

JCOS Recent Formal Input to CBJ Assembly & Staff on Sustainability Topics

(August 2023)

Marine Passenger Fees

12/2021: Bid-ready electrification documents for two 16B docks, two downtown electric circulator buses & chargers, water-filling stations/eliminate plastic bottles, reusable shopping bags/tourism marketing.

3/2022: study to assess use of Battery Electric Storage System & compatibility with Franklin Dock Load Tap Conductor.

12/2022: 16B Dock electrification funding, matching funds to FTA grant application for downtown electric circulator buses, water-filling stations.

Capital Improvement Projects

11/2020: incorporate sustainability as CIP criterion, support for several existing CIPs, and additional projects: energy use tracking in CBJ facilities, CBJ fleet electrification, space heating & transportation electrification action plans, plan to pursue federal funding for shore power & shoreside infrastructure, action to address solid waste reduction/diversion. NOTE: sustainability CIP criterion in FY22+.

12/2021: several projects addressing JRES, Zero Waste planning, dock electrification design, downtown electric circulator bus planning, district heating feasibility, CBJ fleet electrification, community EV adoption, energy efficiency improvements to CBJ facilities, and climate change adaptation assessment.

5/2022: three projects for 1% temporary sales tax extension (October 2022 election): 1) *Waste Reduction/Diversion Projects*; 2) *Electrification of Heating in CBJ Facilities*; and 3) *Energy Efficiency Upgrades to CBJ Facilities*.

Legislative Priorities

12/2021: two projects: *Electrification of CBJ 16B Docks for Cruise Ship Power and related Tourism Transportation*, and *Energy Efficiency Improvements for Juneau Housing*.

11/2022: two projects: *Electrification of 16B Docks* (including rationale that it would “function as a springboard for conversion of the tourism shore-based vehicle fleet to electric.”) And, *Municipal Composting Facility Design & Construction*.

Assembly Annual Goal-Setting

11/2021: several recommendations aligned with existing Assembly goals:

1. *Affordable housing* (building code updates, CBJ financing of efficiency retrofits).
2. *Economic development* (Comp Plan update, advocacy to RCA on public interest in utility services).
3. *Cost of living* (electrification of space heating & transportation, optimize cruise/mining power needs to increase hydropower supplies).
4. *CBJ sustainable budget/operations* (embed energy efficiency in CBJ operations, CIP process, procurement).
5. *Sustainable community* (update Juneau's energy use/GHG emission profile, zero waste planning, climate impact adaptation).

11/2022: a handful of recommendations aligned with existing Assembly goals:

1. Goal Housing 1B: support energy efficiency retrofit of existing SFHs & multi-family housing.
2. Goal Sustainable Community
 - 5C: develop/implement 5- and 10-year action plan that advances Juneau's use of renewable energy.
 - Goal 5D: prepare a climate hazards mitigation/resilience strategy.
 - New Goal 5: promote, support & collaborate on broad electrification of Juneau's vehicle fleets.

JCOS Reports/Presentations

3/2021: *Juneau Solid Waste Fact Sheet and Recommendations for a Course of Action by the CBJ Assembly.*

12/2022: *Juneau's Climate Action and Sustainability: What's Been Accomplished and Recommendations for a Proposed 5-Year Action Plan.* Numerous recommendations on electrification of buildings, transportation, docks and waterfront; advocacy on power supplies, solid waste reduction/diversion, and climate adaptation.

6/5/2023: JCOS presentation to Assembly COW: *Juneau's Energy Picture and Climate Action: Where Are We? What's Next?* Concluding comments:

1. keep measuring Juneau's progress (2022 study)
2. continue & accelerate what's underway and working
3. determine CBJ's role in clean energy financing
4. lead by example: CBJ Energy Management
5. celebrate successes and report to community