



**ELECTRIC VEHICLE (EV) SUBCOMMITTEE
LEBANON ENERGY ADVISORY COMMITTEE (LEAC)
FEBRUARY 8, 2024 - 3:00 PM
COUNCIL CHAMBERS, CITY HALL OR
REMOTE VIA VIRTUAL PLATFORM
LEBANONNH.GOV/LIVE**

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- 1. Call to Order**
 - 2. Approval of Minutes**
 - A. January 11, 2024
 - 3. Old Business**
 - A. E-Street Sweepers (Granite State Clean Fleet Grant)
 - B. Earth Day EV Expo 04/21/24
 - 4. New Business**
 - A. Lebanon Strategic Plan
 - B. EV infrastructure planning, outreach, funding
 - i.) CFI review
 - ii.) Regional collaborations
 - iii.) Beyond CFI: A Lebanon plan
 - a. Community engagement
 - b. Prioritizing sites, types of EVSEs
 - iv.) Strategies for plan implementation
 - a. Community partners & outreach
 - b. Foundation grants
 - c. 2024 CFI
 - C. Policy on Lebanon employees' use of EVSEs
 - D. E-bike lending library organizing
 - E. Upper Valley Senior Center outreach
 - 5. Open to the Public**
 - 6. Adjournment**

Meetings are open for in-person and remote attendance. Members of the public that wish to attend remotely may do so by going to LebanonNH.gov/Live where you will find instructions on how to enter the meeting. Members of the public will be able to participate and ask questions through the City's virtual platform or by phone. Please note: Should technical difficulties occur during the meeting that disrupts virtual or phone connection(s), the meeting will continue without remote access capabilities.

AGENDA
ELECTRIC VEHICLE SUBCOMMITTEE OF THE
LEBANON ENERGY ADVISORY COMMITTEE
February 8, 2024

AGENDA ITEM 2
APPROVAL OF MINUTES:

January 11, 2024



ELECTRIC VEHICLE SUBCOMMITTEE MEETING MINUTES

(Subcommittee of the Lebanon Energy Advisory Committee)

City Hall Council Chambers

January 11th 2024, 3:00 PM

-- Draft --

MEMBERS PRESENT: Sherry Boschert (Chair), Clifton Below

MEMBERS ABSENT: Meghan Butts

STAFF PRESENT: Tad Montgomery, Energy & Facilities Manager

GUESTS PRESENT: Henry Bromberg – LEAC Chair, Bill Stearns, Tom Benzel

1. **CALL TO ORDER:** Meeting called to order by Sherry Boschert at 3:04 PM.

2. **APPROVAL OF MINUTES:**

Sherry Boschert moved to accept the December 2023 EV Subcommittee minutes; Clifton Below seconded. Approved unanimously.

3. **OLD BUSINESS**

- A. **Granite State Clean Fleet Grant for Street Sweepers** – Tad Montgomery said that the NH DES had sent grant agreement documents to City staff the day before and Staff were in the process of reviewing and tweaking them.
- B. **Fleet Electrification Plan** – Tad Montgomery said that ADM-149: Electric Vehicle and Equipment Procurement Policy had gone through the 30-day Staff review process and been signed by the City Manager. He also said that he has received requests for copies of it from all over the country. Sherry Boschert and Clifton Below requested copies of the final version, and Mr. Below also asked that a copy be sent to Clean Energy NH and the Community Power Coalition.
- C. **Zoning Variance for the former Element Hotel** – Sherry Boschert said that the ZBA had decided not to award a variance for a different use at the Element Hotel.
- D. **Federal Charging and Fueling Infrastructure Grant** – Sherry Boschert said that the City had learned the day before that we have not been awarded this

grant. There was speculation as to why, and Ms. Boschert said that she would look more deeply into this. She also said that she would contact the project partners to inform them.

4. NEW BUSINESS

- A. **Drive Electric Earth Day Event** – Sherry Boschert described work that she and Bill Stearns have been doing to organize another drive electric event on April 21st. The event is planned for noon to 3 PM with setup starting at 10 AM and clean-up ending by 5 PM. They are focusing on the Shaws parking lot in West Lebanon because Rivian is installing new charging stations there and the Subcommittee members thought that this would be good publicity. Mr. Stearns has reached out to the landlord and if there is a positive response he will reach out to Rivian about possibly being the event's major sponsor. There was discussion about what organization might act as the event's fiscal sponsor that centered around the possibility of the City playing that role.

PROPOSAL: To be presented to LEAC – That LEAC be the lead sponsor for the 2024 Earth Day (Earth Month) Drive Electric event with Sherry Boschert and a group of volunteers doing the organizing. Moved by Sherry Boschert, seconded by Clifton Below. Unanimously approved.

- B. **City Staff Use of City EV Chargers** – Sherry Boschert led a discussion of a possible policy for Staff with electric vehicles to charge at City EV chargers. She said that this has become all the more urgent with the loss of the CFI grant since there are now no plans for new EV charging stations in the downtown area. Clifton Below discussed IRS rules around taxable benefits and said that he would look into this for EV charging. Ms. Boschert said that she would research what policies other local organizations have developed for staff use of organization-owned chargers. Dartmouth Hitchcock, King Arthur, Hypertherm, and the firm that Tom Benzel used to work for were mentioned, and Mr. Benzel said that he would reach out to the latter.
- C. **Fire Station Redevelopment** – Sherry Boschert asked if there has been any discussion of the new fire station including charging equipment for future EVs. Tad Montgomery said that he has not heard of any. Ms. Boschert said that she would reach out to Fire Chief Jim Wheatley on this.

- d. **EV Subcommittee Projects for 2024** – Ms. Boschert led a discussion on projects for this coming year. Ideas included EV events, publicizing incentives to encourage more EV adoption, and partnering with businesses and organizations to install more EV chargers.

OTHER NEWS

- Ms. Boschert said that she had won two video editing sessions from JAM. She intends to use a 30-second video to promote the Upper Valley EV Expo, and asked for input on what could be done with the 60-second video.

UPCOMING EVENTS AND FUTURE AGENDA ITEMS:

- **Drive Electric Earth Month Event** – to be held in West Lebanon on April 20th or 21st, TBD.
- **Upper Valley EV Expo** – New London will be hosting next fall's Upper Valley EV Expo on the last weekend in September. The Subcommittee discussed how best we could support it.

NEXT MEETING:

Thursday, February 8th, 3 PM, Council Chambers, City Hall.

ADJOURNMENT:

Clifton Below moved to adjourn the meeting at 4:07 PM, seconded by Sherry Boschert. Seeing as there were only two members present, the motion passed without conflagration.

Respectfully submitted,

Tad Montgomery

AGENDA
ELECTRIC VEHICLE SUBCOMMITTEE OF THE
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February 8, 2024

AGENDA ITEM 4
NEW BUSINESS:

Lebanon Strategic Plan- Miro Board Comments

Lebanon Strategic Plan Miro Board comments

Draft Strategic Plan for 2024-2027: <https://lebanonnh.gov/1633/Lebanon-Strategic-Plan>

Previous work done on the Miro Board contains a list of action items gathered over the past year: <https://miro.com/app/board/uXjVOgBwfV8=/>

Screen shots of pertinent sections:

Energy: Reduce the GHG emissions produced by City government's activities by transitioning to 100% renewable energy sources by 2050.	5.4.1 Transition fleet to hybrid/electric vehicles DPW 5.4.2 Reduce electric use and transition building to non-fossil fuel sources DPW 5.4.3. Annual Monitoring of GHG emissions & Proposals for additional efforts to reduce emissions DPW	KPI 5.4.1A Complete fleet transition plan for transition to electric vehicles. DPW KPI 5.4.1B Identify locations and seek funding opportunities for charging stations for municipal vehicles DPW KPI 5.4.1C Purchase hybrid/electric for all general purpose vehicles that are slated for replacement DPW KPI 5.4.1D Install charging stations at all city facilities DPW KPI 5.4.2A Implement recommendations from energy audits DPW KPI 5.4.2B Phase II solar projects operational by the end of 2024. DPW KPI 5.4.3A. Provide annual report to City Council (FNU suggested edit - combine this with the following KPI) DPW KPI 5.4.3B Quantify CO₂ GHG emissions and proposed reductions from pending efforts in the context of the 80% reduction goal DPW	CS 5.4.1A Information from Ford indicates transition to all electric vehicles in 2024. Fire and DPW heavy equipment does not have field tested vehicles that meet emission requirements at this time. DPW CS 5.4.1B DPW is monitoring for and writing grants when opportunities are available. Grant submitted by LEAC to public charging station infrastructure DPW CS 5.4.1C Nissan Leaf leased in 2020, purchased in 2023. Ford Lightning pickup truck purchased in 2022. DPW CS 5.4.1D Charging stations installed at City Hall and DPW Admin building. Conduits installed underneath the Police Station parking lot to make ready for future charging stations. EV charging infrastructure planned in the Central Fire Station conceptual plan. DPW CS 5.4.2A Implementation is ongoing DPW CS 5.4.2B Phase I&II solar projects became operational in 2023. Phase III solar projects are in the conceptual stage. DPW CS 5.4.3 Annual report has been done each year DPW
Strategic Objective 5.5	Action Plans	Key Performance Indicators	Status 2023
Energy: Encourage and support communitywide initiatives to transition the community to 100% renewable energy or zero-carbon sources by 2050 in alignment with the Energy Chapter of the City's Master Plan.	5.5.1 Reduce electric use and transition building to non-fossil fuel sources DPW 5.5.2 Through collection development and programming, we increase awareness and access to renewable energy resources and information DPW 5.5.3 Encourage electric customers to opt up to higher renewable energy portfolios through Lebanon Community Power. DPW	KPI 5.5.1 Percentage of community at 100% renewable DPW KPI 5.5.2a Development of mobile e-bike lending program DPW KPI 5.5.2b Seek out and promote renewable energy experts DPW KPI 5.5.2c Increase the libraries' collection of resources on renewable energy DPW KPI 5.5.2D Continue to provide staff support to LEAC and LCP on community outreach activities DPW 5.5.3 25% of Lebanon Community Power customers switch to Clean 50 or Clean 100 by the end of 2024. DPW	KPI 5.5.1 City Government is at 100% by purchasing power from LCP/CPCHH through the Clean 100 program or on site alternative energy generation mostly by solar. The community needs to be evaluated. DPW CS 5.5.2 We are expanding our resources DPW CS 5.5.2D This effort is ongoing DPW CS 5.5.3 Lebanon Community Power initiated service in April 2023 offering opt up renewable energy options, Clean 50 and Clean 100. LEAC and Sustainable Lebanon launched public information campaign to encourage opt up to renewable energy options. DPW
Strategic Objective 7.1	Action Plans	Key Performance Indicators	Status 2023
Public Transit: Support the maintenance and expansion of public transportation availability and use in the Upper Valley.	7.1.1 Partner with Advance Transit to expand existing routes, add weekend service and micro-transit service. Advance Transit City Manager	KPI 7.1.1 Expand service to the Rt. 12A area on Saturdays and into the evening hours during the week for shoppers and workers. Advance Transit City Manager KPI 7.1.1a Conduct micro-transit pilot project to test feasibility. Advance Transit City Manager	CS 7.1.1 Pilot project planned for later 2023 or early 2024. Advance Transit City Manager CS 7.1.1a Limited service presently provided by Uber, Lyft and taxi services. AT reviewing the micro-transit concept and determining whether to conduct a pilot project. Advance Transit City Manager

Suggested feedback for Miro Board:

ENVIRONMENT & SUSTAINABILITY section

Strategic Objective 5.4:

- Change 5.4.1 Action Plan to delete hybrids and read, "Transition Lebanon's fleet to 100% EVs by 2050."

- Add to KPI 5.4.1B: Develop an EV charging infrastructure plan for placement of charging stations at City facilities and in public areas to encourage EV adoption by employees and residents, in accordance with Lebanon's Electric Vehicle and Equipment Procurement Policy.

- Change KPI 5.4.1C to delete "hybrid"

- Change KPI 5.4.1D to "Install operable charging stations at 75% of city facilities by 2028 and 100% by 2050."

- Add KPI 5.4.1E -- Transition Lebanon's fleet to 50% EVs by 2030 and 100% by 2050.

- Add KPI 5.4.1F -- Develop a policy for staff use of municipal EV charging stations by the end of 2024.

- KPI 5.4.1A -- Status 2024: Completed an Electric Vehicle and Equipment Procurement Policy instead of a plan, requiring EV purchases unless staff can present a compelling reason not to choose an EV.

Strategic Objective 5.5:

- KPI 5.5.1a -- (as proposed by Jon and Woody:) Adopt an interim goal of 50% reduction in overall community-wide GHG emissions over 2005 by 2030.

- KPI 5.5.3 -- Given the poor experience here in Lebanon and in other communities in trying to get people to "opt up," a 25% goal is unrealistic. Change this KPI to: Ten percent of Lebanon Community Power customers switch to Clean 50 or Clean 100 by 2027.

- Add Action Plan 5.5.4: Develop or recruit by 2026 an EV carshare program in Lebanon with a particular focus on equity and environmental justice.

- Add KPI 5.5.4: Number of car-share programs contacted and proposals received. Car-share plan developed. Funding acquired. A start date set.

- Add Action Plan 5.5.5: Support existing multi-unit housing developments to install EV charging stations.

- Add KPI 5.5.5: Number of multi-unit housing developments contacted. Number of education events held. Number of EV chargers installed.

- Add Action Plan 5.5.6: Install public e-bike charging stations where reasonable.
- Add KPI 5.5.6: Proposal developed for e-bike charging locations. Number of e-bike chargers installed.

PUBLIC TRANSIT section

- Add Action Plan 7.1.2: Support the transition of public and semi-public fleets (including school buses, senior center buses, etc.) to EVs.
- Add KPI 7.1.2A: Half of public and semi-public fleets electric by 2030 and 100% by 2050.
- Add KPI 7.1.2B: Number of fleet owners contacted, education events conducted, and vehicles transitioned to electric.
- Add Action Plan 7.1.3: Develop or recruit and EV car-share program. (See Action Plan 5.5.4 and KPI 5.5.4.)