From: Susan LaBudde
To: Hatala, Carlen; Elmer, Linda
Subject: Item for audio-visual Monday HPC
Date: Friday, November 01, 2019 8:13:28 AM
Attachments: IMG_2397.PNG
IMG_2398.PNG

Greetings Ladies,

Hope your commute was uneventful (I still have shorts in my To Fold pile).

I can't recall the name of your colleague who does audio-visual for HPC hearings.

Could you please forward the 2 photo attachments to him?

I'd like to have these displayed so I can refer to them at Monday's HPC hearing.

If there is an issue w that please let me know.

Also, Carlen could you please bring to the hearing the paper file for the solar project on Grant Blvd Earlier this year? I'll get you the COA number later today.

Best regards,
Susan

Thanks,
Susan La BUDDE

Begin forwarded message:

> **From:** Susan LaBudde <lovemydawgs@icloud.com>
> **Date:** October 15, 2019 at 7:31:24 PM CDT
> **To:** Carlen Hatala <chatal@milwaukee.gov>
> **Cc:** LoveMyDawgs <lovemydawgs@icloud.com>
> **Subject: TPS guidelines blessing visible, but low impact solar on side and front roofs**
>
> Hi Carlen
> In reviewing the solar project on Grant blvd from earlier this year I note that Tim refers to the TPS guidelines promulgated by the national,parks dept.
>
> These are guidelines only, are not laws that are enacted in or by Wisconsin. To the extent of any conflict, they are superseded by wis stat 66.0401. (The same is true for the version of the Guidelines the HPC uses.... the section on solar on roofs is outdated and inaccurate bc it is superseded by 66.0401).
>
> However it's interesting to note that the TPS guidelines do not state an absolute prohibition on front and side solar projects and accommodate solar systems that are on "low slope" gable roofs, such as mine. (As you see from the DNS photos you have, my roof is so flat/ low sloped that you can't even see my 2 modest ST from the middle of the street, or from my sidewalk....just from a narrow range of view from the sidewalk across the street. (See also Attorney Dave Reicher's letter from last Year).
>
> The TOS also explicitly blesses front facing solar if it is visible but low Impact and not "conspicuous ". Again, I invite you to look at the photos of my project or,

better yet, drive out and look at how “truly minor “ they are (as prof Jarosz agreed, before Baumann got to him). They project just an inch or two more than the various pan vents and other vent pipes nearby.

Additionally:
My two TP are on a low slope roof,
they are set on a side roof,
They are sent fairly far back from the street
Unlike big solar panels, they together occupy just 2 sq ft or roof surface.... on a 540 sq ft roof.
They are unusual in shape but are no more “conspicuous “ than, say the large onion dome vent on Dawn McCarthy’s roof—-or her stack pipe rising 2-3 ft higher than her roof peak.
They are way way less conspicuous than the giant roof mounted air conditioner on the front roof down the street on terrace (citation in my materials).

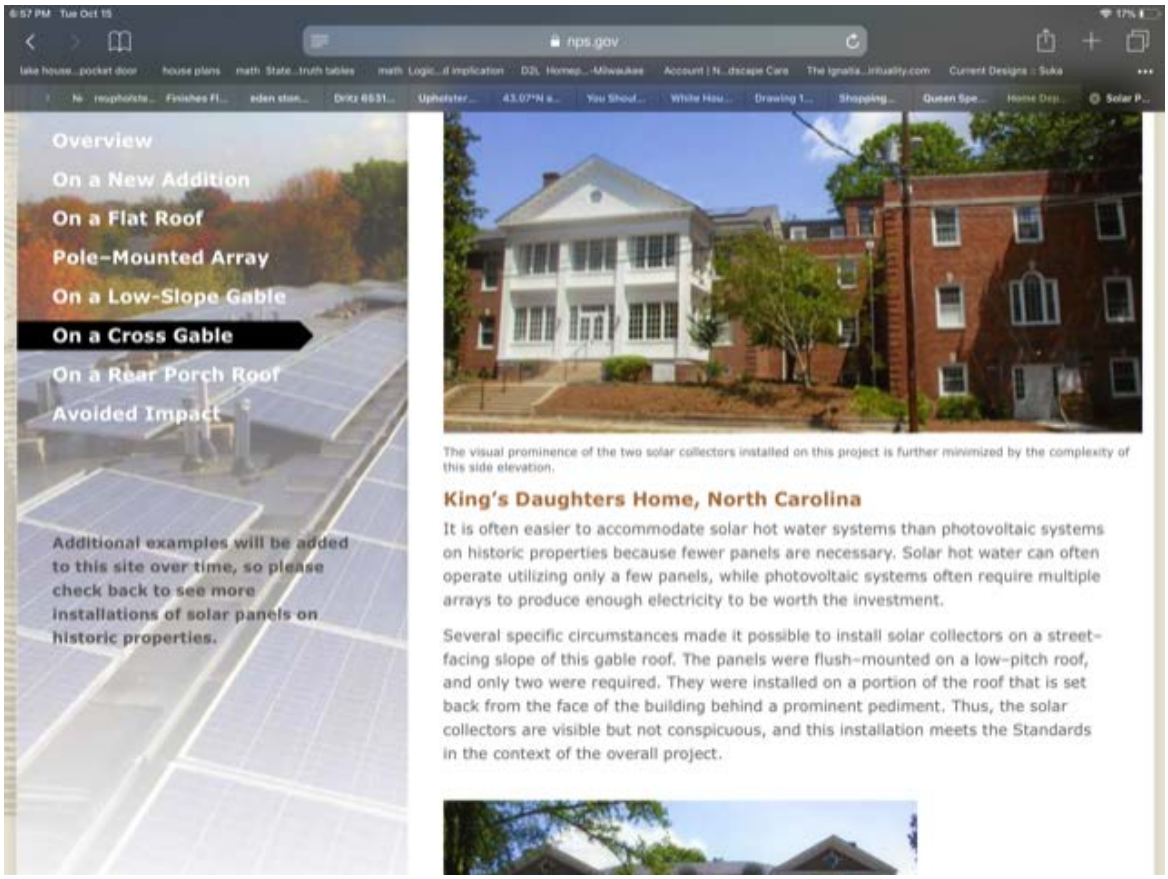
They are minimal, low visibility and unobtrusive

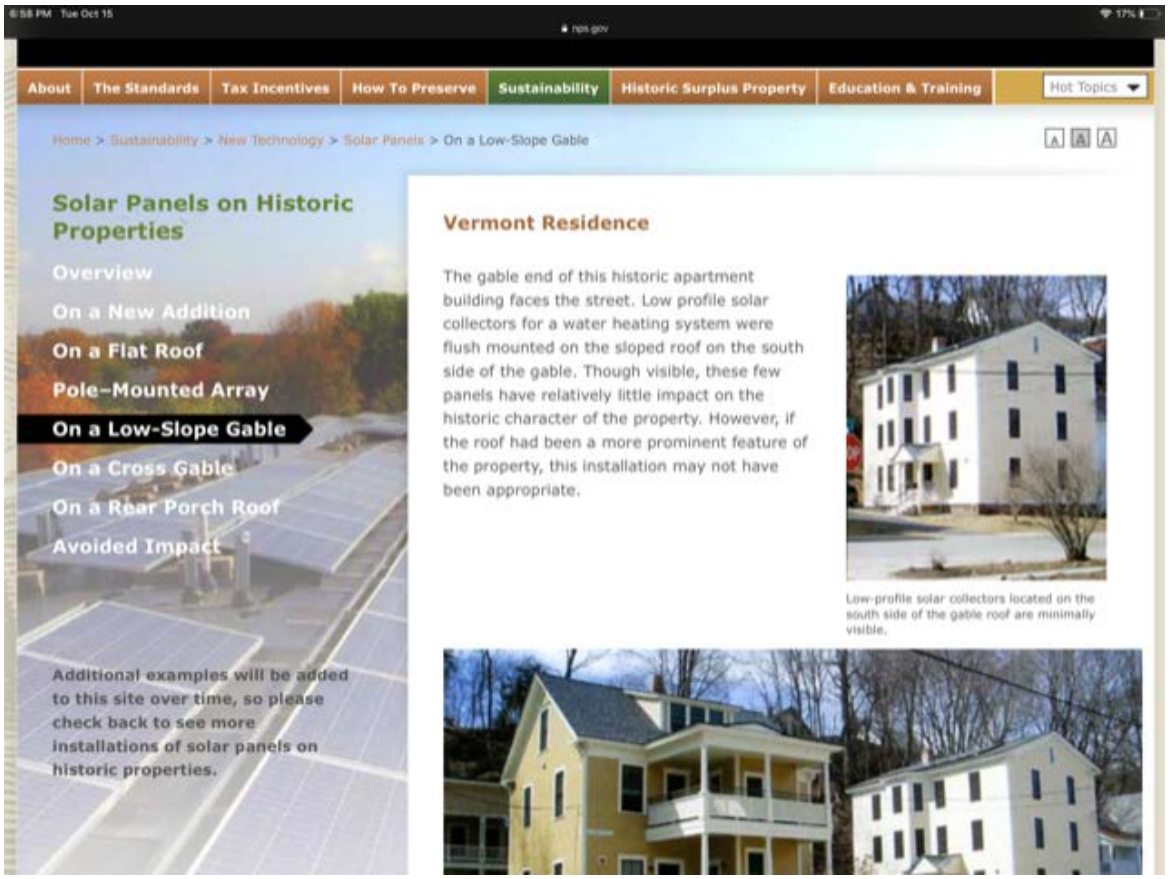
Their location in the center of the rooms they serve directly affect their efficiency. Because of the hi tech ducting/reflective material, the duct work is among the most expensive part. For example trying to duct them to the back would cost thousands and thousands of dollars and quintuple the original cost, if not more (one of my experts will discuss this).

I think it also important to take note that in recent years the urgency of climate change and effects of global warming are coming to the fore unlike never before.

Every rational world leader understands time is running out to reverse the dire effects of climate change. I respectfully note that I’m trying to do my small part.

Wisconsin law as Plainly and fairly applied, protect my project under sec 64.0401. My project also falls within the flexibility shown under the TPS guidelines for visible but low impact solar projects, esp for residences where the roof its4lf is not a “prominent feature” of the particular historic property; for our condos, the walls of glass/windows and our stark/simple brick design are what stand out and define our style.


nps.gov
Overview
On a New Addition
On a Flat Roof
Pole-Mounted Array
On a Low-Slope Gable
On a Cross Gable
On a Rear Porch Roof
Avoided Impact
Additional examples will be added to this site over time, so please check back to see more installations of solar panels on historic properties.
The visual prominence of the two solar collectors installed on this project is further minimized by the complexity of this side elevation.
King's Daughters Home, North Carolina
It is often easier to accommodate solar hot water systems than photovoltaic systems on historic properties because fewer panels are necessary. Solar hot water can often operate utilizing only a few panels, while photovoltaic systems often require multiple arrays to produce enough electricity to be worth the investment.
Several specific circumstances made it possible to install solar collectors on a street-facing slope of this gable roof. The panels were flush-mounted on a low-pitch roof, and only two were required. They were installed on a portion of the roof that is set back from the face of the building behind a prominent pediment. Thus, the solar collectors are visible but not conspicuous, and this installation meets the Standards in the context of the overall project.



Best regards,
Susan
Thanks,
Susan La BUDDE