

PLANNING, INFRASTRUCTURE & ECONOMIC REVITALIZATION (PIER)

PROJECT PROPOSAL

Instructions: Please complete all fields and email the completed form and attachments to pier@hcs.oregon.gov. Please enter N/A for any section which does not apply. Once received, you will be contacted regarding the next steps in the project evaluation and selection process.

Project Information		
Project Title:	<i>Mitigating Loss - Backup Power and Emergency Supplies for the City of Canby</i>	
Primary Contact Name and Title:	Eileen Stein	
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Email address:	SteinE@canbyoregon.gov	
Project Lead Organization Name:	City of Canby	
Type of Eligible Organization:	<input checked="" type="checkbox"/> Public Entity <input type="checkbox"/> Non-Profit	
Amount of PIER Funds Requested:	\$820,000	
Type of Project		
<input type="checkbox"/> Planning	<input checked="" type="checkbox"/> Infrastructure	<input type="checkbox"/> Economic Revitalization
Project Description		
1.1 Project purpose, area of benefit, description of the proposed activity, and who will be served by proposed activity.		
<p>The Mitigating Loss project will enhance Canby's disaster preparedness by providing backup power and emergency supplies to key community facilities. These facilities will continue critical services during power outages and respond effectively to increased demand during disasters. As trusted resources for Canby's residents, these organizations are uniquely positioned to serve as community resource hubs during emergencies, ensuring the safety and wellbeing of vulnerable populations, including low-income families, seniors, and individuals with disabilities. With the added resilience of backup power, they will meet the surge in demand from residents seeking shelter, food, and emergency assistance.</p> <p>This project builds on existing efforts like the Canby Rotary 'Canby Ready' initiative, which has enhanced local resilience through equipment storage and mobile communication trailers. Mitigating Loss will add backup generators at Canby Adult Center and The Canby Center, position deployable mobile trailer generators with Public Works, and establish an expanded emergency supply cache at the Fairgrounds, ensuring these community hubs can effectively support residents during wildfires and other disasters.</p>		

The proposed activities include:

- Installation of backup generators at Canby Adult Center and The Canby Center
- Provision of three mobile trailer generators for Public Works
- Creation of a comprehensive emergency non-food items cache at the Fairgrounds, including:
 - Sleeping pads, blankets, camping pillows
 - Hospital scrubs, hoodies, flip flops
 - Personal hygiene products (soap, shampoo, toothbrushes, female hygiene items, diapers)
 - Water containers (reusable cups/bottles) and first-aid supplies
- Provision of an external lithium backup battery for Clackamas County Fairgrounds, including activity delivery costs for setup and maintenance

These enhancements will ensure Canby's community resource hubs are fully prepared to maintain services during power outages and provide increased support to the community during future emergencies.

1.2 Project delivery summary (how the work will be done, those responsible for or involved in completing the project, project partners, and general timeline).

The **Mitigating Loss** project will be delivered by a coalition of trusted local organizations: **City of Canby, Canby Adult Center, The Canby Center (TCC), Canby Public Works, and Clackamas County Fairgrounds**. The City of Canby will serve as the lead partner, coordinating all activities, overseeing the installation and maintenance of backup generators, and providing logistical support for the deployment of trailer generators and backup battery systems during disasters.

- **City of Canby:** As the lead partner, the City will oversee the coordination of the project, ensuring efficient resource allocation and logistical support during emergencies. The City will also oversee grant administration and maintenance of the travelling generators.
- **Canby Adult Center:** With nearly 1000 older adults served annually, backup power ensures the Center can continue serving its senior clients during outages, providing essential nutrition and care. In a disaster, the Center's newly expanded facility will be able to feed 3,000 and provide overnight shelter for 500 survivors for two weeks, adding vital capacity to Canby's disaster response efforts.
- **The Canby Center (TCC):** The Canby Center is a cornerstone of Canby's disaster response. Serving 3,000 individuals annually, including a large portion of the low-income population, TCC provides essential services such as food, clothing, education, and emergency assistance. In a disaster, TCC can feed 18,000 and provide overnight shelter for 750 survivors for two weeks. TCC's trusted status means that demand will increase in future disasters, making backup power crucial for uninterrupted and scaled-up operations.

- **City of Canby Public Works:** Public Works provides critical power and water services to 18,100 residents. Public Works is essential to maintaining infrastructure during disasters, and backup power will ensure utilities remain operational during emergencies.
- **Clackamas County Fairgrounds:** The Fairgrounds is experienced in sheltering large numbers of disaster survivors. During the 2020 wildfires, the Fairgrounds provided shelter to 817 evacuees and 1,800 animals/livestock, with some residents staying for up to four weeks. An external lithium backup battery will further enhance their capacity to serve as a shelter for displaced people and animals during future disasters.

The project will begin with the procurement of backup generators and necessary supplies, followed by installation at TCC and Canby Adult Center. Mobile trailer generators for Public Works will be set up, and emergency supplies will be stored at the Fairgrounds. Installation will be managed by local contractors, with the City of Canby overseeing coordination and logistics. The project is expected to be completed within 12 months, with generator installation and supply delivery occurring in the first six months. Ongoing maintenance will be handled through service agreements over the next two years.

1.3 Anticipated outcomes and performance measures

The primary outcomes of the **Mitigating Loss** project are:

- **Enhanced disaster preparedness:** Backup generators will ensure that essential services continue during power outages, benefiting thousands of residents.
- **Increased access to emergency supplies:** Non-food items stored at the Fairgrounds will provide critical resources to both residents and emergency responders.
- **Improved community response:** The project will strengthen the capacity of trusted community organizations to become fully operational community resource hubs during disasters, accelerating disaster recovery by ensuring access to food, and mitigating loss of life and property.

Performance measures will include the successful installation and operation of all generators, the establishment and maintenance of the emergency supply cache, and regular testing to ensure equipment readiness.

2.1 State the unmet need(s) of the community that will be addressed by the completion of this project, and how the project will benefit historically underserved communities.

Canby's underserved populations, including low-income families, seniors, and individuals with disabilities, are particularly vulnerable during natural disasters like wildfires and ice storms. The addition of backup power and emergency supplies will help mitigate food insecurity and the risk of service disruptions that disproportionately affect these populations.

Data from the Environmental Protection Agency's Environmental Justice Screening and Mapping Tool identifies Canby as home to significant disparities in health and housing. With increased wildfire risk and climate change exacerbating extreme weather events, reliable access to essential services is more crucial than ever. By expanding the capacity of these trusted organizations, the backup power systems will ensure that vital services, especially food assistance, remain operational during power outages, reducing the risk of loss of life or property during disasters.

2.2 Describe any mitigation efforts

This project mitigates the loss of life and property by ensuring that key community organizations can maintain operations during power outages and provide critical resources like food, shelter, and medical supplies. The addition of backup power ensures that services will not be interrupted during disasters, while the emergency supply cache will provide immediate relief to residents in need.

2.3 Describe benefits to wildfire survivors

For wildfire survivors, this project will provide essential resources and support during recovery. By ensuring that shelter, food, and other essential services remain operational, the project will allow survivors to focus on long-term recovery without worrying about basic needs like shelter and nutrition. The backup power systems and emergency supplies stored at the Fairgrounds will create a secure, accessible resource hub during future wildfires and ice storms.

2.4 Describe any direct recovery

While this project does not directly replace homes lost in wildfires, it supports recovery by:

- **Reducing the risk of homelessness:** Backup power ensures that key facilities remain operational, reducing the need for temporary shelter.
- **Allowing survivors to redirect funds:** By ensuring that essential services are maintained, survivors can prioritize long-term housing needs.
- **Strengthening local support networks:** The project will improve community infrastructure, aiding faster recovery and more effective resource distribution.

2.5 Outline the expected number of people impacted or assisted

The project is expected to impact the:

- **5,000+** individuals annually through uninterrupted services provided by Canby Adult Center and The Canby Center.
- **23,000+** individuals supported during a disaster, with services provided for two weeks.
- **18,127** residents of Canby, including 7,700 served by Canby Public Works through Canby Utility.

Estimated Project or Program Budget

Provide a general budget estimate for your project and describe next steps to generate a more detailed budget. Include a list of other funding sources that are pending, funds that have already been received, and explain any funding gaps. Include a plan for funding maintenance and operations.

Total Budget: \$820,000 (Equipment, Activity Delivery, and emergency supplies)

- **Emergency Non-Food Items** (Fairgrounds Cache): \$50,000
 - Sleeping Pads, Blankets, Camping Pillows, Hospital Scrubs, Hoodies, Flip Flops
 - Personal Hygiene Products (soap, shampoo, toothbrushes, female hygiene items, diapers)
 - Water Containers (cups/bottles)
 - First-Aid Supplies
- **Equipment:**
 - Generator for The Canby Center - \$180,000
 - Generator for Canby Adult Center - \$150,000
 - (3) Trailer Generators for City of Canby Public Works - \$270,000
 - External Lithium Battery for Clackamas County Fairgrounds - \$90,000
- **Activity Delivery:**
 - Generator Installation for The Canby Center - \$35,000
 - Generator Installation for Canby Adult Center - \$25,000
 - Maintenance for (3) Trailer Generators for two years - \$15,000
 - Maintenance for External Lithium Battery at Clackamas County Fairgrounds for two years - \$5,000

Next steps include finalizing the procurement process for the generators, identifying contractors for installation, and coordinating with the Fairgrounds for emergency supplies storage. The City will continue exploring additional funding sources, including potential state or federal grants, and develop a plan for long-term maintenance of the equipment through service agreements and local partnerships.

4.1 Describe mitigation of loss of life or property in the face of future hazards

During the most recent wide-reaching disasters, pandemic starting March 2020, Wildfires in September 2020, Ice storm in February 2021, the entities submitting this application were successful in mitigating loss with effective emergency relief efforts. In each of these most recent events, power was not interrupted.

By installing backup power at key facilities and securing emergency supplies, this project is critical to mitigate the loss of life and property during future disasters. The generators ensure that critical services remain operational during power outages, while the emergency supply cache provides immediate relief during disasters.

4.2 Describe consultations for risk assessment

The **City of Canby Emergency Operations Plan** (September 2024, 262 pages) was prepared by AC Disaster Consulting, LLC, and developed in consultation with local departments and community leaders. The purpose of the plan is stated in the Executive Summary: The City of Canby's Emergency Operations Plan (EOP) is an adaptable, multi-hazard document outlining the City's intended response and recovery to emergencies caused by natural threats, technological hazards, biological risk, and human-caused threats.

The City has also worked with other stakeholders, including **Canby Fire Department, Canby School District, and Canby Rotary**, to assess risks related to wildfires and other disasters, ensuring that this project addresses the most pressing community loss mitigation needs.

4.3 Describe communities impacted

This project will benefit **all residents** of Canby, focusing on **vulnerable populations**, including seniors, low-income families, and individuals with disabilities, who are most at risk during disasters. It will also provide broader support depending on the scope of the disaster.

4.4 How is the project designed to withstand chronic stress and extreme events

This project addresses the chronic stress of food insecurity and temporary housing needs during a disaster. Backup power ensures that local relief providers can continue to operate during power outages, supporting displaced individuals for up to two weeks while they recover.

PIER Grant Request for Project: Mitigating Loss - Backup Power and Emergency Supplies for the City of Canby

Organization Name: City of Canby
Budget Period: 2 year
Amount Requested (sum based on \$ 820,000.00 Must exceed \$500,000

Category	Description	Year 1 Cost	Year 2 Cost	Total Project Budget	Additional Comments
Supplies	Emergency Non-Food Items (NFI) Cache - Clackamas County Fairgrounds	\$ 50,000.00	\$ -	\$ 50,000.00	NFIs: Blankets, Bedding, Toiletries for approximately 700 people for 14 days
Equipment	350 kW Generator - The Canby Center	\$ 180,000.00	\$ -	\$ 180,000.00	Emergency power for community services and meals to maintain food storage and operations during outages
Activity Delivery	Install + permits - The Canby Center	\$ 35,000.00	\$ -	\$ 35,000.00	Site prep, permits, install, project management
Equipment	125 kW Generator - Canby Adult Center	\$ 150,000.00	\$ -	\$ 150,000.00	Emergency power for senior services and community meals to maintain food storage and operations during outages
Activity Delivery	Install + permits - Canby Adult Center	\$ 25,000.00	\$ -	\$ 25,000.00	Site prep, permits, install, project management
Equipment	(3) Trailer Generators - City of Canby Public Works	\$ 270,000.00	\$ -	\$ 270,000.00	Mobile power to flexibly support emergency response
Activity Delivery	Maintenance - City of Canby Public Works	\$ 7,500.00	\$ 7,500.00	\$ 15,000.00	Generator maintenance for two years
Backup Battery	External lithium backup battery power - Clackamas County Fairgrounds	\$ 90,000.00	\$ -	\$ 90,000.00	Emergency power for emergency overnight shelter and staging area for displaced people and animals, stored onsite in external container
Activity Delivery	External lithium battery maintenance - Clackamas County Fairgrounds	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	Battery maintenance for two years
TOTAL EXPENSES		\$ 810,000.00	\$ 10,000.00	\$ 820,000.00	