

SolarizeCars-Blacksburg

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Solarize-Blacksburg, now named Energize-Blacksburg (<http://energizeblacksburg.org/>), through bulk buying of solar PV equipment and mass installation, enabled 55 houses in Blacksburg, Virginia to install solar PV systems. A later Solarize-Montgomery project enabled many more homes in Blacksburg and Montgomery County to install solar PV systems.

The Solarize-Blacksburg project led to many more towns and cities in Virginia to have solarize projects; e.g., Solarize-Charlottesville (<http://solarizeville.org/>) and Solarize-Richmond-Region (<http://www.solarizerva.org/>).

This is a proposal to extend the Solarize-Blacksburg project to include SolarizeCars-Blacksburg. This extended project could have the following features:

- The ~200-miles battery electric cars (BEVs) that will become available in 2017 and 2018 would be the cars involved. Three mid-sized BEVs expected to be available then are:

- Chevrolet Bolt (<http://www.chevrolet.com/culture/article/bolt-ev-concept-car.html>)



- Tesla Model 3 (<http://www.pluginCars.com/tesla-model-3>)



- Nissan LEAF ? (<http://cleantechnica.com/2015/10/30/nissan-spills-details-60-kwh-leaf-advanced-technology-center/>)

- Negotiations would be made with dealers to lease or buy many ~200-miles electric cars at a reduced price.
- House owners in the Solarize-Blacksburg and Solarize-Montgomery projects and other interested persons can lease or buy the SolarizeCars-Blacksburg cars at the reduced price. Thus, the “fuel” for the cars could be solar electricity, not coal or natural gas causing global warming.
- Negotiations would be made with companies that sell level-2 240-volts AC charging stations to buy many of them for the project, to be installed in driveways or garages of SolarizeCars-Blacksburg and other participants.

An example of such a project is Solar Benefits Colorado (<http://www.mygroupenergy.com/group/colorado>) with amazing results (163 Nissan LEAFs leased/sold). I am proposing the longer-range BEVs that will be available in 2017-2018 at similar prices to the upper-level LEAFs now; perhaps the project could include the lower-range Nissan LEAFs and other BEVs. I propose ~200-miles BEVs because they will allow easy trips to Roanoke from Blacksburg.

I would be wonderful having dozens of BEVs going around Blacksburg!

I am proposing that a planning committee of Solarize-Blacksburg planners, BEV drivers and BEV dealers be formed to plan this project for 2017-2018. I would be glad to have a major role in this project.

References:

- http://blog.rmi.org/blog_2015_10_29_what_electric_vehicles_can_learn_from_the_solar_market
- http://www.dailycamera.com/boulder-county-news/ci_28702023/boulder-county-offer-discounted-solar-panels-electric-cars

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