Sustainable Hanover Committee: Energy sub-committee
Meets monthly on the 4th Thursday
Minutes: October 26, 2017 meeting, 3:00-4:00pm in the Town Hall

Members (“A” for in attendance)

| A  | Yolanda Baumgartner (co-chair) | Ian Marcus |
| A  | Stowe Beam                    | A David McManus |
| A  | Judi Colla                    | A Honor Passow |
| A  | Julia Griffin (Town Manager)  | Jackie Richter-Menge |
| A  | Mike Hillinger                | A Marjorie Rogalski (co-chair) |
| A  | Rob Houseman (Director, Planning & Zoning) | A April Salas |
| A  | Peter Kulbacki (Director, Public Works) | A Ally Samuell |

Guest
- Peter Gish, Managing Director of First Summit Energy described a net zero project on his home at 37 Rayton Road
  - He and his wife are involved with The Climate Group.
  - Could come back another time to tell us how we could make what we are doing go into something more global.
  - Rebuilding a home with no combustion whatsoever, using heat pumps and battery backup (Tesla Power Wall sized to be off grid as much as possible), and a “smart” 320 watt micro inverter by Apparent as small as a book that exports AC power and talks to a server in California. Planning to track home performance. Planning to have open houses for Hanover residents. Up to a couple of hundred kilowatts, the system he is installing makes economic sense.
  - With this solid state micro inverter, production is higher than a traditional string inverter.
  - Depending on volumes, $114 per inverter, solid state with no capacitors, 20 year life
  - Group buying could help with pricing for installing solar panels to drive down cost of watt hour installed.

Discussion
- This week, we spoke with several outside experts
  - Walt Donzila, Director of Business Development at Celtic Energy
  - Dan Kalafatas, founder and Chairman of 3 Degrees
    [https://3degreesinc.com/](https://3degreesinc.com/)
  - Peter Gish, Managing Director of First Summit Energy
  - Donald Perrin, NH’s State Energy Manager

- Now we need a plan for moving forward with our work, which will include breaking down tasks, prioritizing, and choosing target audiences.
  - Action item: Yolanda is scheduling meetings for a work group to meet twice during November before our next meeting.

Meeting ended at about 4pm
Minutes submitted by Honor Passow for review by the committee