



Alaska Energy Security Task Force Meeting

July 18, 2023



Alaska Energy Security Task Force

July 18, 2023 Agenda

AESTF Meeting

Welcome to the Alaska Energy Security Task Force (AESTF) Meeting. We're looking forward to collaborating on policies, strategies, and tactics to assist in the State of Alaska's goal of reducing energy costs.

1. Welcome and Introductions
2. Roll Call
3. Prior Meeting Minutes
4. Subcommittees Check in
5. Brainstorming Session – “Art of the Possible”
6. Next Meeting Date: Tuesday, August 8, 2023, 9:00 am
7. Adjourn

Organization

Member	Email Address
Lieutenant Governor Nancy Dahlstrom, Chair	lt.governor@alaska.gov
Curtis W. Thayer, Alaska Energy Authority, Vice Chair	cthayer@akenergyauthority.org
Clay Koplín, Cordova Electric Cooperative, Vice Chair	ckoplin@cordovaelectric.com
Commissioner John Boyle, Department of Natural Resources	john.boyle@alaska.gov
Commissioner Jason Brune, Department of Environmental Conservation	jason.brune@alaska.gov
Nils Andreassen, Alaska Municipal League	nils@akml.org
Andrew Guy, Calista Corporation	aguy@calistacorp.com
Karl Hanneman, International Tower Hill Mines	khanneman@ithmines.com
Tony Izzo, Matanuska Electric Association	tony.izzo@mea.coop
Jenn Miller, Renewable Independent Power Producers	jenn.miller@renewableipp.com
Duff Mitchell, Juneau Hydropower	duff.mitchell@juneauhydro.com
John Sims, ENSTAR Natural Gas Company	john.sims@enstarnaturalgas.com
Isaac Vanderburg, Launch Alaska	isaac@launchalaska.com
Robert Venables, Southeast Conference	robert@seconference.org
Dan White, University of Alaska Fairbanks	uaf.chancellor@alaska.edu
Senator Click Bishop (Ex Officio)	senator.click.bishop@akleg.gov
Garrett Boyle, Denali Commission (Ex Officio)	gboyle@denali.gov
Commissioner Keith Kurber, Regulatory Commission of Alaska (Ex Officio)	keith.kurber@alaska.gov
Representative George Rauscher (Ex Officio)	representative.george.rauscher@akleg.gov
Erin Whitney, United States Department of Energy, Arctic Energy Office (Ex Officio)	erin.whitney@hq.doe.gov
*Andrew Jensen, Policy Advisor, Office of Governor Mike Dunleavy	andrew.jensen@alaska.gov

Subcommittee Check In

Recent Subcommittee Coordination:

State Energy Data: (Chair: Dan White)

- Kick-off Meeting Scheduled: **TBD**

Statutes and Regulations Reform: (Co-Chairs: Robert Venables & Karl Hanneman)

- Kick-off Meeting Scheduled: **Monday, July 24, 10:30 am**

Railbelt Transmission, Generation, and Storage: (Co-Chairs: Tony Izzo & Jenn Miller)

- Kick-off Meeting Scheduled: **Tuesday, July 25, 3 pm**

Rural Generation, Distribution, and Storage: (Co-Chairs: Clay Koplín & Andrew Guy)

- Kick-off Meeting Scheduled: **Tuesday, July 25, 1 pm**

Coastal Generation, Distribution, and Storage: (Co-Chairs: Duff Mitchell, & Robert Venables)

- Kick-off Meeting Scheduled: **Friday, July 28, 11 am**

Incentives and Subsidies: (Co-Chairs: Nils Andreassen & Isaac Vanderburg)

- Kick-off Meeting Scheduled: **Tuesday, July 25, 2 pm**

Alaska Energy Security Task Force Proposed Work Schedule



Key Milestones	Completed By
Regional Sub Status Reports	Tuesday, July 18, 2023
Regional Sub Initial Reports	Tuesday, August 8, 2023
Regional Sub Final Reports and I/S/S/R* Data Sub Initial Reports	Tuesday, August 29, 2023
I/S S/R* Data Sub Final Reports; Release S/R** report for 28-Day Public Comment	Tuesday, September 10, 2023
Receive Initial Report, Release for 28-day Public Comment; Take Public Comment on S/R** Report	Tuesday, October 3, 2023
Discuss S/R** Final Report; Vote on Recommendations; Take Public Comment on Initial Report	Tuesday, October 17, 2023
Discuss Final Report; Vote on Recommendations; Receive Final S/R** Report; send to GOA	Tuesday, October 31, 2023
Task Force Receives Final Report	Friday, November 10, 2023
Vote to Approve Final Report	Friday, November 17, 2023

*Incentives and Subsidies and Statutes and Regulations Reform

**Statutes and Regulations Reform

Upcoming Energy Symposiums

Occurred:

- July 13 Cook Inlet Natural Gas Supply & Development

Upcoming:

- July 20 Alaska Rural Energy: Challenges and Opportunities for Reducing the Cost of Energy
- July 27 Electrification*
- August 3 Hydropower Development in Alaska*
- August 10 Financing Projects & Funding Opportunities*
- August 17 Transmission & Storage*
- August 24 Current Research Efforts & Updates*

*Subject to change

Logistics:

Weekly on Thursdays
from 11a.m.-1 p.m.

Format:

- Zoom webinars:
recordings will be made
available.





Brainstorming Session *The Art of the Possible*

Facilitated by Michael Baker International

Alaska Energy Security Task Force

Administrative Order No. 345

***PLEASE REFER TO THE HANDOUT PROVIDED
ON A.O. No. 345.***



Office of Governor
MIKE DUNLEAVY

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Administrative Order No. 345

I, Mike Dunleavy, Governor of the State of Alaska, under the authority of Article III, Sections 1 and 24 of the Alaska Constitution, and in accordance with AS 44.19.145(c), hereby revoke Administrative Order 344, establishing the Alaska Energy Security Task Force ("Task Force"), and issue this Administrative Order 345, reinstating the Task Force with a revised membership and reporting structure.

BACKGROUND

On September 30th, 2022, Governor Dunleavy established the Office of Energy Innovation to provide a central point of focus for Alaska's efforts to reduce the cost of energy for residents. Alaskans suffer from exorbitantly high energy costs, restricted energy supply, and limited opportunities to drive down energy costs to consumers. Consequently, energy security and affordability are critical to Alaska's prosperity going forward. The Task Force will provide recommendations on overall energy policy for the State of Alaska, as well as strategies and tactics to achieve its goal of reducing the cost of energy to Alaska residents.

PURPOSE

The purpose of the Task Force is to develop a comprehensive statewide energy plan that will evaluate energy generation, distribution, and transmission for the State of Alaska and its communities. The development of this plan will include collaboration with public and private stakeholders. The statewide energy plan, including proposed timelines and milestones, will be presented to the governor upon completion.

A.O. 345 – Background

“Alaskans suffer from **exorbitantly high energy costs**, restricted energy supply, and limited opportunities to drive down energy costs to consumers.

Consequently, **energy security and affordability are critical to Alaska’s prosperity** going forward.

The **AESTF will provide** recommendations on overall energy policy for the State of Alaska, as well as **strategies and tactics to achieve its goal of reducing the cost of energy** to Alaska residents.”

A.O. 345 – Purpose

“The ***purpose*** of the AESTF ***is to develop a comprehensive statewide energy plan*** that will evaluate energy generation, distribution, transmission, and storage for the State of Alaska and its communities.

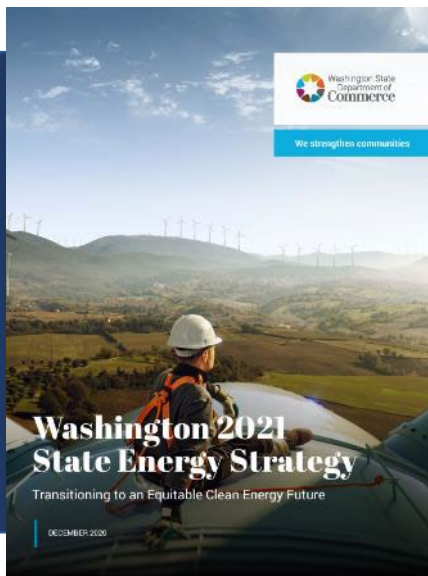
The development of this plan will include ***collaboration with public and private stakeholders.***

The statewide energy plan, including ***proposed timelines and milestones,*** will be presented to the governor upon completion.”

A.O. 345 – Duties & Responsibilities of AESTF

AESTF's comprehensive energy plan shall include the following:

“Recommend a statewide energy goal, a plan to achieve it, and identify additional work that may be required to refine this vision.”



Washington State Energy Strategy Goal:

“Maintain competitive energy prices that are fair and reasonable for consumers and businesses and support our state's continued economic success.”

Source: Washington 2021 State Energy Strategy

Selection of Goals from other State Energy Master Plans

Utah:

“Committed to **supporting rural communities** through economic development and diversification efforts, infrastructure investment, and workforce training and development.”

“Utah is committed to American **energy independence**, pursuing policies and actions that will enable more domestic energy development and enhance **global energy security**.”

“Utah is committed to **pragmatic, market-driven climate solutions that enable innovative energy production**. This includes a focus on supporting Utah-based research and development, ensuring we stay good stewards of our environment for future generations of Utahns.”

Selection of Goals from other State Energy Master Plans

Wyoming:

Our mission is to advance Wyoming's energy strategy by ***driving data, technology and infrastructure investments.***

Washington:

Increasing competitiveness by ***fostering a clean energy economy*** and jobs through ***business and workforce development.***



Trending Topics

- Energy and the Economy
- Innovation and Technology
- Clean Energy and Greenhouse Gas Limits
- Energy Efficiency
- Energy Decarbonization

Discussion Topic



What Statewide Energy Goal(s) should be included in the Energy Master Plan?

Discussion Topic



Should Key Performance Indicators (KPIs) to measure success of the Plan over time be included?



KPIs can be identified in the implementation (Next Steps) section of the plan.

Discussion Topic



For actions identified in the plan, what timelines and milestones make sense?

Example: 0– 2 years, 2 - 5 years, 5 - 10 years; 10 years plus

A.O. No. 345 Requirements

Comprehensive Energy Plan shall include the following:

Identify Future Changes:

- **Identify solutions** for meeting Alaska's energy needs now and in the future **with a focus on affordability, reliability, and security.**
- **Identify policies, programs, regulatory changes, and funding** that could accelerate adoption of these energy strategies.
- **Identify and evaluate potential future changes** that could occur **to energy supply and distribution in the state**, the impacts of such changes, and the opportunity for mitigating impacts and leveraging opportunities associated with such change.

Discussion Topic



What sources of energy do you feel will provide long term energy security for Alaska/Alaskans?

A.O. No. 345 Requirements

Comprehensive Energy Plan shall include the following:

Energy Data

- Establish a **baseline energy portfolio** for the State of Alaska.
- Develop and maintain a **public database of taskforce information** and recommend strategies for sharing energy data and information through an **energy data portal**.

Discussion Topic



What are the current barriers to obtaining energy data?

Subcommittee Formation

Subcommittees focused on developing actions *by geography*:

- Railbelt Transmission, Generation, and Storage
- Rural Generation, Distribution, and Storage
- Coastal Generation, Distribution, and Storage

Subcommittees focused on developing actions *to support implementation*:

- State Energy Data Subcommittee
- Statutes and Regulations Reform Subcommittee
- Incentives and Subsidies Subcommittee



Subcommittee Coordination

Michael Baker International, Inc. will be assisting facilitate the coordination of common actions that may appear across multiple subcommittees.

Discussion Topic



Is their consensus on how the geographic areas of Railbelt, Rural, and Coastal are defined? Does this need to be mapped?

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

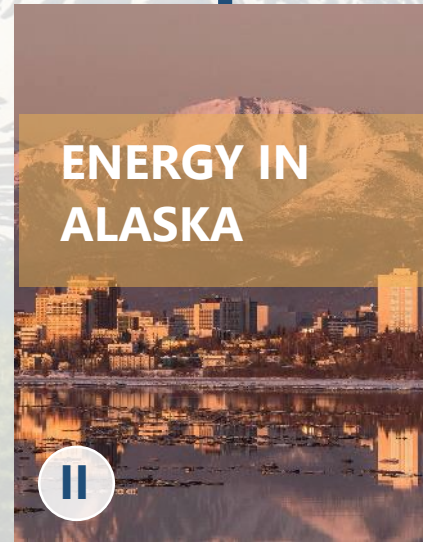
COMPREHENSIVE STATEWIDE ENERGY MASTER PLAN

*FOR ILLUSTRATIVE
PURPOSES ONLY –
DRAFT DELIBERATIVE*

MAIN SECTIONS



I. Introduction



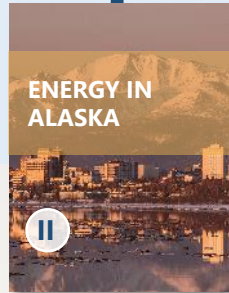
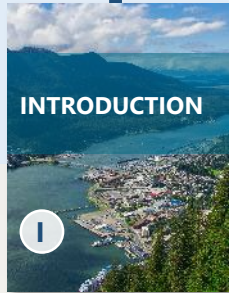
II. Energy In
Alaska



III. Energy
Priorities

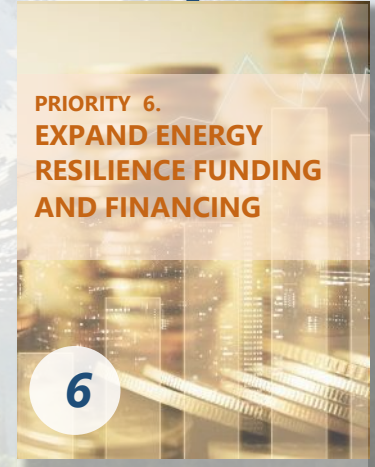


IV. Next Steps



FOR ILLUSTRATIVE PURPOSES ONLY – DRAFT DELIBERATIVE

ALASKA ENERGY PRIORITIES



SUPPORT AND SHARE EQUITABLE ACCESS TO ENERGY DATA

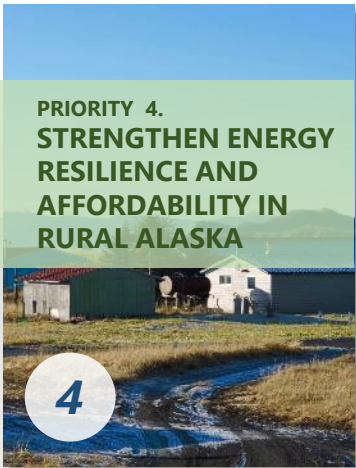
PROMOTE COORDINATED GOVERNANCE OF ENERGY POLICY AND REGULATIONS

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 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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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.

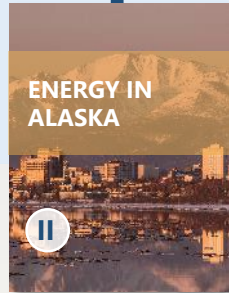
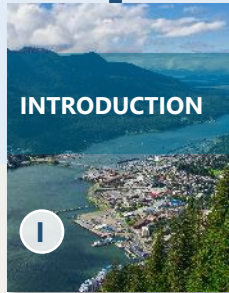
ACTIONS: Identifies specific changes in policies, programs, regulations, or funding to advance strategy.

TIMELINE FOR IMPLEMENTATION: TBD, but may include 0– 2 years, 2 - 5 years, 5 - 10 years; 10 years plus

Discussion Topic

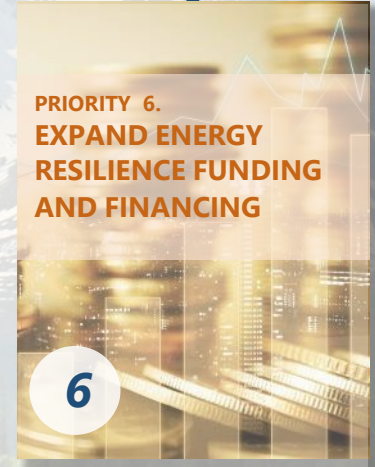


We welcome initial feedback on overall structure and layout of the Plan...



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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 1. SUPPORT AND SHARE EQUITABLE ACCESS TO ENERGY DATA

Subcommittee:

State Energy Data

Chair:

Dan White

Support:

Alaska Center for Energy and Power (ACEP)

Purpose:

- Establish a baseline energy portfolio for the State of Alaska
- Develop and maintain a public database of task force information and recommend strategies for sharing energy data and information through an energy data portal



Discussion Topic



What resources should this subcommittee know about?

Example: New Datasets; Online Mapping Portals, etc.

PRIORITY 2. PROMOTE COORDINATED GOVERNANCE OF ENERGY POLICY AND REGULATIONS

Subcommittee:

Statutes and Regulations Reform

Co-Chairs:

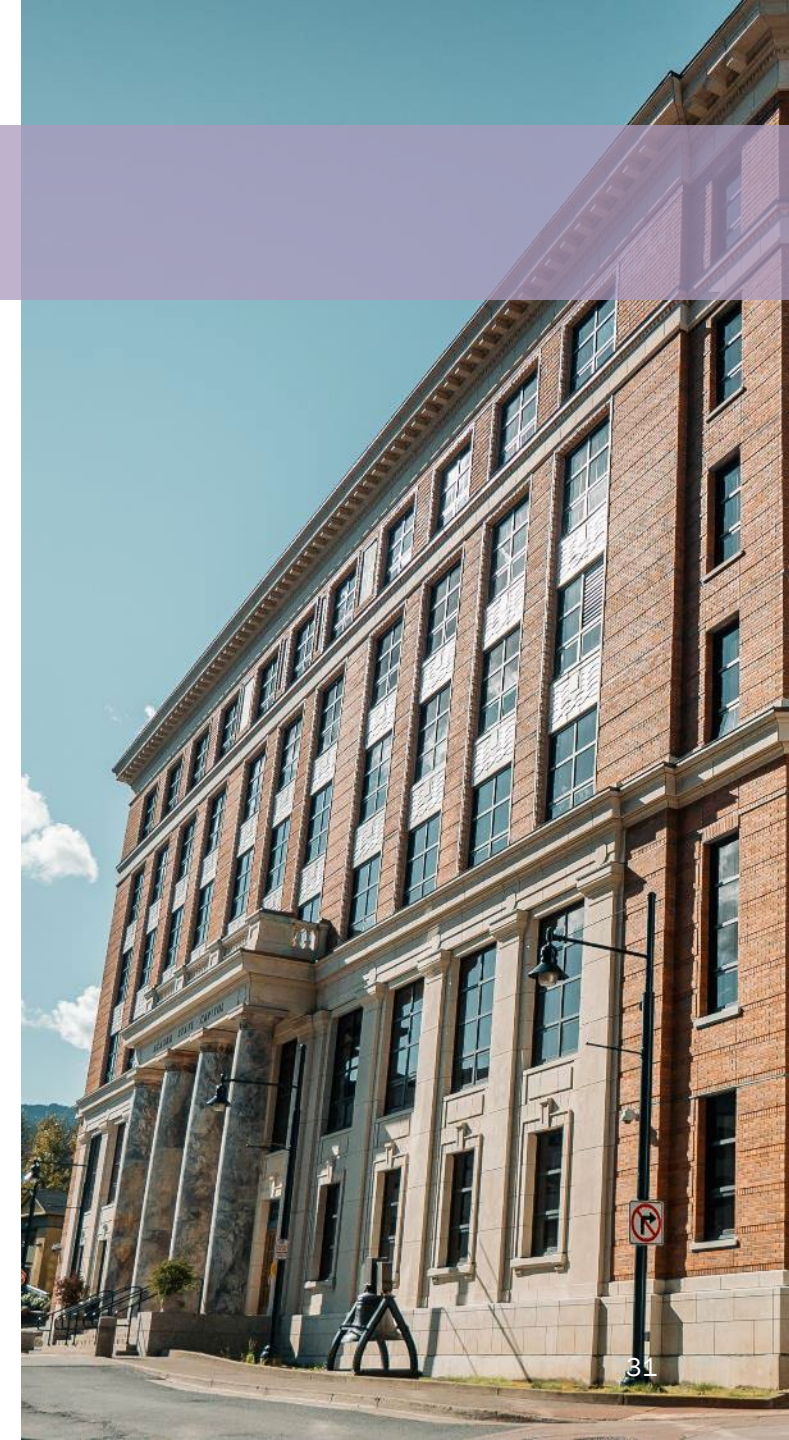
Robert Venables
Karl Hanneman

Subcommittee Support:

Michael Baker International, Inc.
Black & Veatch

Purpose:

- Streamlining permitting and reducing regulatory burden
- Updating outdated provisions
- Promoting renewable energy development
- Encouraging energy efficiency
- Supporting workforce development
- Ensuring Alaska's energy independence



Discussion Topic



What resources should this subcommittee know about?

Example: Recent Legislation Tracking; Policy White Papers, etc.

PRIORITY 3. CONTINUE TO ADVANCE LOW-COST ENERGY SOLUTIONS IN THE RAILBELT

Subcommittee:

Railbelt Transmission, Generation, and Storage

Co-Chairs:

Tony Izzo
Jenn Miller

Subcommittee Support:

Michael Baker International, Inc.
Black & Veatch

Purpose:

- Promoting renewable energy
- Evaluate multiple scenarios
- Encouraging energy efficiency
- Supporting workforce development
- Lowering the retail cost of energy
- Ensuring Alaska's energy independence
- Increasing reliability and resilience
- Local economic development
- Evaluating Renewable Portfolio Standards and Clean Energy



Discussion Topic



What resources should this subcommittee know about?

Example: Relationship to other planning initiatives such as Emergency Response Plans.

PRIORITY 4. STRENGTHEN ENERGY RESILIENCE AND AFFORDABILITY IN RURAL ALASKA

Subcommittee:

Rural Generation, Distribution, and Storage

Co-Chairs:

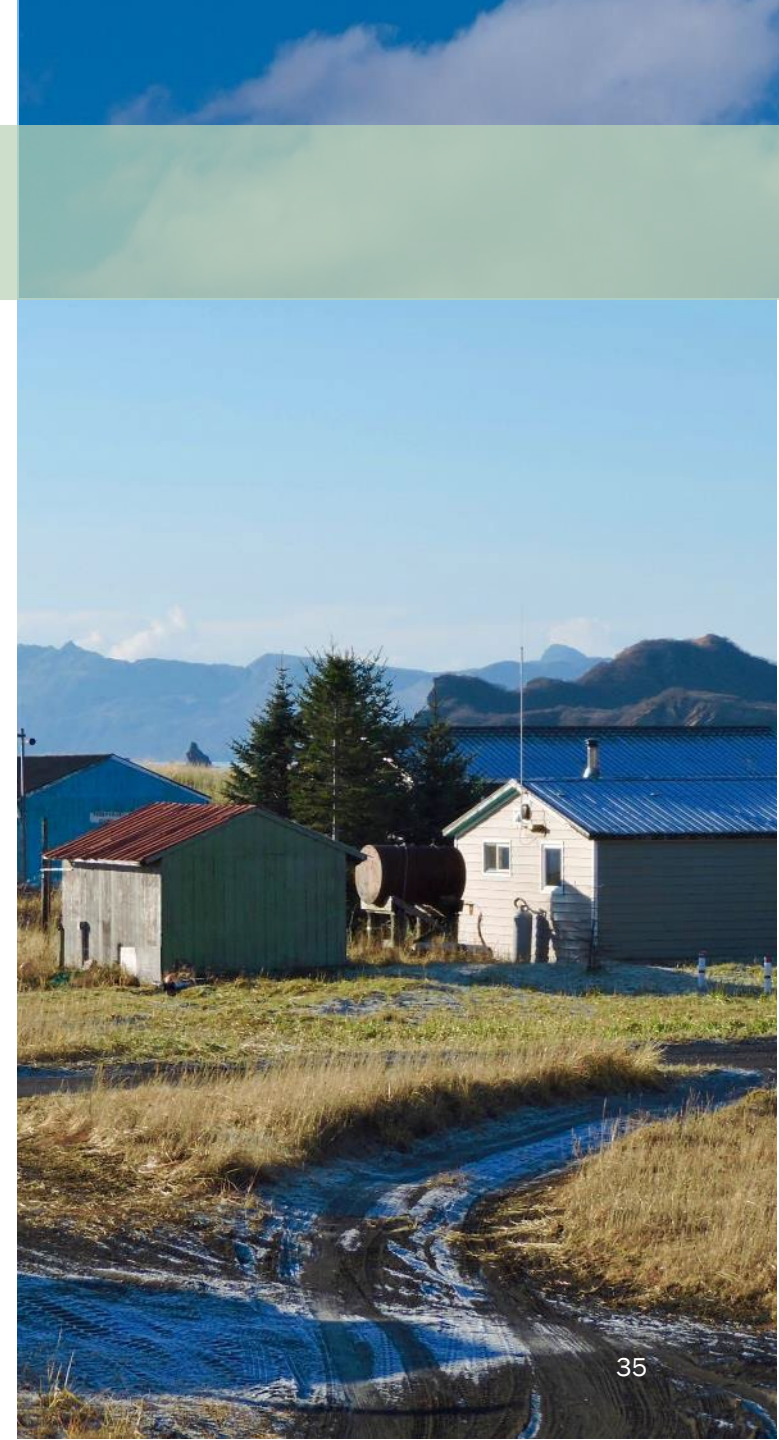
Clay Koplín
Andrew Guy

Subcommittee Support:

Michael Baker International, Inc.
Black & Veatch

Purpose:

- Promoting renewable energy
- Evaluate multiple scenarios
- Encouraging energy efficiency
- Supporting workforce development
- Lowering the retail cost of energy
- Ensuring Alaska's energy independence
- Increasing reliability and resilience
- Local economic development



Discussion Topic



What resources should this subcommittee know about?

Example: Suggested stakeholders to engage or success stories to highlight.

PRIORITY 5. ENHANCE COASTAL ENERGY SOLUTIONS

Subcommittee:

Coastal Generation, Distribution, and Storage

Co-Chairs:

Duff Mitchell
Robert Venables

Subcommittee Support:

Michael Baker International, Inc.
Black & Veatch

Purpose:

- Promoting renewable energy
- Evaluate multiple scenarios
- Encouraging energy efficiency
- Supporting workforce development
- Lowering the retail cost of energy
- Ensuring Alaska's energy independence
- Increasing reliability and resilience
- Local economic development



Discussion Topic



What resources should this subcommittee know about?

Example: New coastal initiatives related to permitting or infrastructure improvements.

PRIORITY 6: EXPAND ENERGY RESILIENCE FUNDING AND FINANCING

Subcommittee:

Incentives and Subsidies

Co-Chairs:

Nils Andreassen
Isaac Vanderburg

Subcommittee Support:

Michael Baker International, Inc.
Black & Veatch

Purpose:

- Lowering the cost of energy in Alaska
- Maximizing the use of federal incentives to increase the financial and economic impact of capital projects
- Promoting renewable energy development
- Encouraging energy efficiency
- Supporting workforce development
- Ensuring Alaska's energy independence



Discussion Topic



What resources should this subcommittee know about?

Example: New Financing programs, New Public-Private Partnerships.

Next Steps

- **Meet with your Subcommittee(s):**
 - State Energy Data: TBD
 - Statutes and Regulations Reform: *Monday, July 24, 10:30 am*
 - Railbelt Transmission, Generation, and Storage: *Tuesday, July 25, 3 pm*
 - Rural Generation, Distribution, and Storage: *Tuesday, July 25, 1 pm*
 - Coastal Generation, Distribution, and Storage: *Friday, July 28, 11am*
 - Incentives and Subsidies: *Tuesday, July 25, 2 pm*
- **Next Energy Symposium Presentation**
 - Alaska Rural Energy: Challenges and Opportunities for Reducing the Cost of Energy: *July 20, 2023, 11:00 am – 1:00 pm*
- **Next AESTF Meeting Date:**
Tuesday, August 8, 2023, 9:00 am

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>