

ALASKA ENERGY AUTHORITY

STATE ENERGY SECURITY PROFILE

Curtis W. Thayer, Executive Director
Audrey Alstrom, PE, Director of
Renewable Energy and Energy
Efficiency Programs

Advisory Meeting
August 3, 2023





Agenda

- Welcome and Introductions
- Alaska Energy Security Task Force versus State Energy Security Profile
- Profile Summary and High-level Themes
- Draft Profile — Questions and Comments
- Next Steps





Alaska Energy Security Task Force



Alaska Energy Security Task Force Planning Process for the Energy Master Plan

Roles:

Responsibilities:

Governor's Office:
Created A.O. 345

Approves Final Energy Master Plan

Alaska Energy Security Task Force (AESTF):
Primary decision-making body to produce Energy Master Plan

Sets goal(s) and priorities of the Energy Master Plan and reviews and approves strategies/actions developed by the subcommittees.

Subcommittees:
Organized by energy focus area or energy priority

Develops energy actions, and implementation timetables to meet the goal(s) of the AESTF.

PUBLIC & STAKEHOLDER
INVOLVEMENT

ENERGY SYMPOSIUM SERIES

ACADEMIA & CONSULTANT
SUPPORT

Alaska Energy Security Task Force Organization

Member	Email Address
Lieutenant Governor Nancy Dahlstrom, Chair	lt.governor@alaska.gov
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COMPREHENSIVE STATEWIDE ENERGY MASTER PLAN

MAIN SECTIONS

*FOR ILLUSTRATIVE
PURPOSES ONLY –
DRAFT DELIBERATIVE*



I. Introduction



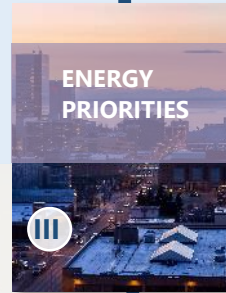
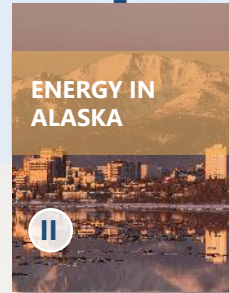
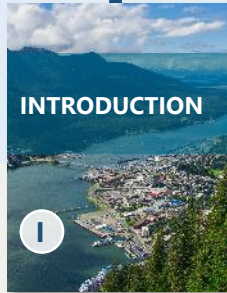
II. Energy In
Alaska



III. Energy
Priorities



IV. Next Steps



*FOR ILLUSTRATIVE PURPOSES
ONLY – DRAFT DELIBERATIVE*

ALASKA ENERGY PRIORITIES



SUPPORT AND
SHARE EQUITABLE
ACCESS TO
ENERGY DATA

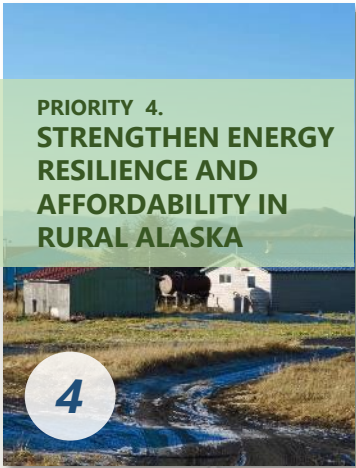
PROMOTE
COORDINATED
GOVERNANCE OF
ENERGY POLICY AND
REGULATIONS

CONTINUE TO
ADVANCE LOW-COST
ENERGY SOLUTIONS
IN THE RAILBELT

STRENGTHEN
ENERGY RESILIENCE
AND AFFORDABILITY
IN RURAL ALASKA

ENHANCE
COASTAL ENERGY
SOLUTIONS

EXPAND ENERGY
RESILIENCE
FUNDING AND
FINANCING



**PRIORITY 4.
STRENGTHEN ENERGY
RESILIENCE AND
AFFORDABILITY IN
RURAL ALASKA**

**Sample Layout
& Organization
of Energy
Master Plan**

PRIORITY

STRATEGY

ACTIONS

- PRIORITY:** Focus Area of Subcommittee
- STRATEGY:** Solution(s) to meet Alaska’s energy needs now and in the future related to the priority/subcommittee focus area.
- ACTIONS:** Identifies specific changes in policies, programs, regulations, or funding to advance strategy.
- TIMELINE FOR IMPLEMENTATION:** TBD, but may include 0– 2 years, 2 - 5 years, 5 - 10 years; 10 years plus

PRIORITY 4. STRENGTHEN ENERGY RESILIENCE AND AFFORDABILITY IN RURAL ALASKA

**STRATEGY 1.1:
INCREASE TECHNICAL ASSISTANCE PROGRAMS TO
ADDRESS ENERGY RESILIENCE IN RURAL ALASKA**

ACTIONS

- 1.1.1** Lorem ipsum dolor sit amet, consectetur
- 1.1.2** Lorem ipsum dolor sit amet, consectetur
- 1.1.3** Lorem ipsum dolor sit amet, consectetur



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Alaska Energy Security Task Force

Email and Website



Email

AEA-hosted info email account created to capture correspondence related to the Task Force.

info@akenergysecuritytaskforce.com



Website

AEA-hosted external webpage houses the Task Force's schedule, public notices, recordings, minutes, documents, and resources as they are created.

<http://akenergysecuritytaskforce.com>

SEP: State Energy Security Profile Overview



WHO?

AEA has engaged global consulting and technology services company ICF to help put together the plan.



WHAT?

Under the Infrastructure Investment and Jobs Act, the State Energy Program requires an updated State Energy Security Plan, or SESP — an essential part of energy security planning.



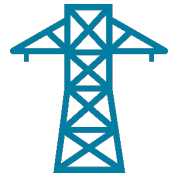
WHERE?

A SESP will be a statewide profile — and should provide an assessment of current infrastructure and a plan for response in case of a supply disruption.



WHEN?

All states must file a plan with the Department of Energy, Office of Cybersecurity, Energy Security, and Emergency Response by September 30, 2023. Governor approves final plan.



WHY?

A SESP is designed to ensure a reliable and resilient supply of energy through identifying, mitigating, and planning for risks to the energy sector.



What is the purpose of a SESP?

Energy Security Planning ensures a **reliable** and **resilient** supply of energy through efforts to **identify, assess, and mitigate risks** to energy infrastructure and to **plan for, respond to and recover** from events that disrupt energy supply.

Note: This is **not** a State Energy Plan.

A State Energy Security Profile shall:



(1) address all energy sources and regulated and unregulated energy providers;

(2) provide a State energy profile, including an assessment of energy production, transmission, distribution, and end-use;

(3) address potential hazards to each energy sector or system, including–

- physical threats and vulnerabilities; and
- cybersecurity threats and vulnerabilities;

(4) provide a risk assessment of energy infrastructure and cross-sector interdependencies;

(5) provide a risk mitigation approach to enhance reliability and end-use resilience; and

(6) address

- multi-State and regional coordination, planning, and response; and
- coordination with Indian Tribes with respect to planning and response; and
- to the extent practicable, encourage mutual assistance in cyber and physical response plans.

SEP: State Energy Security Profile

Email and Website



Email

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Website

AEA State Energy Security Profile

<https://www.akenergyauthority.org/What-We-Do/Energy-Planning-Project-Development/State-Energy-Security-Profile>



AEA provides
energy solutions
to meet the
unique needs of
Alaska's rural
and urban
communities.

Alaska Energy Authority

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