

FINAL



LEBANON ENERGY ADVISORY COMMITTEE

ELECTRIC VEHICLE SUBCOMMITTEE

MEETING MINUTES - Final

Council Chambers, City Hall

September 8, 2022

3:00 PM

MEMBERS PRESENT: Sherry Boschert (remote, not practical to attend in person due to being out of state), Greg Ames, Clifton Below

MEMBERS ABSENT: Meghan Butts

STAFF PRESENT: Everett Hammond, Rebecca Owens

GUESTS PRESENT: None.

CALL TO ORDER: Meeting called to order by Sherry Boschert at 3:03 p.m.

APPROVAL OF MINUTES:

Clifton moved to accept the 8/11/2022 minutes as presented; Greg seconded. Approved unanimously.

If any action is taken by the Subcommittee, list motions and votes:

1. **Lebanon's Ford F-150 Lightning Truck & Publicity** – The City took delivery of the F-150 Lightning electric truck on Thursday September 1 and displayed it at the Farmer's Market that afternoon. Response was very enthusiastic.
2. **NH Clean Diesel Program Grants (deadline Sept. 9)** – Tad may have been applying for grants, but he is on vacation. He will report at the main LEAC meeting.
3. **Changing the Planning Dept. site Regulations Re: EV Charging** – Rebecca presented, and the Subcommittee discussed, proposed draft changes to the zoning regulations regarding EV charging (signage, etc.).
4. **EV Infrastructure RFP** – A discussion of how EV charging could address the City's objectives for zoning, development, greenhouse gas reduction, etc. Discussion of locations for installation of public charging (L2) – near centers of employment, dining, shopping. Suggestions of downtown public parking, airport. Much of the employee parking in West Lebanon is in privately-owned lots. Sherry is working on a Google Map showing existing public charging and proposed new locations in all three municipalities working on the combined RFP (Lebanon, Hanover, Hartford).
5. **Police Station Fast Chargers: Estimate of Need** – The City had a meeting with Liberty about the possibility of installing Level 3 DC fast charging at the police station for future electric cruisers.
6. **Winter Event in Lebanon** – Jennifer at Sustainable Lebanon agreed to work with Sherry on event planning.

New Business

1. **Draft letter to Housing Developers, RE: EV Charging** – Sherry would like to draft a letter from the EV Subcommittee to developers working on various projects around the City to encourage them to add EV charging to their projects under development. There was consensus on the Subcommittee to support her in this letter.
2. **Other business/Open to the Public**
 - Multiple EV events were scheduled in communities around the state for National Drive Electric Week. Most were listed on the LEAC EV Subcommittee web page.

ACTION ITEMS: None

NEXT MEETING:

Thursday, October 13th, 3pm, Council Chambers, City Hall.

ADJOURNMENT:

Meeting ended at 3:35 by unanimous consent.

Respectfully submitted,
Gregory Ames
Clerk (Recording Secretary)

Draft letter from the EV Subcommittee to housing developers with projects under review/approved:

Dear (NAME OF DEVELOPER),

The Electric Vehicle (EV) Subcommittee of the Lebanon Energy Advisory Committee would like to discuss your plans for installing EV charging stations, if any, at the housing development(s) that you're constructing at [NAME OF DEVELOPMENT OR LOCATION/DESCRIPTION]. We understand that you are in the permit process or much farther along, i.e., construction is underway. It's not too late to add EV charging. Doing it before you pave rather than later would avoid most of the costs.

Why is this important? The number of EVs registered in New Hampshire increased 265% between 2016 and 2020, according to state data, and appears to be accelerating. Nationwide, EVs already are more than 6% of new vehicle sales. A study by Bloomberg.com called this a "tipping point" that speeds up EV sales. Consider these commitments by the major automakers:

Automaker commitments worldwide

- **Audi:** 20 new EV models by 2025
- **Volvo:** 50% of sales are EVs by 2025
- **General Motors:** 100% EV sales by 2035
- **Jeep:** 4 EV models and 10 plug-in hybrids by 2022
- **Ford:** 16 EV models and 24 plug-in hybrids by 2022
- **Honda:** 2/3 of sales are EVs by 2030
- **Hyundai-Kia:** 8 EV models by 2020
- **Tesla:** All EVs, all the time
- **Toyota:** 10 EV models by early 2020s
- **And a burgeoning market for used EVs**



We'll be seeing more and more people driving EVs very soon, and they will want to charge at home overnight while they sleep. That's where you come in. Housing developments that do not include sufficient EV charging will be at a disadvantage to those that do.

We encourage you to watch this 23-minute presentation by the chair of the EV Subcommittee to the Lebanon Planning Board: <https://lebanonnh.gov/CivicAlerts.aspx?AID=2107>

It includes detailed examples of the costs and considerations for developers to install EV charging stations. **Here's one important take-home message:** Installing EV charging during construction typically adds only 0.3% to 0.5% to construction costs. After construction is completed, retrofitting a site to add EV charging costs 3 to 18 times more than that. Including EV charging in your development now rather than later makes sense both fiscally and environmentally.

Lebanon has set a goal of reducing greenhouse gas emissions in our city to 20% below 1990 levels by 2025, and a reduction of 80% by 2050. Vehicle emissions are the main source of greenhouse gases in New Hampshire and in New England. We must do everything in our power to give people the option of

driving an EV. One of the most important factors is whether or not they can charge at home, including in multifamily housing developments.

For all of these reasons, the City of Lebanon is drafting amendments to its development requirements in order to support EV infrastructure. You can access those draft amendments here:

<https://tinyurl.com/y9nvu49z>

Can we schedule a brief online meeting or phone conversation with you to talk about including EV charging in your development? This is an important issue to Lebanon. We are hoping that our expertise around EVs and your expertise as a developer can mesh to make sure that new housing in Lebanon is ready for the 21st century.

Sincerely,

[NAME(S) AND CONTACT INFO]