

Clean Energy Technology Subcommittee Meeting 7/21/2020

[Presentation for meeting](#)

Subcommittee Participants:

- Diana Hall
- Ruth Smith
- Sean Sullivan
- Richard Smith
- Bill Gage
- PJ Klein
- Robert O'Quinn
- Molly Davis

Guests:

- Tanya Evans - Duke
- Robert Parker - Cape Fear Solar

Goal of the meeting is to define the mission/objectives and define our charter

What is the purpose of the TF Charter?

- Research
- Study best practices and make recommendations
- City already has Greenhouse gas charter, our goal is to focus on viable renewable energy
- Energy efficiency is the number 1 goal
- What is the most viable renewable solution
- What are best practices for efficiency and use renewables in the future
- What is viable and renewable for the future?

Talk to David for clarification about:

- What does viable mean? What does the city require as a payback?
- Can we get into the committee with the grant proposal(reword)
- What is the financial limitation of this
- Look at how and where the energy is being used
- Presentation lacks detail on what was actually done already to reduce energy usage.

Overall Questions and ideas:

- Batteries
- What is controllable by the city itself?
- Legality we are a go for Solar in NC

Notes:

- Recommend that an energy audit be completed, Tanya Evans is offering to complete one
- Can we investigate offshore wind? Can we promote it as a city? Worry about capital expenditures. Renewable energy is a job creator. Especially offshore wind
- Robert Parker offered to create a cost estimate for city buildings what is viable, generation potential and cost.
- There was a lot of discussion about possibilities and how deep we should delve into the options. We have some questions about whether the city wants us to shoot for the moon or be realistic. Are we just

giving our blessing to pursue Climate Change reduction tactics or are we actually presenting ideas to make real change in the city?

- Bill Gage discussed low hanging fruit : example: Look at efficiency of bus routes and maybe planting trees.

Additions to the presentation:

- Look at what technologies are viable for the city to promote/encourage development
- Understand the current energy usage - have Duke do an energy audit and cape fear solar can assist with the potential on city owned facilities
- Determine energy efficiency opportunities in building operations.