

OREGON
DEPARTMENT OF
ENERGY

Formula Grants to State and Tribes for Preventing Outages and Enhancing the Resilience of the Electric Grid

Joint Ways & Means
Subcommittee on Natural Resources
February 21, 2023

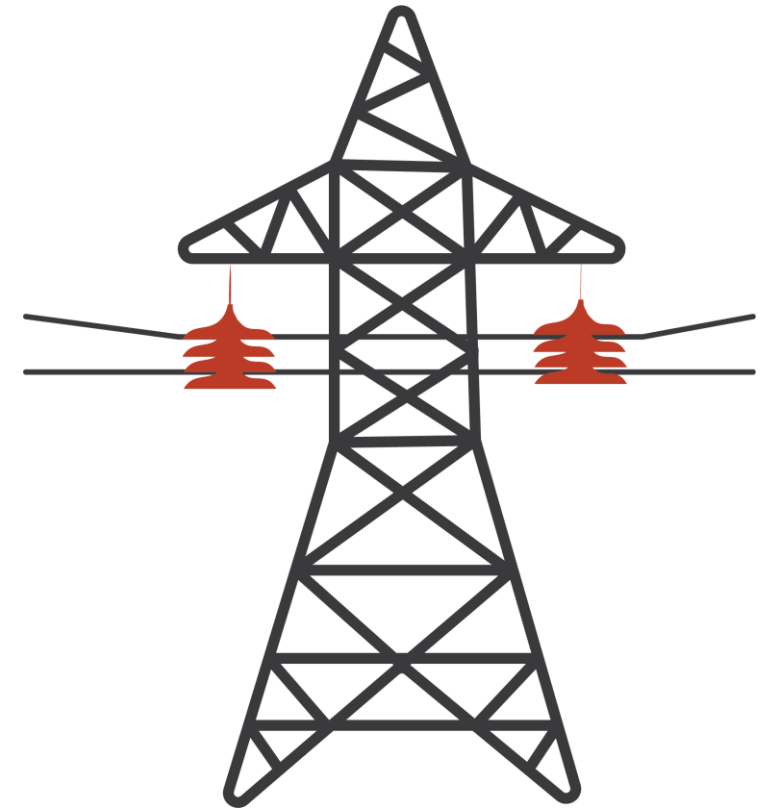
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GRID RESILIENCE FORMULA GRANTS – 40101D

Preventing Outages and Enhancing the Resilience of the Electric Grid Formula Grants to States and Tribes (Section 40101(d) of the IIJA):

- Improve the **all-hazards resilience** of the electric grid against disruptive events.
- Generate the **greatest community benefit** in reducing the likelihood and consequences of disruptive events.
- Advance DOE's **equity, environmental and energy justice priorities**, including the Justice40 Initiative.
- Invest in **America's workforce**.



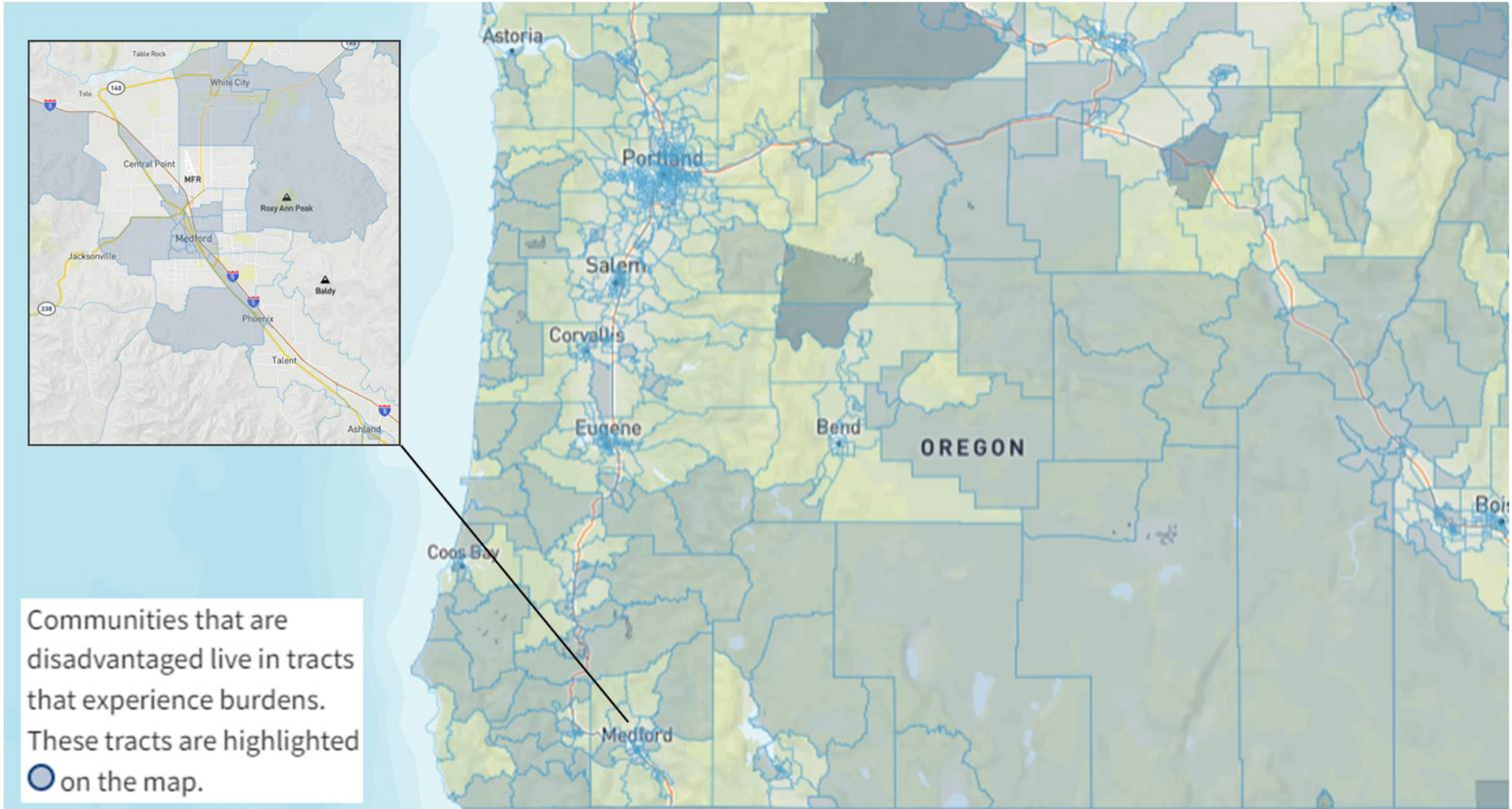
ELIGIBLE ACTIVITIES UNDER THE GRID RESILIENCE FORMULA GRANT PROGRAM

- Weatherization technologies and equipment
- Fire-resistant technologies and fire prevention systems
- Monitoring and control technologies
- The undergrounding of electrical equipment
- Utility pole management
- The relocation of power lines or the reconductoring of power lines with low-sag, advanced conductors
- Vegetation and fuel-load management
- The use or construction of distributed energy resources for enhancing system adaptive capacity during disruptive events, including:
 - Microgrids; and
 - Battery-storage subcomponents
- Adaptive protection technologies
- Advanced modeling technologies
- Hardening of power lines, facilities, substations, of other systems; and
- The replacement of old overhead conductors and underground cables.

Resilience measures **that are not allowed** include:

- Construction of a new: a) electric generating facility; or b) large-scale battery-storage facility that is not used for enhancing system adaptive capacity during disruptive events; or Cybersecurity

Climate and Economic Justice Screening Tool



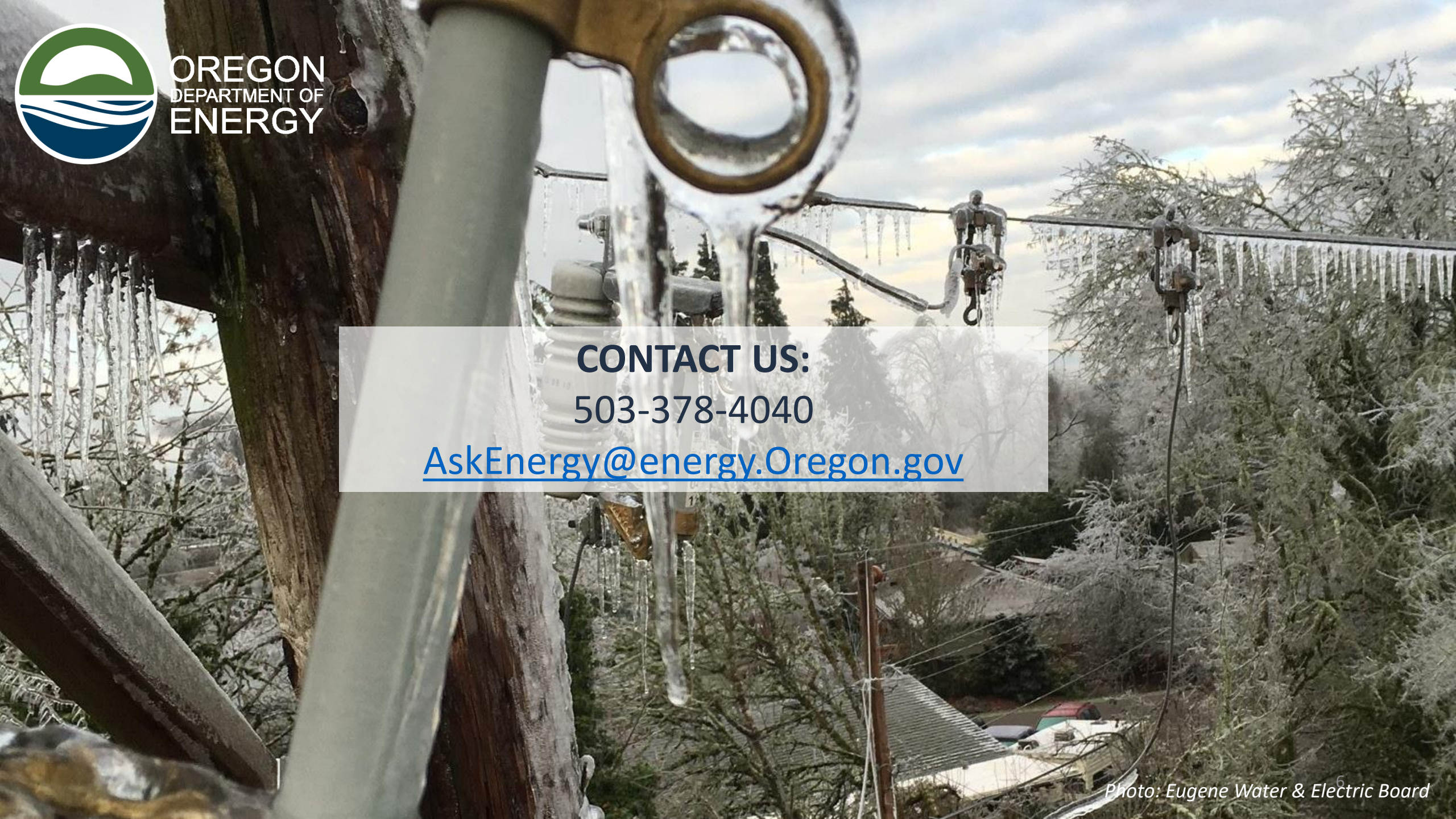
Benefits to Oregonians

Enhanced Grid Resilience and Reliability

- Fewer outages
- Fewer disruptions to businesses and families
- Lower risk of fire from downed lines
- Potential reduced burden on ratepayers
- A portion of the projects will be targeted to benefit disadvantaged communities
- Workforce development

Over the life of the program:

- + ~ \$50 Million Federal investment
 - + ~ \$7.5 Million State of Oregon match
 - + ~ \$15.8 - \$39 Million subrecipient match (based on the electricity sales of the subrecipient)
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- = Between **\$73 Million** and **\$96 Million** in total program investments



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