

FYI. The urls below are to the articles Trustee Stern refers to in his email. JM

<http://www.fool.com/investing/2016/11/19/no-teslas-solar-roof-will-not-cost-the-same-as-a-t.aspx>

<http://news.energysage.com/should-i-wait-for-tesla-solar-roof/>

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-----Original Message-----

From: william stern

To: jessica.kourakos ; Deborah Pekarek; Marc Samwick; Matt Callaghan; Carl Finger; Jane Veron; Jon Mark

Sent: Sun, Jan 15, 2017 10:35 pm

Subject: Fw: Fwd: Solar Policy & Permitting Guidance

Hi Ms. Kourakos:

Thanks for your letter in response to the CAC solar study. As chairman of the Village sustainability committee I would like to comment both on the CAC report and on your letter: The purpose of the Sustainability Committee's initiative to encourage the BAR to approve front facing solar panels or solar panels visible from the street and in the case of side facing panels was simply to make Scarsdale more green. The CAC was asked to report on this. Although their report was thorough and accurate I too have some issues with it. First I am against taking the approval process out of the hands of the BAR.

Second: I am against solar installations on the ground, taking up green space.

While it is true that front or side facing solar panels are not the ideal architectural aesthetic feature of a house the benefit to the environment and the greater good is undeniable. Front facing solar panels would help to increase the proliferation of solar electric and green energy in Scarsdale thus benefiting every one and future generations. Waiting for solar roof tiles from Solar city is right now a pipe dream and would push back the green initiative by many years. I watched the Solar City-Musk pitch and have to say that in my professional opinion the timing and cost presented is highly optimistic and not realistic. Current evaluation by others (see two separate email critiques) and myself conclude that Musk severely over estimates the availability and underestimates the cost. I am an electrical engineer and physicist by training and very familiar with the technology. Their factory for mass production of the roof tile solar panels has yet to be built, let alone produce roof tiles in mass quantity. One day it might be a great solution but not in the next few years.

I myself have a 6KW solar installation installed March 7 2012. To date it has generated 24.351 MegaWatts and saved the environment from 27 tons of CO2 emissions. This is equivalent to not

driving a car 54,000 miles. Think of the asthma and global warming burden it has reduced.

The claims of Solar City of the cost of the installation being the equivalent to putting on a new roof are not realistic. If you read the fine print they include in the cost of the roof the savings in electricity.

No doubt as with any new product it is one thing to build something in a pilot project and another to mass produce it.

Many solar installations do not require new roofs so the homeowner would be penalized if the BAR allows only roof tile type installations for front or side facing projects.

It is true that there are many installers who just "slap on" the solar panels without regards to uniformity or aesthetics. The BAR should certainly make sure that they are put on in the best way possible.

It is the consensus of the Sustainability committee that the BAR should make the approval of front and side facing panels as easy as rear facing ones and not discriminate between the type of installation as long as they are put on in the best way.. We hope that you implement this as soon as possible.

Please pass this on to your fellow BAR members.

Best regards,

Bill Stern

Trustee and Chairman of the Sustainability . Committee.. .