



LEESBURG ENVIRONMENTAL ADVISORY COMMISSION

**TUESDAY**  
**August 7, 2018**  
**7:00 P.M.**

Town Hall  
Second Floor Conference  
25 West Market Street

COMMISSIONERS

Maria Bergheim (20)  
Scott Billigmeier (18)  
Brian Burton (20)  
Bobbi Elliott (18)  
Charles Greenough, Chairman (18)  
Bettina Guerre (18)  
Kari Nancy (20)

*If you require a reasonable accommodation to participate in this meeting, please contact Karen Cicalese at 703-771-2434. Three days advance notice is requested. Assisted Listening System devices are available at the meeting.*

# LEESBURG ENVIRONMENTAL ADVISORY COMMISSION

***Mission: To promote and protect the environmental interests of the Town.***

## MEETING AGENDA

**Tuesday, August 7, 2018**

7:00 P.M. Second Floor Conference Room, Town Hall

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes: June 5, 2018\*
4. Chairperson's Statement
5. Committee Member Comments
6. Petitioners
7. Staff items (45 Minutes)
  - a. West Market Triangle
  - b. Keep Leesburg Beautiful
  - c. Weatherization Program\*
8. Old Business (60 Minutes)
  - a. Energy savings Initiative for Town Government (Greenough)
  - b. EV Charging/Solar (Billigmeier/Greenough)\*
  - c. Tree Ordinance (Greenough)
  - d. EAC Portal Update (Billigmeier)
  - e. EAC Strategy Session (Greenough)
9. New Business (15 Minutes)
  - a. EAC Budget (Greenough)
  - b. Committee on Public Art Master Plan Presentation (Minu Beijan)
10. Adjournment

(\*) Material attached



**Town of Leesburg Environmental Advisory Commission  
Meeting Minutes  
June 5, 2018**

The Town of Leesburg's Environmental Advisory Commission (EAC) met on May 1, 2018 at 7:00 p.m. in the Town Hall at 25 West Market St., Leesburg, Virginia.

**Call to Order:** Chairman Greenough called the meeting to order at 7:04 p.m.

**Roll Call:** Present: Commissioners Bergheim, Billigmeier, Elliott, Greenough, Guerre, Nacy (7:05).  
Staff Representatives: Richard Klusek  
Absent: Burton, Elliott

**Approval of Agenda:** A motion to adopt the agenda was approved (4-0-3 Burton, Elliott, Nacy Absent)

**Approval of Minutes:** A motion to adopt the meeting minutes of May 1, 2018 was approved (5-0-2, Burton, Elliott Absent).

**Chairman's Statement:** None.

**Commissioners Comments:** Commissioner Billigmeier commented on the event at Fox Ridge Park and noted that it was a good event. Commissioner Guerre commented on floods in Ellicott City and noted that it was a perfect example of why green space needed to be preserved for storm water control.

**Petitioners:** Minu Beijan spoke about the PACE program and stated that she wanted residents and businesses to be able to financially afford solar power. She also encouraged use of butterfly gardens.

**Staff Items:**

- a. Rain Barrel Workshops: Mr. Klusek provided an update on the past Rain Barrel Workshops and noted that 32 barrels were sold at workshops this year.
- b. EV Charging/Solar: Mr. Klusek noted that the Assistant Town Manager was receptive to Solar Power or EV charging at town facilities and encouraged the EAC to conduct further research and determine feasibility. Commissioners Billigmeier and Greenough will speak to contacts they have.

**Old Business:**

- a. Energy Savings Initiative for Town Government – Commissioner Greenough provided an update on the energy savings initiative. The Commission voted 5-0-2 (Burton, Elliott Absent) to forward the report to the Town Council. Commissioner Greenough will draft a cover memo to be used for a Town Council report.
- b. EV Charging/Solar: Various EAC members will do research and will report findings at future meetings.
- c. Tree Ordinance – No new information discussed
- d. EAC Portal - Commissioner Billigmeier agreed to take over development of the EAC portal. Mr.

Klusek will share the current mock-up with the full EAC. Keep Leesburg beautiful will be added to the portal.

**New Business:**

- a. EAC Budget – The EAC voted 5-0-2 (Burton, Elliott Absent) to transfer \$1000 of funds to DPW or PRCS to fund plantings in the “West Market Street Triangle” subject to the EAC receiving recognition as part of the Keep Leesburg Beautiful program. The EAC also voted 5-0-2 (Burton, Elliott Absent) to use \$1200 to fund Flower and Garden Show supplies.
- b. Schedule – The EAC voted 5-0-2 (Burton, Elliott Absent) to cancel the July meeting of the EAC.
- c. Strategy Session – The EAC discussed the possibility of holding a strategy session to set priorities for the coming year.

**Adjournment:** There being no further business, the meeting was adjourned.

## Richard Klusek

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**From:** Richard Klusek  
**Sent:** Wednesday, August 1, 2018 9:53 AM  
**To:** Richard Klusek  
**Subject:** RE: Free Weatherization Program for Elderly and Needy Non-Seniors

**From:** Robert Lazaro [<mailto:rlazaro@novaregion.org>]  
**Sent:** Friday, July 13, 2018 4:47 PM  
**To:** [mark.jinks@alexandriava.gov](mailto:mark.jinks@alexandriava.gov); [mschwartz@arlingtonva.us](mailto:mschwartz@arlingtonva.us); [bill.ashton@herndon-va.gov](mailto:bill.ashton@herndon-va.gov); [Tim.Hemstreet@loudoun.gov](mailto:Tim.Hemstreet@loudoun.gov); [wshields@fallschurchva.gov](mailto:wshields@fallschurchva.gov); [Manager@viennava.gov](mailto:Manager@viennava.gov); [cmartino@pwcgov.org](mailto:cmartino@pwcgov.org); [Bryan.Hill@fairfaxcounty.gov](mailto:Bryan.Hill@fairfaxcounty.gov); Kaj Dentler <[KDentler@LEESBURGVA.GOV](mailto:KDentler@LEESBURGVA.GOV)>; [rritter@dumfriesva.gov](mailto:rritter@dumfriesva.gov); [townadmin@middleburgva.gov](mailto:townadmin@middleburgva.gov)  
**Cc:** Lesley Crowther Fore <[lesley@leap-va.org](mailto:lesley@leap-va.org)>; Ryan Van Patten <[ryan@leap-va.org](mailto:ryan@leap-va.org)>  
**Subject:** Free Weatherization Program for Elderly and Needy Non-Seniors

Dear Colleagues,

As you know, we have been working with our not-for-profit partner, the Local Energy Alliance Program (LEAP), to help inform residents about weatherization programs that they may be eligible to participate in. To date, our partners at LEAP have completed 19 multi-family weatherization projects in Northern Virginia positively impacting 1,428+ families. Projects have been located in Alexandria, Purcellville, Dumfries, Arlington, Annandale, Herndon and Reston.

The weatherization program is funded through Dominion Energy and participation is based upon the age and income of the resident. Details as to age and income requirements can be found at the following link: <http://leap-va.org/services/weatherization/> **Residents must be Dominion Energy customers.**

I have already shared this information with our Commissioners, but wanted to make you aware so you can share with appropriate staff, etc. to see how we can help additional families in the region. This program is FREE to eligible families. Single family homes, multi-family homes (apartments or condos) and mobile homes all qualify.

These programs provide money-saving services at no cost to qualified owners and renters, or landlords and property managers whose residents qualify. Single-family homes, multi-family homes (apartments or condos), and mobile homes all qualify. To help save on energy costs, qualifying Dominion customers will receive a free energy assessment and free energy-saving measures that may include:


- ENERGY STAR® qualified LED light bulbs
- Efficient, low-flow showerheads
- Efficient, low-flow faucet aerators
- Pipe wrap insulation for hot water pipes
- Attic insulation and air sealing

I have taken the liberty of copying Ryan and Lesley from the LEAP team on this email so that you can direct any questions to them.

With kind regards,

Bob

Robert W. Lazaro, Jr.  
Executive Director  
Northern Virginia Regional Commission  
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Fairfax, VA 22031  
[www.novaregion.org](http://www.novaregion.org)  
703.642.0700  
540.238.7715 (cell)

Follow us on:  

## Richard Klusek

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**From:** Scott Billigmeier <sbmeier@verizon.net>  
**Sent:** Wednesday, July 25, 2018 5:51 PM  
**To:** EAC  
**Subject:** Solar Research Update  
**Attachments:** solar-carport-2.png; solar-carport-3.png

Folks,

At our last meeting, I took the task of looking into EV charging stations and/or if they can be bundled with Solar Canopies. Like any topic relating to emerging technology, achieving competency is to chase a moving target. I've collected a lot of information which I won't bore you with right now.

The gist of our question, as I remember it, was whether it was reasonably affordable to establish an EV charging station in say, the Town Garage, as a public service and proof of concept?

**The answer is no!** The EV charging stations themselves are not exorbitantly priced beginning at perhaps \$3K for a one port, Level 1 (120 volt charger) to maybe \$25K for a Level 3 (480 volt). The real cost is tunneling and cabling to a suitable power source. PG&E is using Jacobs on a very large project in California and the rule of thumb for a **completely installed Level 2 EV station is \$250K per**. This leverages conventional power and not solar. Level 1 is comparatively easy to install, even retrofit, but the charging times are much longer than the usual work day.

The next question was whether an EV station could be connected to a Solar Canopy and, if so, whether that was more cost effective? Our example Use Case was a Canopy on top of the Town Parking garage that would feed one or more EV stations elsewhere in the garage.

This is a two-part answer. **Yes, Solar Canopies can be connected to and supply EV charging stations** (see attached photos). Is it less expensive? I think it probably is but I haven't gotten a precise answer on that. My feeling is that it's analogous to the price difference between First and Business Class. There are no truly affordable Economy options but for the handy homeowner who is perfectly fine with his or her car charging overnight.

I have the names of top vendors for both EVs and Canopies and objective sources that we can tap for more information. Thus far, I have not located any programs or companies willing to install for little to no cost. Now that I know the cost involved, it is clear why.

Please let me know if you have any questions.

Scott





