

Alaska Nuclear Energy Working Group Charter

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Purpose of Working Group

The Alaska Nuclear Energy Working Group is an informal group of stakeholders interested in following developments related to small nuclear energy technologies and possible applications for the Alaska market. The group is coordinated by the Alaska Center for Energy and Power (ACEP).

The working group will include interested participants representing diverse sectors including Alaska businesses, utilities, and industries; nuclear industry representatives such as associations, officials from Department of Energy and Department of Defense; Alaska energy and advocacy organizations; and academic institutions.

The working group will regularly convene to increase understanding of the opportunities and risks associated with a potential deployment of nuclear energy systems in Alaska under a variety of potential scenarios.

This group may be called upon to volunteer for subcommittees and provide input to future work products or studies, which could focus on topics related to potential deployment of nuclear energy in Alaska. These topics could include, but are not limited to:

- Safety,
- Environmental concerns,
- Availability of appropriate technology, and
- System economics.

Goals:

1. Educating Alaskans about the small reactor industry, including technical, permitting/licensing, environmental, and economic factors.
2. Educating industry and agency stakeholders outside of Alaska about Alaska through the lens of potential future deployments in the state.
3. Identify opportunities to demonstrate small nuclear technologies in Alaska in ways that minimize the risk and maximize the potential benefits to Alaskans.

Working Group Membership:

The working group membership will be comprised of representatives from:

- Alaska stakeholders with an interest in nuclear energy technologies.
- External stakeholders interested in the Alaska market, including industry, the research community, and government agencies.

The working group will be a platform for respectful discourse among a diverse group of participants. Respectful discourse is the expectation for all participants and any disrespectful dialogue will not be tolerated.

The group's activities will be facilitated by ACEP staff and other volunteers. There will be no formal board.

Activities:

- Regularly host speaker events based on the interests of the group (proposed monthly).
- Provide stakeholder input to the Department of Energy's Arctic strategy which includes nuclear energy within its Energy Transitions roadmap.
- Organize visits to facilities.
- Provide Alaska-relevant use case criteria for consideration in development of plans/instrumentation/analysis incorporated in testing of advanced reactors at government facilities."
- Provide input to consideration of nuclear energy as part of the Alaska Electric Reliability Organization goals/Integrated Resource Plan development.
- Provide input and feedback on other activities related to nuclear energy development in Alaska as needed.

For further information contact:

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For information about the working group:

<https://acep.uaf.edu/nuclear>