

Bipartisan Infrastructure Law - SECTION 40101(d)

PREVENTING OUTAGES AND ENHANCING THE RESILIENCE OF THE ELECTRIC GRID

State of Idaho

3/16/2023

Program Narrative

1. Objectives and Metrics:

Objectives

1. The Idaho Office of Energy and Mineral Resources (OEMR) assists Idahoans to make informed decisions to maintain a resilient and affordable electric grid. OEMR will strategically deploy resilience investments under the Preventing Outages and Enhancing the Resilience of the Electric Grid program in a manner that demonstrates measurable improvements to grid resiliency, delivers modernized grid infrastructure, and accommodates increased electrification, addresses all-hazards, including future climate implications.

Metrics (provisional):

- Frequency (occurrences per year) of electricity service disruptions of one hour or more to critical facilities
 - Number of hours/days critical facilities are closed due to lack of electricity
 - Track and report performance indicators based on particular needs for improvements in reliability and resilience including specific data collection
 - Track and report progress towards key Program objectives – ensuring justice and equity, creating jobs, boosting domestic manufacturing, improving resilience, and advancing a pathway to private sector
2. Projects that enable greater consumer engagement, empowerment, and options for utilizing and providing energy services and enable consumer access to lower-cost energy. Idaho will prioritize project proposals that generate the greatest community benefit throughout the State and maximize the prevention and duration of disruptive events.

Metrics (provisional):

- Frequency (occurrences per year) of electricity service disruptions of one hour or more to critical facilities
- Number of hours/days critical facilities are closed due to lack of electricity
- Track and report performance indicators based on particular needs for improvements in reliability and resilience including specific data collection

- Track and report progress towards key Program objectives – ensuring justice and equity, creating jobs, boosting domestic manufacturing, improving resilience, and advancing a pathway to private sector

3. OEMR will enforce strong labor standards and protections (including for direct employees, contractors, and sub-contractors), such as through the use of project labor agreements or local hire agreements, use appropriately credentialed workforce (i.e., meeting all requirements for appropriate and relevant professional training, certification, and licensure), and meet all federal requirements under the guidance of the U.S. Department of Energy and other applicable federal entities.

4. In addition, the efforts undertaken under the Program will have alignment with the Idaho Energy Security Plan, expand access to energy efficiency and clean energy for families, communities, and businesses, and deliver reliable and affordable power to Idahoans.

Metrics (provisional):

- Frequency (occurrences per year) of electricity service disruptions of one hour or more to critical facilities
- Number of hours/days critical facilities are closed due to lack of electricity

Additional Metrics

Accompanying these objectives, under the multi-year Program OEMR will use the following metrics to measure outcomes associated with improving resilience, creating good-paying jobs, and advancing energy justice:

- Track and report progress towards key Program objectives – ensuring justice and equity, creating jobs, boosting domestic manufacturing, improving resilience, and advancing a pathway to private sector – including specific data collection such as:
 - project locations,
 - transmission capacity upgraded, expanded, or built,
 - electricity storage capacity installed,
 - funding leveraged,
 - partners and stakeholders engaged,
 - technical assistance provided, and
 - job creation and preservation.
- Track and report performance indicators based on particular needs for improvements in reliability and resilience including specific data collection such as:

- Customer Average Interruption Duration Index (CAIDI) – Average time required to restore service to a utility or customer (critical versus non-critical customers; with versus without islandable resources)
- Customer Average Interruption Frequency Index (CAIFI) – Trends in customer interruptions and number of customers affected out of entire customer base (critical versus non-critical customers; with versus without islandable resources)
- Average Service Availability Index (ASAI) – Percent of time electric service is unavailable to customers in a given year
- System Average Interruption Duration Index (SAIDI) or Customer Minutes of Interruption or Outage (CMI or CMO) – Minutes of sustained outages per customer per year (low, medium, and high consequence geographies)
- System Average Interruption Frequency Index (SAIFI) – Number of sustained outages per customer per year (low, medium, and high consequence geographies)
- Customers Experiencing Multiple Interruptions (CEMI) - 3 – The percentage of customers that have experienced more than 3 interruptions per year.
- Customers Experiencing Long Duration Interruptions (CELDI) - 8 – The percentage of customer who have experienced eight or more hours of outage duration.
- Wildfire Risk Reduction

The listed metrics are provisional pending further discussion and consideration by the State with its stakeholders.

2. Criteria:

The following criteria will be used for selecting and determining the sub-awards to eligible entities for the multi-year Program:

- a. Priority will be given to projects that will generate the greatest community benefit to the greatest number of Idaho residents (whether rural or urban) in reducing the likelihood and consequences of disruptive events;
- b. Priority will be given to projects that best serve low-income and energy-burdened Idaho residents and provide wide geographic representation;
- c. Priority will be given to projects that demonstrate a strong need and clear and cost-effective solution for alleviating risks or improving resilience;
- d. Priority will be given to projects that fully meet all Program objectives;
- e. The percentage made available to eligible entities that sell not more than 4,000,000 megawatt hours of electricity per year will not be less than the percentage of all customers in the State that are served by those eligible entities;
- f. Priority will be given to projects that create a large number of well-paying jobs and lead to additional economic development opportunities; and
- g. Eligible entities that receive a subaward under this Program will be required to match 100 percent of the amount of the subaward as required by Section 40101(h)(1). However, if the eligible entity sells not more than 4,000,000 megawatt hours of electricity per year, the

required match will be one-third of the amount of the subaward as required by Section 40101(h)(2).

3. Methods:

Projects under this Program will be solicited through an open competitive grant application process following the State of Idaho procurement guidelines, as well as any applicable federal guidelines, and undergo review by an impartial State of Idaho Review Committee, as well as DOE, prior to the distribution of any funds. Funds will be distributed via subawards to eligible entities for selected projects.

OEMR will partner with investor-owned utilities, rural cooperatives and municipal utilities, universities, engineering companies, and government agencies among other stakeholders to improve grid infrastructure. OEMR will particularly work with utilities that sell less than 4,000,000 megawatt hours of electricity per year to improve energy service and costs to rural consumers. OEMR will choose to use its 5% technical service and administrative cost allowance to fund positions in the office that can work with stakeholders to improve grid resilience and perform the reporting requirements. OEMR will use state funds to provide the 15% cost match on the federal allocation to assist rural utilities that sell than 4,000,000 megawatt hours per year to complete larger projects than they would otherwise be able to afford.

OEMR anticipates using a variety of methods, including direct reporting, online reporting, and other methods, to track and make public the metrics achieved by awardee uses of program funds to improve resilience by reducing the likelihood and consequences of disruptive events, to generate quality jobs, and to improve equity and community benefits.

4. Funding Distribution:

The Program funding will largely go to Idaho investor-owned utilities (IOUs), municipal utilities, and cooperatives, which includes grid operators, electricity storage operators, transmission owners and operators, and distribution providers.

OEMR will provide the required 15% match using state funds to assist utilities that sell than 4,000,000 megawatt hours per year to complete projects that will best serve low-income and energy-burdened Idaho residents. The technical assistance and administrative costs will to used for personnel costs at OEMR for staff to conduct outreach, perform program management, accounting, grant reporting, and grant administration.

OEMR has conducted a series of surveys of Idaho utilities to determine their resilience investment priorities which will be balanced with State resiliency priorities. OEMR will aim to distribute more than 40% of grants to rural and disadvantaged areas and to eligible entity that sell not more than 4,000,000 megawatt hours of electricity per year than the percentage of Idaho customers they serve.

5. Equity Approach:

OEMR will distribute grants to entities that provide good-paying, safe jobs that are accessible to all workers. The State of Idaho is heavily investing in workforce development programs to attract, train, and retain a skilled workforce for the energy industry.

Community benefits will be a key factor for OEMR when evaluating grant applications from eligible entities. OEMR will request estimated resilience data and metrics in grant applications to determine which projects will provide the greatest community benefit in reducing the likelihood and consequences of disruptive events and go beyond projects that are already being undertaken through current planning.

OEMR aims to distribute more than 40% of funds to projects that benefits rural and historically disadvantaged communities. OEMR is working with a variety of stakeholders such as the associations for Idaho cities and counties, economic development districts, and association for municipal utilities and cooperatives to identify historically disadvantaged communities and encourage them to participate in the program and submit applications for grant funding.

6. Technical Assistance and Administration:

OEMR will use the 5% of Federal grants funds for personnel costs at OEMR for staff to conduct outreach, perform program management, accounting, grant reporting, costs for third-party grant writers, and grant administration. Examples of specific administrative requirements related to this grant opportunity will include:

- Preparing and publicizing the solicitation for the subaward;
- Drafting contracts and other grant documents;
- Drafting grants for submission to DOE;
- Weekly collection/submission of payroll documents;
- Quarterly reporting documents (including collecting data from the sub awardee); and
- Annual application for continued grant funding.

7. Public Notice and Hearing:

- a. OEMR is also using the Idaho Strategic Energy Alliance (ISEA) to plan and coordinate 40101(d) program funding priorities, among other BIL provisions. The first ISEA Energy Infrastructure Task Force Board of Directors meeting on February 10, 2022 was a publicly announced meeting in which OEMR gave an overview of BIL programs and State priorities and planning objectives. Through a series of meetings and surveys ISEA worked with OEMR to establish formal objectives and metrics (Attachment A).

The meeting was posted on OEMR's website and on OEMR's social media channels. The public ISEA Board Meeting included representatives from the following:

- Idaho's three investor-owned utilities;
- Idaho's municipal and cooperative utilities;
- Non-governmental organizations;
- Governor's Office representatives;
- State agency representatives, including from wildlife and environmental agencies;
- Idaho Public Utilities Commission;

- Agriculture representative;
- Technology companies
- Northwest Power and Conservation Council;
- Natural gas company;
- Building efficiency representative;
- Idaho National Laboratory.

OEMR, alongside the Idaho National Laboratory, hosted an Idaho Energy Infrastructure Summit on July 12, 2022 that was publicly announced and included stakeholders from around the state and members of the public. The Summit included an overview of the 40101(d) program and discussed Idaho's plan on administering and coordinating the Program. The Idaho Energy Infrastructure Summit. The Summit was held at the Idaho State Capitol and included a virtual Zoom option.

The Summit was attended by over 100 members of the public and government. Attendees included:

- Environmental and public interest non-governmental organizations
- Investor-owned utilities
- Municipal and cooperative utilities;
- Agricultural representatives;
- Energy efficiency representatives;
- Electric vehicle advocates;
- Tribal representatives;
- County Commissioners;
- Urban and rural municipal representatives;
- Governor's Office representatives;
- State agency representatives, including from wildlife and environmental agencies;
- Idaho National Laboratory

OEMR plans to host one additional public meeting in February 2023 to update the public on its plans and current application, and inform them about year-2 funding totals 40101(d) application is submitted to explain all priorities, evaluation criteria, and metrics for the Program to the public.

Sincerely,



Richard W. Stover
Administrator
Idaho Office of Energy and Mineral Resources

Date: 3/16/2023

ATTACHMENT A



State of Idaho Strategic Energy Alliance Board of Directors Meeting

Date: Thursday, February 10, 2022

Time: 10:00 AM to 11:00 AM

Location: Virtual Meeting on Microsoft Teams

Participate Online:

Web Conference URL: [Click here to join the meeting](#)

Audio: Participants can use their telephone or computer mic & speakers (VoIP).

United States: +1 (208) 985-2810

Access Code: 642 336 545#

Meeting Agenda

- 10:00 – 10:05** Welcome/Approval of Previous Meeting Minutes – *Eric Anderson, PUC*
- 10:05 – 10:15** Introduction of new ISEA Board of Directors Members – *Marissa Warren, OEMR*
- 10:15 – 10:25** Recent Publications Discussion
 - 2022 Idaho Energy Landscape
 - 2022 Idaho Energy Security Plan
- 10:25 – 10:30** Task Force Update
- 10:30 – 10:40** IJJA Funding, Task Force Review
- 10:40 – 10:50** Round Table Discussion on Topics of Interest
- 10:50 – 10:55** Public Comment Period
- 10:55 – 11:00** Wrap up and Adjournment – *Eric Anderson, PUC*

Idaho Public Meetings



Title: Idaho Energy Infrastructure Summit
Entity: Idaho Governor's Office of Energy and Mineral Resources
Date/Time: Jul 12 2022 8:30AM
Category: General Meeting
Status: Updated

 [Add to Calendar](#)

[Additional Meeting Information](#)

Description:

The Governor's Office of Energy and Mineral Resources and the Idaho National Lab will host the Idaho Energy Infrastructure Summit to discuss opportunities included in the Bipartisan Infrastructure Law.

Contact Information

Marissa Warren
(208) 332-1676
marissa.warren@oer.idaho.gov
<https://oemr.idaho.gov/>

Physical Location

Lincoln Auditorium,
Idaho State Capitol
700 West Jefferson
Street
Boise, ID 83720



Virtual Location

<https://www.idahoptv.org/>

Documents

08/04/2022	Minutes	Approved
07/08/2022	Agenda	
06/29/2022	Agenda	
06/28/2022	Agenda	
06/22/2022	Agenda	
05/31/2022	Notice	

History

8/4/2022	Minutes	
7/8/2022	Agenda	
6/29/2022	Agenda	
6/28/2022	Agenda	
6/28/2022	Virtual Location	View
6/22/2022	Agenda	
5/31/2022	Published	