

I find it important to pass this bill HB 5412. For three reasons:

1. It will make Photo-Voltaic energy accessible to more people, for reasons you have already heard from many people

2. It will also make the storage of energy for night-time use accessible to more people. The advent of storage facilities will play an important role to protect against the interruption of commercial electricity during big storms..The most popular storage means presently available are electric, batteries. But they are expensive (in order to provide approximately 20 kWh per household per 24 hours), need maintenance, and could cause fires.. Hence sharing the cost and maintenance will facilitate the use of batteries, make them cheaper when mass-produced, and make the use of solar or wind collectors more widespread, This will enhance the resiliency of people in the advent of big storms, when the power lines are down.

3. The sharing of renewable energy collectors, together with energy storage devices, will lead to the building of cluster houses. This form of living will be environmentally more .sustainable, and hence very desirable.

Sincerely yours,--
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I am a resident of Mansfield for more than 40 years, and an emeritus Physics Professor at the University of Connecticut