



# JUNEAU COMMISSION ON SUSTAINABILITY AGENDA

December 06, 2023 at 12:00 PM

Zoom Webinar

---

<https://juneau.zoom.us/j/88069534778> or 1-253-215-8782 Webinar ID: 880 6953 4778

**A. CALL TO ORDER**

**B. LAND ACKNOWLEDGEMENT**

**C. ROLL CALL**

**D. APPROVAL OF AGENDA**

**E. APPROVAL OF MINUTES**

[1.](#) November 1, 2023 - JCOS Regular Meeting Minutes

[2.](#) November 29, 2023 Energy Subcommittee Minutes

**F. PUBLIC PARTICIPATION ON NON-AGENDA ITEMS**

**G. AGENDA TOPICS**

[3.](#) Alaska Energy Security Task Force Briefing - Duff Mitchell (JCOS)

[4.](#) Potential JCOS Comments on FY25 Marine Passenger Fee Budget - Steve Behnke (JCOS)

5. Potential JCOS Input on FY25 CIP - Steve Behnke (JCOS)

6. Follow Up on November 2, 2023 Sustainability Session - Marian Call (JCOS)

7. January 6, 2024 Retreat - Gretchen Keiser (JCOS)

**H. NEW BUSINESS**

8. Clean Energy Financing - Steve Behnke (JCOS)

**I. UNFINISHED BUSINESS**

**J. NEXT MEETING DATE**

9. JCOS Solid Waste Subcommittee Meeting - To Be Determined

10. JCOS Climate Impacts / Sustainability Indicators Subcommittee Meeting - To Be Determined

11. January 3, 2024 - JCOS Regular Meeting

12. January 6, 2024 - JCOS Retreat

**K. ADJOURNMENT**

ADA accommodations available upon request: Please contact the Clerk's office 36 hours prior to any meeting so arrangements can be made for closed captioning or sign language interpreter services depending on the meeting format. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: [city.clerk@juneau.org](mailto:city.clerk@juneau.org).

**Juneau Commission on Sustainability  
November 1, 2023 Meeting 12:00p.m.  
DRAFT Minutes**

**A. CALL TO ORDER**

Chair Keiser called the meeting to order at noon.

**B. LAND ACKNOWLEDGEMENT****C. ROLL CALL**

**Present:** Laura Achee, Steve Behnke, Marian Call, Gretchen Keiser, Duff Mitchell, David Teal, Nick Waldo

**Absent:** Jessica Barker, Jim Powell

**A quorum was present.**

**Staff & Others Present:** Assembly Liaison Ella Adkison, Planning Commission Liaison Nina Keller, CBJ Staff Liaison Dianna Robinson, Lori Sowa (AEL&P), Ashley Heimbigner (CBJ), Julius Adolfsson (Active Transportation Planner, DOT&PF)

**D. APPROVAL OF AGENDA**

**Approved without changes.**

**E. APPROVAL OF MINUTES**

1. October 4, 2023, JCOS Regular Meeting Minutes  
**Approved without changes.**
2. October 17, 2023, Solid Waste Subcommittee Minutes  
**Approved without changes.**

**F. PUBLIC PARTICIPATION**

**None.**

**G. AGENDA TOPICS**

1. JCOS Draft Letter on Assembly Goals - Gretchen Keiser (JCOS) & JCOS November 2022 Letter to the Assembly

Draft based on feedback from subcommittee chairs. First thanks mayor and assembly for progress, then lists recommendations including rewording of some draft goals. Builds on past participation in goal-setting and advocates for new goals (resource recovery / zero waste and update energy codes). Mr. Mitchell noted that CBJ talks and plans a lot, but is falling behind on action in dock electrification, EV adoption and waste management.

**Mr. Behnke moved that the letter be sent (with suggested modifications).  
Seconded by Ms Achee. Approved without objection.**

2. JCOS Comments on Draft FY25 Legislative Priorities- Gretchen Keiser (JCOS) & JCOS November 2022 Memo  
JCOS was silent on school upgrades last year, so endorsement is new for us. Composting facility support continues from last year. Mr. Mitchell suggested

mentioning past projects that have not been completed. After discussion, Chair Keiser agreed to revise the letter with highlights of past supported projects as well as the new school district project.

**Mr. Mitchell moved that the letter be sent (with suggested modifications). Mr Behnke seconded. Approved without objection.**

3. Presentation: Julius Adolfsson Active Transportation Planner, Alaska DOT: Bike-Ped Program

Working to increase active transportation (walking/biking) statewide. The subject links to sustainability via generation of greenhouse gasses. Transportation is a major producer of GHG, so his job is to encourage active transportation as a replacement for some of the many short trips that people make by vehicles that produce GHG. Reviewed potential sustainability projects, some of which are underway. He is available to help with Juneau-specific projects. JCOS requested feedback on what projects he suggests/recommendations for Juneau along with a list of potential resources.

4. Planning for JCOS Retreat in January 2024 - Gretchen Keiser (JCOS)  
Suggestion of the last week of December was dismissed. Any strong preference of meeting time and type? Suggest not supplanting regular meeting. Suggest in-person meeting to the extent possible. Doodle poll is best approach.
5. JCOS Subcommittee Reports - Steve Behnke, Nick Waldo  
Composting event tomorrow.  
Assembly Public Works & Facilities Committee meeting on on-bill financing Monday at noon. Mr. Behnke will schedule an Energy subcommittee meeting.

## **H. INFORMATION ITEMS**

None.

## **I. JCOS Comments on Visitor Circulator study**

Ms. Robinson will send JCOS Letter to all members.

## **J. COMMITTEE MEMBER / LIAISON COMMENTS AND QUESTIONS**

None.

## **K. NEXT MEETING DATES**

1. November 14, 2023 - JCOS Solid Waste Subcommittee Meeting
2. December 6, 2023 - JCOS Regular Meeting

## **L. ADJOURNMENT**

The meeting adjourned at 1:39p.m.

Submitted by David Teal, Secretary

**Juneau Commission of Sustainability (JCOS)**  
**Energy Subcommittee**  
**November 29, 2023**  
**DRAFT Minutes**

1. CALL TO ORDER

Chair Behnke called the meeting to order at noon.

2. LAND ACKNOWLEDGEMENT

3. ROLL CALL

**Members present:** Laura Achee, Steve Behnke, Duff Mitchell, David Teal

**Others present:** CBJ Staff Dianna Robinson, Ashley Heimbigner and Alix Pierce, Lori Sowa (AEL&P), Devon Kibby, Nancy Waterman, Pat

4. APPROVAL OF AGENDA

Approved with the addition of items that will be addressed under member comments and rearranging topics to place the EV update first on the agenda.

5. APPROVAL OF MINUTES

Not applicable

6. PUBLIC PARTICIPATION

None

7. AGENDA TOPICS

**a. EV Charging Updates/Recommendations**

Devon Kibby reported that there is a big push for the national EV infrastructure (NEVI) program (administered by the Alaska Energy Authority (AEA) and DOT&PF in Alaska). The first round of grants, for the railbelt Alternative Energy Corridor, is in progress. Juneau infrastructure is a second-round item that can be addressed only after the Anchorage-Fairbanks corridor (1<sup>st</sup> round) is funded. In the meantime Juneau has applied for a \$5 million grant through the separate CFI program with a focus on fast chargers for those who can't charge EVs at home. Unlike earlier infrastructure grants, these grants will have performance measures and money for maintenance. The grants have a 5 to 1 match ratio so the anticipated match for Juneau is \$1 million.

**b. JCOS Energy/Climate Related Recommendations**

The following items will be placed on the JCOS December 6 agenda with the support of the Energy Committee:

1. JCOS recommends that the CBJ conduct a **2<sup>nd</sup> year update of energy/GHG emission inventory**, with a letter to staff and the PWFC. Money for the project remains available in the existing JRES CIP.
2. JCOS recommendations on the 2025 MPF list (due January 3) should include 2 items:
  1. **dock electrification.** After discussion of progress on the project, equipment status, cost estimates and financing options, the committee included recommendations #5 and #6.

2. Development of a Tourism Business **Clean Energy Revolving Loan Fund**, in cooperation with JEDC.
3. JCOS recommendations on the FY25 CIP should include the following:
  1. support for staff recommendations for **deferred maintenance** items, with emphasis on those addressing energy efficiency and electrification.
  2. FY25 JRES implementation **CIP project or separate CIP projects** that would include the following items:
    - a. a **CBJ emissions reduction program**, providing funding to identify, evaluate and prioritize top GHG reduction measures for CBJ facilities and operations, and to implement a set of high priority measures.
    - b. **EV public chargers**
    - c. staff and consultant time for general **JRES implementation**, including federal grants.
4. JCOS should communicate with E&PW to acknowledge improvements to the CIP format, which now includes a “sustainability” category. We recommend additional direction to staff to explicitly address CBJ goals relating to energy and GHG emission reductions. Ideally this would include an **estimate of quantifiable reductions in GHG emissions as part of an emission reduction plan**.
5. (Recommendation to CBJ staff assigned to JCOS) Prepare a **grants calendar** in order to ensure that appropriate grant deadlines are known well in advance.
6. (Recommendation to CBJ staff assigned to JCOS) Provide JCOS with quarterly **progress reports** on topics of interest to JCOS, including dock electrification, downtown circular, EV charging, municipal EV fleet, and financing options for energy projects.

#### 8. INFORMATION ITEMS

- a. CBJ Role in Clean Energy Financing  
<https://betterbuildingssolutioncenter.energy.gov/financing-navigator/resources>
- b. Coining a Cleaner Future: Financing Decarbonization Projects Webinar Information 6. Commissioner Comments/Updates I.
- c. Mr. Mitchell will provide an update on statewide energy efforts to JCOS on December 6, including progress on energy financing.

#### 9. NEXT MEETING DATE

December 6, 2023 - Juneau Commission on Sustainability Regular Meeting

#### 10. ADJOURNMENT

The meeting adjourned at 1:08 pm.



# Alaska Energy Security Task Force Presentation

Juneau Commission on Sustainability

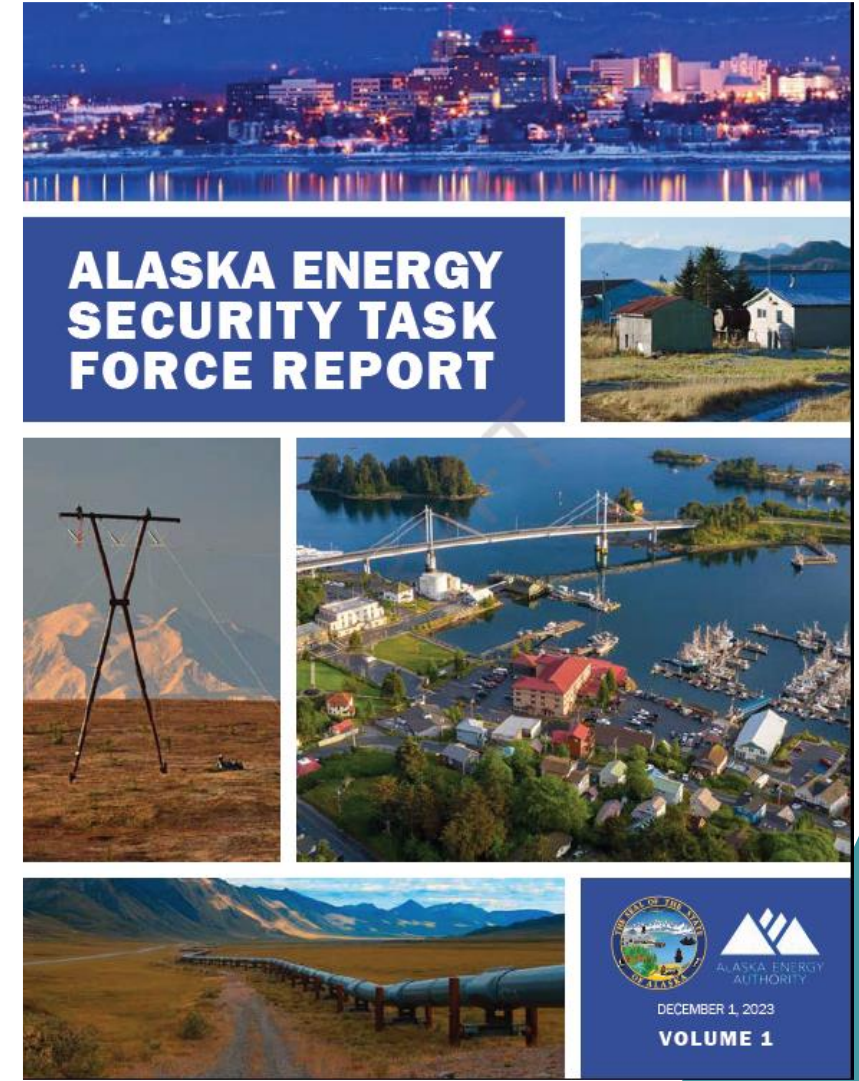
December 6, 2023



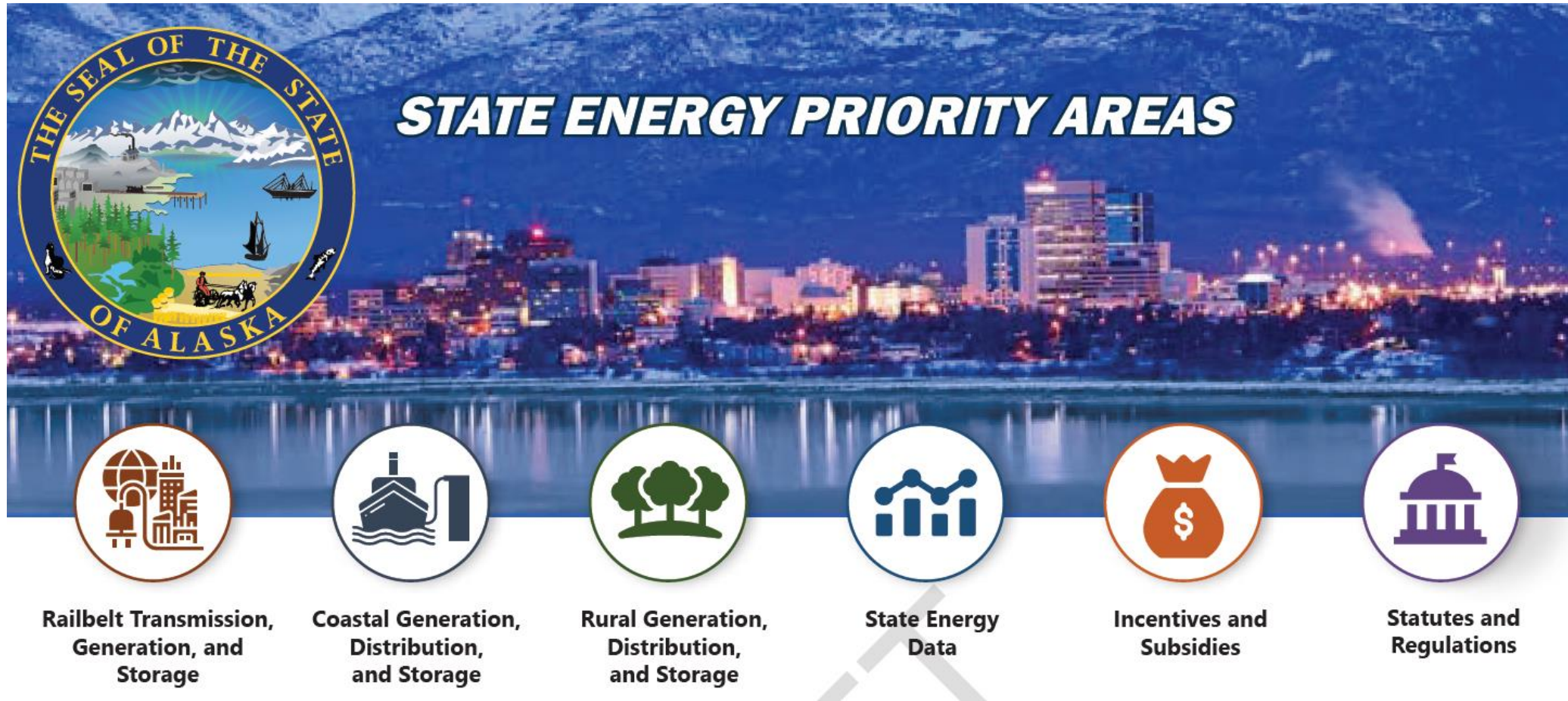
# Admin Order 345

**REASON:** Alaska's economic and energy future rests on the ability to identify, develop, and provide affordable, reliable, and resilient electric, heating, and transportation energy across our state.

**PURPOSE:** The purpose of the Task Force is to 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 Alaskan residents.



# Report is broken into priority areas and recommendations transcend a regional boundary





# Coastal Priority Overview Summaries

Section G, Item 3.



## PRIORITY B: COASTAL GENERATION, DISTRIBUTION, AND STORAGE



B

Coastal Generation,  
Distribution,  
and Storage

The Coastal Generation, Distribution, and Storage Subcommittee identified four key strategies:

**B-1 Alaska market initiatives:** Maximize utilization of existing energy generation and transmission and promote new renewable energy assets to lower energy costs for Alaskans and their industries through market initiatives and expansion.

**B-2 Alaska policy recommendations:** Enhance Alaska's departmental and regulatory policies to spur and sustain renewable energy and transmission development to cut energy costs and advance economic prosperity for Alaska

**B-3 State of Alaska coordination with Federal agencies and with Federally and State recognized Tribes recommendations:** Refine federal policy to bolster Alaska's renewable energy and support communities in securing affordable energy.

**B-4 Alaska hydropower generation recommendations:** Enhance Alaska's policies to fast-track hydropower to provide affordable, secure energy for Alaskans.

# COASTAL NEXT STEPS AND ACTIONS

## MARKET INITIATIVES RECOMMENDED FOR IMMEDIATE IMPLEMENTATION

**B-1.1** Integrate and promote heat pump technology and systems (ASHP, SWHP, GSHP) as an alternative energy resource in Coastal Alaska.

**B-1.2** Plan, finance, and support the execution of Shore power at Public and Private Cruise Docks to Sell Excess Energy to Cruise Ships.

**B-1.3** Beneficially electrify the Alaska Ferry Fleet to lower the cost of transportation, emissions, and assist in reducing the cost of power in coastal communities.

**B-1.4** Identify and support the colocation of industrial load (e.g. data servers) with Alaska hydropower facilities for synergies to lower energy costs.

**B-1.5** Identify, assist, and fund Battery Energy Storage Systems (BESS) and other Energy Storage Systems (ESS) for successful integration into Coastal communities to increase energy security, grid resilience and to lower energy costs.

Maximize utilization of existing energy generation and transmission and promote new renewable energy assets to lower energy costs for Alaskans and their industries through market initiatives and expansion.

## COASTAL NEXT STEPS AND ACTIONS ALASKA

### POLICY RECOMMENDATIONS



**B-2.1** Establish, require, assist, and implement community Integrated Resource Plans (light) to forecast energy demand and generation for community and regional future energy needs and to lower energy costs.

**B-2.2** Strengthen Alaska's Net Metering energy framework, tariffs, and regulations for Alaska's diverse stakeholders to promote net metering renewable energy investments.

**B-2.3** Strengthen and streamline the State of Alaska's internal state regulatory and land use administrative processes to accelerate approval to advance strategic energy projects and transmission for regional energy security and lower energy costs.

**B-2.4** Strategize and prioritize State of Alaska funding to match federal funding and federal financing to build and expand sustainable transmission and distribution lines in Alaska to bring Alaska on par with the US transmission systems for Alaskan energy security and lower energy costs.



**B-2.5** Establish and provide valuable energy planning and modeling metrics from State data sources, where available and requested (such as DMV electric vehicle registrations and Air Source Heat Pump (ASHP) installation) by individual communities.

**B-2.6** Recruit, train, and enhance Alaska workforce with technical skills and training for advancing beneficial electrification to lower Alaska energy costs and to sustain Alaska's growing energy infrastructure.

Enhance Alaska's departmental and regulatory policies to spur and sustain renewable energy and transmission development to cut energy costs and advance economic prosperity for Alaska.

# COASTAL NEXT STEPS AND ACTIONS

## State of Alaska Coordination with Federal Agencies and Federally Recognized Tribes Recommendations

Section G, Item 3.

**B-3.1** Establish an Alaska/federal Clean Energy Policy Force to develop, collaborate, and prioritize State energy, plan, goals, and rights to optimally advance renewable energy and transmission on federal lands.

**B-3.2** State of Alaska partners and collaborates with Federally recognized Alaska tribes and federal agencies to develop mutually beneficial Energy Development and Transmission/Distribution to advance the State Energy Plan to lower the cost of energy.

Refine federal policy to bolster Alaska's clean energy and support tribes in securing affordable energy. Directionally (as opposed to aspirationally) advance Alaska's Energy Plan priorities to promote and develop clean energy generation and transmission assets through negotiating and influencing federal agencies for proactive federal energy development policy modifications and revisions and to collaborate and assist Alaska's federally recognized tribes in obtaining lower cost energy in Alaska.



## COASTAL NEXT STEPS AND ACTIONS

### Alaska Hydropower Generation Recommendations

Section G, Item 3.



**B-4.1** Foster, support, and assist Hydropower development and their transmission in Alaska to lower energy costs, provide energy security, and spur economic growth, job creation, and prosperity for Alaska.

Enhance Alaska's policies to fast-track hydropower for affordable, secure energy Alaskans expect by optimizing Alaska public policies and investments to promote and advance execution-ready hydropower projects to lower the cost of energy and to bolster community and regional energy security that Alaskans deserve and expect.

*“Hydropower in Alaska is not just an energy source; it is Alaska’s energy DNA”*

# Key Coastal Outcomes

- Strategically planned market initiative actions with tactical implementation will optimize State of Alaska's Energy plan to lower Alaskans' energy costs (electric, heating, transportation).
- Administration and AEA strategic maturation of Task Force recommendations, optimizing federal funding for the strategic achievement of goals will reduce the cost of power for Alaskans today and leave an energy legacy for generations to follow.
- The expected results and outcomes from this cross-agency, inclusive tribal interest effort will lower Alaska's energy costs and reduce the dependency on imported fuels, using local Alaska land and energy resources for the benefit of Alaska.
- The State of Alaska can take an active, willful, and calculated role in lowering the energy cost for Alaskans, by effectively guiding hydropower development policy and investments in hydropower assets and related transmission infrastructure.

# Alaska Energy Security Task Force Presentation

*LOWERING THE COST OF ENERGY FOR  
ALASKANS*

On Nov 30, 2023, at 4:44 PM, Steve Behnke <[steven.r.behnke@gmail.com](mailto:steven.r.behnke@gmail.com)> wrote:

If it isn't too late, this could go in the packet for next week's meeting:

Recommendations from Energy Committee meeting Nov. 29, 2023

**a. JCOS Energy/Climate Related Recommendations**

1. JCOS recommends that the CBJ conduct a **2<sup>nd</sup> year update of energy/GHG emission inventory**, with a letter to staff and the PWFC. Money for the project remains available in the existing JRES CIP.
2. JCOS recommendations on the 2025 MPF list (due January 3) should include 2 items: a) **dock electrification**. After discussion of progress on the project, equipment status, cost estimates and financing options, the committee included recommendations #5 and #6. b) Development of a Tourism Business **Clean Energy Revolving Loan Fund**, in cooperation with JEDC.
3. JCOS recommendations on the FY25 CIP should include the following:
  - a) support for staff recommendations for deferred maintenance items, with emphasis on those addressing energy efficiency and electrification.
  - b) a FY25 JRES implementation CIP project or separate CIP projects that would include the following items: 1) a CBJ emissions reduction program, providing funding to identify, evaluate and prioritize top GHG reduction measures for CBJ facilities and operations, and to implement a set of high priority measures. 2)EV public chargers 3)staff and consultant time for general JRES implementation, including fed. grants.
4. JCOS should communicate with E&PW to acknowledge improvements to the CIP format, which now includes a “sustainability” category. We recommend additional direction to staff to explicitly address CBJ goals relating to energy and GHG emission reductions. Ideally this would include an **estimate of quantifiable reductions in GHG emissions as part of an emission reduction plan**.
5. (Recommendation to CBJ staff assigned to JCOS) Prepare a **grants calendar** in order to ensure that appropriate grant deadlines are known well in advance.
6. (Recommendation to CBJ staff assigned to JCOS) Provide JCOS with quarterly **progress reports** on topics of interest to JCOS, including dock electrification, downtown circular, EV charging, municipal EV fleet, and financing options for energy projects.