



Environmental Advisory Board

MEETING MINUTES

Tuesday, November 01, 2022

3:30 PM

130 Kearns Road

Small Conference Room

1. ROLL CALL

Present: Andrew Wickes, Mike Steiner, Ryland French for Phi Filerman, Nicolas Valentino, Joseph Goodman (arrived late)

Absent: Kirby Jacobs, ChrisTullar,

Staff Present: Greg LeBlanc, Sam Guarino

Guest: Dallas Blaney, CEO of CORE

2. APPROVAL OF MINUTES

2a. October 2022 Minutes

Andrew Wickes motioned to approve the October 4th minutes as amended. Nicolas Valentino seconded.

Motion passed 4-0 3 members absent

Introduction of Dallas Blaney, the new C.E.O. for CORE.

Dallas informed the Board how his first few months at CORE are going and provided information on new opportunities, such as the Inflation Reduction Act (I.R.A.) and how it could benefit the Town. Dallas will work with the Town to explore the options available.

As CORE is expanding its funding options, they may look to the Town to help finance hiring more staff to assist with the fundraising effort to go after all the available opportunities.

3. CORE update: Ryland

Ryland and Dallas will meet with the Aspen Skiing Company later this month, then Ryland will coordinate with Greg to discuss what type of partnership would be best to coordinate on climate action goals. A summary of the meetings will be brought to the Board at the next meeting.

CORE has two new positions. Tim starts next week as an Energy concierge, focusing on working with the customers and commercial units as the contact for information. Applications are open for the new Energy Manager position advising and providing assessments.

4. Holy Cross Update: Mike Steiner

Local projects in Parachute and Rifle are moving forward with 10 megawatts of solar and 10 megawatts of storage. They hope to be completed by next summer. Installation of the wind farm is scheduled to be completed by next summer as well. Regionally the hot topic is electrification and adapting new building codes. Holy Cross is working with Eagle County on adopting new regulations similar to what Basalt put in place.

Incentives are available, now is the time to stay on top of it and keep moving forward.

Holly Cross is piloting two commercial battery systems and looking at Snowmass for a potential 2023 pilot commercial battery storage system.

CORE and Holy Cross are working on the microgrid project in Woody Creek.

5. ITEMS FOR DISCUSSION**3.a January Retreat Update Date TBD**

At the retreat, create a list that the group can rate from highest to lowest priorities. The initial list can come from CORE's list, and the Board can modify it as needed,

3.b C.A.P. Project Discussion

Andrew and Greg met to discuss moving forward with the CAP project. From this discussion, it was decided the Board could use the High Impact Actions Analysis Summary (ICLEI) to help direct the Board's efforts.

In this meeting and the December meeting, the Board needs to look at the "low-hanging fruit" projects that can be kicked off in the next year, allowing time to look at the long-range projects so the Town can meet its goals by 2030.

With the ICLEI analysis summary, the Board needs to work through the materials and identify the projects they can complete next year. By January at the retreat, the board should have a work plan to know who to bring in to access the plan and make recommendations.

After the retreat, the Board will have a work plan and direction on what to bring to Council for 2023.

Greg will send the CAP template to each board member to review before the

next meeting.

HIA Overview					
Type	Name	Reduction (Activity)	Net Reduction (MT CO ₂ e)	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://eraadoption.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/che/pdf/e2.pdf & https://www1.eere.energy.gov/library/viewdetails.aspx?productid=8017&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/che/pdf/e2.pdf & https://www1.eere.energy.gov/library/viewdetails.aspx?productid=8017&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.energy.gov/campaign/heating_cooling/replace

Looking at the overview table gives the Board something to start working with and identify who can deal with the types as mentioned above.

Grid decarbonization- Holy Cross

High-Level Vehicles miles traveled- Sam Guarino(Transportation Dept) & travel reduction

On-road Electric Vehicles- Sam Guarino(Transportation Dept)

Commercial Building Efficiency- Town through building codes or other programs with CORE and Holy Cross

Residential Building Efficiency- Town through building codes or other programs with CORE and Holy Cross

Commercial Building Electrification- Town through building codes or other programs with CORE and Holy Cross

Residential Building Electrification- Town through building codes or other programs with CORE and Holy Cross

Greg asked the Board, after reviewing the table, what ideas or projects the Town could start working on in 2023.

A review of the needed reduction for each area was provided.

Discussion ensued, covering several topics such as:

- Create an Ordinance similar to Aspens Building IQ to use State benchmarking and Building Performance Standards (BPS) - Getting the stats from the State on the local buildings benchmarking that has already been done.
- Building Code amendments (Greg and Ryland will work with the Community Development department)
- Replacement of broilers
- CORE will continue working on building IQ
- Landscaping ecosystem appropriate
- Residential focus on incentives for energy efficiencies

Andrew Wickes motioned 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. Joseph Goodman seconded it.

Motion passed 5-0 2 members absent

The discussion will be continued at the next meeting

4. UPCOMING AGENDA ITEMS

- Ways to reduce bear interactions and decrease water incentives
- Identify what the Town can work through for 2023
- Landscaping eco-friendly
- Incentivize residential remodel efficiencies

6. NEXT MEETING DATE

December 6th, 2022

7. NON-AGENDA ITEMS

Dallas from CORE recently participated in a meeting where the mayors committed to lobbying for money for mountain communities. Now is the time to take advantage and use the opportunity to leverage with other mountain communities to receive funding for these larger projects.

8. ADJOURNMENT