin Office of Energy Innovation
- ▶ Background on the Refueling Readiness Grant Program
- ▶ Program Timeline
- ▶ Eligible Applicants
- ▶ Eligible Project Activities
- ▶ Application Review Criteria
- ▶ Reporting Requirements
- ▶ Questions?

Office of Energy Innovation

Vision

Our vision is that Wisconsin homes, businesses, and vehicles are powered with clean, efficient, reliable energy that creates jobs and grows our economy in an equitable manner where all can share in the benefits.

Mission

Developing Wisconsin's energy landscape to be secure, environmentally responsible, and growing the state's economy for all.

Programs

- ✓ Focus on Energy: Incentives, Technical Assistance, Training, Trade Ally Support
- ✓ State Energy Office: Grants, Technical Assistance, Energy Statistics & Data, Energy Security

Office of Energy Innovation

Strategies:

- ✓ Advance and deploy energy efficiency, renewable energy, and energy storage technologies through EIGP.
- ✓ Advance energy security and resiliency through planning, statewide collaboration and grant programs such as Refueling Readiness and Critical Infrastructure Microgrids and Community Resiliency Centers.
- ✓ Accelerate Clean Transportation through annual State Energy Program funding.
- ✓ Increase equitable access to efficiency and renewable energy technologies through SEP funded projects targeted to communities in need.
- ✓ Provide current, actionable energy data and statistics to the public through the modernized Wisconsin Energy Stats Dashboard.

WI Refueling Readiness Grant Program Background

- ▶ **WI Refueling Readiness- Round III** design and budget were established by the Public Service Commission in an open meeting on April 15, 2021.
- ▶ **WI Refueling Readiness- Round II 2018-** wired 3 blending terminals with a budget of \$150,000.
- ▶ **Federally Funded** through U.S. Department of Energy by the State Energy Program Formula Grant

Key Considerations for WI Refueling Readiness III

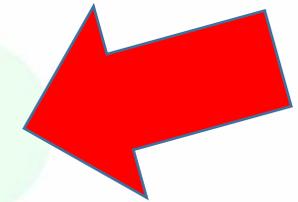
- ▶ The petroleum shortage contingency planning process, which included private companies, state and federal agencies, and the National Association of State Energy Officials (NASEO), has determined that Wisconsin should ensure there are reliable fueling stations where emergency vehicles can obtain diesel fuel or gasoline.
- ▶ **These locations are known as fueling points of distribution or (F-PODs).** Commission staff first became aware of this concept through the State of Oregon's energy emergency planning efforts. Oregon's efforts were to prepare for a tsunami that could destroy coastal infrastructure and communities. Though Wisconsin faces different types of natural disasters, the F-POD concept was tested through 2018's Dark Sky1 exercise. The test simulated fueling locations to provide fuel to emergency vehicles and was proven to be invaluable in restoring power restoration and continuing lifeline operations

Strategic Program Objectives

- ▶ Foster critical infrastructure security and resilience, improving the ability to prepare for, and adapt to, changing conditions and also to withstand and recover rapidly from disruptions. Resilience includes the ability to withstand and recover from deliberate attacks, accidents, or naturally occurring threats or incidents.
- ▶ Prioritize reliability and resilience benefits (during outages not caused by events beyond a utility's control) and benefits of avoiding major power outages (i.e. outages caused by major storms or other events beyond a utility's control).
- ▶ Help provide equitable access to emergency services, improve resilience of rural and urban areas by improving access to fuel for first responders and utility line trucks, including the benefits of clean energy, efficiency, and preparedness by reaching broad applicant types.
- ▶ This grant round will strategically focus on:
 - ▶ Certain counties and tribal lands without existing generator capability,
 - ▶ Public and Private Fueling locations,
 - ▶ And bulk storage facilities preferably in the Northwestern region

Program Timeline

DATE	EVENT
September 22, 2021	Date of issue of the Application Instructions
October 6, 2021 1:00pm	Webinar for interested parties
November 3, 2021	Applications due by 4:30 pm CT on Wednesday, November 3, 2021
November 2021 (TBD)	Screening committee evaluation
December 2021 (TBD)	PSC determination of awards
January 2022 (TBD)	Contract negotiations
January 2022 – June 30, 2022 (TBD)	Project performance period



Applicable Definitions

- ▶ **Bulk Petroleum Storage Facility (Bulk Tank or station):** A privately owned facility used in the storage or marketing of petroleum products (including propane), which has a total bulk storage capacity of less than 50,000 barrels and receives product by rail, barge, or truck.
- ▶ **Emergency vehicles:** Include, but are not limited to ambulances or first responders; highway maintenance vehicles; police, fire, and sheriff's department vehicles; emergency government and utility vehicles; National Guard and federal emergency vehicles; State Patrol and state emergency vehicles.
- ▶ **F-POD or Designated Disaster Fueling Facility:** A privately or municipally/tribally owned fueling facility capable of dispensing diesel fuel or gasoline 24 hours per day, seven days per week and designated by agreement to remain open during declared emergencies.

Technology Example

▶ Transfer Switch & Connector Box



Backup Power Electrical Panel, right, and RTS Automatic Transfer Switch



North Wall – Opened Generator Connection Box

Eligible Facilities

- ▶ Privately owned bulk petroleum storage facilities
- ▶ Municipally and tribally owned highway shops
- ▶ Privately, Municipally, and Tribally owned convenience stores with both unleaded and diesel fuel availability

Eligible Project Activities by Area of Interest (AOI)

AOI One: Tap Switch Installation Grants

- ❖ Up to \$5,000 per tap switch for a typical highway shop or convenience store.
- ❖ Up to \$25,000 for Bulk Storage Facilities per switch gear (larger-scale, requiring engineering planning) so that bulk facilities can purchase or rent a generator to provide back-up power to the facility.

AOI Two: Generator Readiness

Up to \$100,000 to offset installation of generation and storage and associated appurtenances to a fueling location to serve first responders, which aims to prevent back flow onto the grid and provide back-up power in the event of an emergency

Eligible Project Activities and Funds Available

Activity	Maximum Grant Request	Available Funds per Activity	
AOI One: Tap Switch Installation Grants		\$115,000	
Typical Highway Shop or Convenience Store	\$5,000		
Bulk Storage Facilities	\$25,000		
AOI Two: Generator Readiness	\$100,000	\$100,000	
Total		\$215,000	

Required Accounts – START TODAY!

- ❑ Applications will be submitted using the Commission’s Electronic Records Filing System (ERF)
 - ❑ You must register for an account before you apply
 - ❑ “Individual” account type is preferred and fastest). **Create an ERF Account Today!**
 - ❑ You must file by **4:30 PM** on the due date (November 3, 2021). **File early** if possible!
 - ❑ Avoid Confidential Filing unless absolutely necessary! See Section 2.3 of the Application Instructions **in advance** for Notary Public Requirements.

- ❑ DUNS Number is a unique identifier for recipients of Federal funds
- ❑ SAM.gov Registration provides us with data on your organization and its ability to receive Federal funds

Application Content

- ▶ Application Cover Sheet (Attachment A)
- ▶ Application Budget Sheet (Attachment B)
- ▶ Application Narrative

Project Proposal Cover Sheet (Attachment A)



Public Service Commission of Wisconsin
Office of Energy Innovation
Refueling Readiness Grant Program



ATTACHMENT A - COVER SHEET

SECTION I - Provide information summarizing the project proposal.		
Project Title:		
PSC Grant Request (\$):	Applicant Cost Share (\$):	Project Total (\$):
Select all that apply:		
<input type="checkbox"/> Area of Interest One- Tap Switch (up to \$5,000)	<input type="checkbox"/> Area of Interest One- Bulk Tank Station Tap Switch (up to \$25,000)	<input type="checkbox"/> Area of Interest Two- Generator Readiness (up to \$100,000)
SECTION II - Provide information for your organization, signatory, and primary contact for the project.		
Applicant:		
Name (on W-9):		
Address (on W-9):		
County or Counties Served by Project:		
DUNS Number or CAGE Code:		
FEIN:		
Authorized Representative/Signatory (Person authorized to submit applications and sign contracts)		Primary Contact (if different from Authorized Representative)
Name:		Name:
Title:		Title:
Phone:		Phone:
E-mail:		E-mail:
Signature of the Authorized Representative		

Application Narrative AOI One

1. Is the facility open or accessible 24 hours per day, 7 days per week, and/or would have the ability to remain open and staffed in the event of an emergency?
2. Does the facility have ample storage for diesel fuel and gasoline, including a set of pumps that could be dedicated to emergency vehicles in the event of an emergency?
3. Does the facility have any outstanding state tax warrants or tax delinquencies?
4. What is the facility's location? Discuss proximity to population centers, and ease of accessibility for emergency vehicles (including utility line trucks, is there a separate island for diesel?). Attach aerial photo, indicate where the tap-switch and mobile or permanent generator will be installed.
5. Explain the total project costs and leverage offered (in-kind or cash), note that match is not required, but can demonstrate the applicant's commitment to the project. Include contractor quotes if available.
6. Does the facility management have a relationship with local/county/tribal/state emergency management and/or first responders? Please describe. Be sure to note the facility's inclusion in any county/tribal/local emergency plans, if applicable.

Application Narrative AOI Two

Generator Readiness: Provide a description of the proposed project, include the following details and answer the following questions:

1. **The technology chosen to provide back-up power (including reliability and the duration of the power provided, explain the metric chosen, and impact (if applicable) on the amount of fuel that is needed for first responder and utility line truck vehicles.**
2. Is the facility open or accessible 24 hours per day, 7 days per week, and/or would have the ability to remain open and staffed in the event of an emergency?
3. Does the facility have ample storage for diesel fuel and gasoline, including a set of pumps that could be dedicated to emergency vehicles in the event of an emergency?
4. Does the facility have any outstanding state tax warrants or tax delinquencies?
5. What is the facility's location? Discuss proximity to population centers, and ease of accessibility for emergency vehicles (including utility line trucks, is there a separate island for diesel?). Attach aerial photo, indicate where the tap-switch and mobile or permanent generator will be installed.
6. Explain the total project costs and leverage offered (in-kind or cash), note that match is not required, but can demonstrate the applicant's commitment to the project. Include contractor quotes if available.
7. Does the facility management have a relationship with local/county/tribal/state emergency management and/or first responders? Please describe. Be sure to note the facility's inclusion in any county/tribal/local emergency plans, if applicable

Cost Share (“Match”)

- ▶ **Budget Justification and Cost Share (“Match”)** Provide a cost basis for each line item on which costs were entered on Attachment B - Budget Sheet. Identify what costs or portions thereof are anticipated to be grant-funded or funded by the applicant’s share of the project cost (“cost share” or “match”).
- ▶ **Match** is encouraged, but optional, and **cannot** include other federal funding.
- ▶ Matching fund sources should be identified, e.g. Focus on Energy funding, state, local, or private funds, tax incentives, etc.

Project Budget (Attachment B)

Enter the Applicant Name				
Enter the Project Title				
Summary of Project Budget				
Line	Description	PSC Grant Request	Applicant Cost Share	Total Project Cost
1	Personnel			\$0
2	Fringe			\$0
3	Equipment			\$0
4	Supplies			\$0
5	Travel			\$0
6	Contractual			\$0
7	Other			\$0
8	Indirect			\$0
Totals		\$0	\$0	\$0
% of Total		#DIV/0!	#DIV/0!	
Page 1				
<p>Applicant Comments: Enter budget information into the gray fields of the Summary Project Budget. Fields are formatted to display whole numbers. This document is formatted to print on 8.5"x11" paper. Include it as directed in your PDF application. Definitions of each line item are provided on the Definitions Tab. (Use this space to add additional budget information.)</p>				

Reporting Requirements

- ▶ **State and Federal reporting requirements.** Applicants will be expected to submit quarterly, final, and on request, reports to the PSC on the activities, progress of the project, and grant costs to satisfy state and federal reporting requirements. Certain reporting requirements shall continue to be required post-disbursement.
- ▶ All projects must be finished by June 30, 2022. Final invoice received within the 90 days after the grant performance period end date.

NEPA (Application Attachment C)

NEPA BOUNDED CATEGORIES APPLICABLE TO THE ACTIVITIES OF THE OFFICE OF ENERGY INNOVATION ("STATE ENERGY OFFICE") IN 2020

DOE has determined Bounded Categories of activities that are funded by SEP-ALRD-2020, or ARRA Financing Programs and/or funds repurposed from ARRA Financing Programs, are categorically excluded from further NEPA review, absent extraordinary circumstances, cumulative impacts, or connected actions that may lead to significant impacts on the environment, or any inconsistency with "integral elements" (as contained in 10 C.F.R. Part 1021) as they relate to a particular project

Questions?

- ▶ Questions must be submitted in writing to oei@wisconsin.gov prior to November 3, 2021
- ▶ Subject Line: Refueling Readiness Question
- ▶ Answers to those questions will be posted at our website:
<https://psc.wi.gov/Pages/Programs/OEI/RFP>