

Dunbarton Energy Committee Meeting Minutes, March 15, 2021 (Virtual meeting)

Members Present: Dana Lavoie, Bob Ray, Mike Kaminski, David Elberfeld, George Holt, John Stevens

Public: None

Meeting opened at 7:15 PM

1. Public comment: None
2. February 22 minutes approved
3. Town Solar Transfer Station system:
 - All panels are now operational
 - System output 355 Kw
 - Dana will have the one-year system performance data shortly
4. School solar hot water system:
 - George will re-wire the sensor wire at the panels at the roof when weather permits, problem is likely a corroded/damaged wire.
 - We are looking at replacing the existing non-operating internet connection module. We will also look at an alternate supplier. Probable cost about \$500.
5. School solar electric system:
 - Dana will begin working with options and potential vendors.
 - George asked whether the panels need to be mounted on the school lot or at some remote location. George will look at potential electric payback/cost savings with Eversource.
6. Potential school energy savings:
 - Hot water for sinks in classrooms, kitchen and bathrooms: replace existing recirculating system with local water heaters.
 - Reduce heat loss from windows; Seal around window framing and possible use of inside storms depending on emergency exit needs, may be able to cover up to $\frac{3}{4}$ of window area.
 - John will contact Jeff Trexler for wall insulation present and other potential energy savings.
7. Home solar system questions from residents
 - Financing methods analysis; finance, lease, power purchase agreement or buy outright with cash or home equity loan.
 - It is best for homeowner to own the system. Look at differences between purchase vs no up-front cost approaches.
 - Set up resident tours of installed systems. Dana and George offered their installations for tours.

Meeting adjourned at 8:13 PM

Next meeting: April 19, 2021

Respectfully submitted: John Stevens