Members in attendance:
Anil Navkal
Amy Latva-Kokko
Zona Sharfman

Also in attendance:
Maria Bartlett
Steve Prichard
Jon Unger
Harry Voorhees
Brad Wheeden
Beth Rasmussen
Don Schroeder

1. Several people have applied to be members of AGAB, including
   ○ Jon Unger, Harry Voorhees, Maria Bartlett, Steve Pritchard and Ilhan Avcioglu
   ○ Individuals should follow up with Town to see status, Amy will also do so.
   ○ Town is receptive to participation and encourages active citizens asking “Can we help you do this job better?”

2. May 28th Meeting minutes approved.
   ○ It was noted April 2nd meeting minutes were not posted. However, they are, just under March 26th, the date the meeting was originally to be held. ([link])

3. The Town Manager and Select board meeting dated June 11, 2019: Select
board added Sustainability Goals for the Town. Town manager to come up with a master plan. He has expressed a need to hire a person to head the efforts. (Anil and Amy)

4. 2021 International Codes Council Codes update (Amy)
   - As a municipal entity, AGAB has registered Amy as a voting member on the 2021 code. Three more members of the board can vote, but need to be designated by September.
   - Board of Building Regulations and Standards (BBRS) has decided that the 10th edition of the Massachusetts building code will utilise the 2021 International Code Council, thereby catching Massachusetts up to the most current edition of international code. [Summary here from Boston Society of Architects](#)
   - Overall discussion of various guidelines (carrots, whereas codes are akin to sticks) - Living Building Challenge (LBC), Leadership in Energy and Environmental Design (LEED) were discussed.

5. Andover Community Choice Aggregation: [andovercca.org](http://andovercca.org) (Anil)
   - Anil walked through the above website and the various resources that have been assembled there
   - Bulk purchase for town
   - 150 Towns have done it in Massachusetts
   - Process takes ~ 1 year.
   - The process requires Town Meeting approval by more than 50% majority
   - Outreach will be multifaceted - fliers, open meetings, social media.
   - Clean Energy Standard (CES) sets a minimum percentage of electricity sales that utilities and competitive retail suppliers must procure from clean energy sources. The minimum percentage begins at 16% in 2018, and increases 2% annually to 80% in 2050. ([Link](http://link))
   - Currently, the national grid basic electricity has 25% carbon free energy if you include nuclear. Without nuclear, it is 21% renewable energy ([link](http://link))

6. Microgrid technology and its usefulness in increasing Andover's resiliency - Report on Schneider meeting (Anil)
   - A microgrid is an energy system that can function as an island- if the grid goes out, it will continue to operate
   - This would be a great resource for resilience for the town.
   - At its facility at 800 Federal Street, Schneider has a microgrid with PV, battery and natural gas back up.
   - They will review opportunities for making Town Hall a microgrid
   - They requested gas bills and energy consumption (on a 15 minute interval) in order to access requirements.
   - Another company with headquarters in town is ENEL, one of the world’s largest renewable energy suppliers.
Roof mounted PV is coming in at around a 5-7 year payback period

There was a draft resiliency plan based on what the State will give to the Town, and one recommendation was to buy land near the river to allow for overflooding of the Shawsheen and Merrimack Rivers.

7. Solar Energy By-Law update (Anil)
   - The Town received the designation SolSmart Bronze (plaque is in the basement- can that be somewhere more prominent)
   - One reason it did not get SolSmart Gold is that there was no solar by law
   - August 2017 draft language from Meister Consultants Group. Shared Google drive documents
   - The Town has asked Kalee Whitehouse <Kalee.Whitehouse@cadmusgroup.com> to review the draft language for edits to Section 3.1.3 in regard to Ground mounted solar arrays.
   - The category for carport needs to be defined.
   - Suggested scales of photovoltaics -
     - Small <= 1750 sf
     - Medium > 1750, <= 40,000 sf
     - Large > 40,000 sf
   - Zoning code SRC is 2 acres and up. Medium system in SRC zone only with PB approval.
   - Medium system not allowed in SRA and SRB
   - Clearly indicate Andover welcomes solar systems
   - Comments from non-board members included consideration for light pollution from site lighting (that there be cut-off light fixtures from arrays, if night lighting required)
   - Concord requires a special permit for over 250 kW and 5 acres. They also have setbacks and visual barrier requirements.
   - This discussion was on-going at 8:58 and the Chair said the topic would have to continue at the next meeting, and would be item 3 on the agenda.

8. Press release tabled until next meeting, which is July 23rd, 7pm.

Meeting ended at 9pm.