



Environmental Advisory Board

MEETING MINUTES

Tuesday, December 06, 2022

3:30 pm

130 Kearns Road

Small Conference Room

1. ROLL CALL

Present: Andrew Wickes, Mike Steiner, Phi Filerman, Kirby Jacobs, Chris Tullar, Joseph Goodman

Absent: Nicolas Valentino

Staff Present: Greg LeBlanc, Sam Guarino

2. APPROVAL OF MINUTES

2.a. November 2022 EAB Minutes

[11-1-22 EAB Minutes.pdf](#)

Greg provided an update on the motion made at the last meeting. The motion was for The Town of Snowmass Environmental Advisory board to ask town staff to collaborate with CORE to draw up language to develop an Ordinance regarding building performance standards similar to the Aspen building IQ program explicitly tailored to Snowmass Village. Greg is working on packaging the benchmarking and building codes and will bring them back to the board at a later meeting.

Andrew Wickes motioned to approve November 01, 2022, minutes Phi Filerman seconded.

Motion passed unanimously

3. ITEMS FOR DISCUSSION

3.a. CAP Project Discussion

Discussion continued working with the ICLEI High Impact analysis overview.

HIA Overview					
Type	Name	Reduction (Activity)	Net Reduction (MT CO2e)	Description	Explanation/Source
Grid Decarbonization	Custom Scenario	-	44,972.75	90% reduction in grid electricity	Grid decarbonization scenario from user input
High Level Vehicle Miles Traveled Reduction	BAU (0% Vehicle Miles Traveled Reduction)	0	0.00	0% Reduction in total Vehicle Miles Traveled	Generic BAU baseline
On-road Electric Vehicles Adoption	US-BAU (3% Annual Growth)	3,369,449.71	872.47	15% Reduction in total ICE Vehicle Miles Traveled	https://evadoption.com/ev-sales/ev-sales-forecasts/ This action influences an increase in Residential & Commercial buildings electricity emissions.
Commercial Building Efficiency	IECC 2018	2,518,683	138	5.6% reduction in Commercial kWh	All new buildings including 1% of existing Square Feet (renovations and turnover) will meet IECC 2018 (37.30% reduction in building EUI) https://www.eia.gov/consumption/commercial/data/2012/cbe/pdf/e2.pdf & https://www1.eere.energy.gov/library/viewdetails.aspx?productId=8617&page=2
Residential Building Efficiency	IECC 2018	2,387,148	142	5.6% reduction in Residential kWh	All new buildings including 1% of existing Square Feet (renovations and turnover) will meet IECC 2018 (37.30% reduction in building EUI) https://www.eia.gov/consumption/commercial/data/2012/cbe/pdf/e2.pdf & https://www1.eere.energy.gov/library/viewdetails.aspx?productId=8617&page=2
Commercial Building Electrification	Custom Input	111,838	5,366	24.9% reduction in Commercial MMBtu	Starting in 2022, 3% of existing Square Feet per year and starting in 2022, 100% of new Square Feet per year will be electrified.
Residential Building Electrification	5% EB Electrified	188,433	8,908	63.5% reduction in Residential MMBtu	5% of existing Square Feet per year is electrified Because heating systems are replaced at a minimum of 10 years (assumption), this scenario represents half replacement with all electric heating systems. https://www.energystar.gov/campaign/heating_cooling/replace

The board started by looking at the Commercial and Residential Efficiency and how to reach the 5.6% reduction. CORE will look at this and determine what it means and what would be required. It would help to break it down into different frameworks to analyze the data and help better understand the needs. ICLEI has tools that will assist in determining what is needed.

Transportation items are being addressed, and if they keep going the way they are, they should reach their goals by 2030. Goals for 2023 is to develop a zero-emissions plan. The Town is working on electric infrastructure for the village and how best to implement it. Putting charging stations in lot 12 is challenging due to no power on that side of the road. More research needs to be done to find the best solution. It was suggested to look into solar carports or small-cell hydrogen as possible options.

The numbered lots have very special requirements as to what will work. By sending out an RFI, you could find a company that has a solution meeting the needs.

We need to look at the workforce and see how to reduce single-car ridership. Sam is already working on getting ridership up to pre-pandemic levels. A discussion could be held with property management companies in consolidating trips for maintenance workers.

The freight switching station at the Intercept lot is forward-thinking and could be a range goal.

Sam stated there currently is a study for managed or toll lanes to control traffic. He will continue to keep the board updated.

Commercial and Residential Building Electrification projects were next to be discussed.

Incentive and rebate programs need to be available to get the community engaged.

Some consultants/companies do system sizing, analyze, and take inventory of what size pump needs to go where for planning and financing purposes. If the Town puts it out there, we have a goal of a 5% reduction; in an RFP or RFI, it could help find a contractor that could do the assessment and what it would cost. This could be structured as a pilot program, where other municipalities in the valley could also benefit from this program. CORE and Holy Cross could partner with the Town to develop and manage. Joseph mentioned that the Massachusetts Clean Energy Department created software for technology-enabled advising and cost analysis broken down by buildings.

Phi will take this idea back to CORE to determine its role in this project.

EAB could organize a meeting with multiple municipalities and Block Power to discuss this project.

By July, the EAB board must have the key elements to lay the groundwork.

There was a discussion on rebates and incentives and what works best for community engagement. The board might want to set efficiency requirements to qualify for the rebates. Conversation on this topic will be continued.

Greg will build out using the IGLIE matrix, listing projects under each item to keep things organized and simple while prioritizing what needs to be done in what year. Using the expanded Matrix will help determine who can do what, when steps need to be taken, and what costs.

3.b. January Retreat- Postponed to a later date

During January, EAB board members can keep everyone informed by emailing their results concerning their discussions with other stakeholders.

- Joseph will check in with “Block Power” to see if they would present at an EAB meeting
- ASC their partnership with CORE and the Town
- CORE will check in with the team to determine their role in the project discussed.

4. **C.O.R.E. UPDATE- Phi Filerman**

Has paid out several grants to Snowmass for Housing and roads

Working with Holy Cross on multi-family assessments, CORE will be doing some rebates for some electrification work

Community Sustainability Conversation coming up on the 13th is already sold out but contact Phi if you are interested in attending. There may be a waiting list she can put your name on.

Benchmarking continuing with the IQ project in Aspen

The Aspen Employee Housing grant program has been hugely successful

5. **HOLY CROSS ENERGY UPDATE- Mike Steiner**

Colorado River Valley projects moving forward

Demand for power wall systems, dealing with supply shortages and labor

Strong interest continues in Commercial battery systems

6. **OTHER AGENDA ITEMS**

There was a comment that the roads in Snowmass are unsafe to walk on, especially during a snow day. The Town does have a connectivity plan that Greg will provide to the board.

Kirby has a DC update:

Farm Bill is being renewed, coming up in September

Looking at what small communities would want to see on this, rural development

7. NEXT MEETING DATE

February 7th, 2023

8. NON-AGENDA ITEMS

9. ADJOURNMENT

Meeting adjourned at 5:05 pm

DRAFT