

Mark, Dakota & Karen  
December 19, 2018 10:00a.m. meeting

Rob Fish- data processing  
Manager, VT Community Energy Dashboard

Are we part of a regional municipal plan?

People at NVDA - Allison- meet with the expert

Irene Nagel basically wrote the bylaws- Mark took everything that was in red and made changes to a document that was already completed.

Act 46- Allison Lowe- get in touch with her (phone call on 12/19/18)

Is there a template for writing these energy plans?

Allison Lowe- templates and drafts can be provided, fairly canned (provides technical assistance) (town of Peacham is already establishing there's--- shared resources or partnerships with Peacham??? - possible benefit to them, as they are under 1000 residents, the threshold for participation in some grant programs)

Grant program going out- application due mid January (technical assistance- a model community in climate-economy - available to town with 1,000 or more or participate as a consortium with Peacham)- sending Dakota the link- webinar on Friday afternoon- making a tie to economic development

Next step- perhaps meet with Allison Sit down with whole planning commission to identify everything we need to look at and see how it overlaps (compact dense development, charging station infrastructure, etc...overlap exists)

Meet with Dakota, Mark, and Karen first and then they can present to the zoning planning board at another date

Already developed data on individual towns- Barnet included (used same methodology that sounds reasonable for each town)

Thermal includes water and space (most VT uses more than one source)- assumptions are a bit sketchy- included to revise thermal estimates down a bit for Barnet

Plan sections- energy- and then appendix A (explains methodology) and then Barnet should be on page 7

Data is not static- new data is available, but follows the same methodology- has better information on what is registered.

Appendix B is the targets

Crowdsource information about geothermal, heat pumps, etc. Self-reporting is key- a demo could be provided by Rob Fish perhaps?

Paul Markowitz- regional roundtable in early 2019 (Efficiency VT and outreach for Button Up): various groups get together and share ideas and strengthen each other- what kind of skills would you like to see covered at this roundtable?- Ideas about how towns have successfully gotten people to work on home energy efficiency -how to write this plan-establishing realistic targets

Go to land use and then click energy: Don't know where to start, click here! (new guidance document) <http://nvda.net/files/energy-planning.pdf>

Timeline- depends on the community & the politics within- if people are doing from more of hypothetical interest- Westmore, for example, has met twice and have a fairly complete draft. Craftsbury, taken nearly two years- there isn't any zoning in that town so it's taken longer

Section 248- renewable energy is exempt from local zoning and it goes before public utility commission - review process has given due consideration to town plans, the problem is that due consideration is not defined in a statute. Towns would write plans thinking it had some teeth in the review process, only to find certain objections ignored or invalidated. Policies will be taken at face value if the plan meets certain standards- for example, if it addressed energy use estimates across all three sections. Potential pathways to get to the 90 by 2050... looks at both plans and complement each other.

Green Mountain Power- **3 phase power**- large energy installation needs reasonable access Washington Electric

More energy than we consume is generated and what doesn't get used- gets transferred out of region and export line can only handle so much- ends up getting shut down (need large energy corridors)---is the energy going to stay local, or is it going to Boston and NY

Won't support renewable energy development that has the effect of simply replacing one form of energy with another- proposed solutions in the plan- not just shipping out more energy

Is state addressing this in any way? A group that meets at state to address this- not just one solution, but no policy statements as of yet

The more we can transfer to electricity, the more we leverage- fuel switching is a huge part of the process. Wood is such a part of our culture, that people might not be willing to abandon it. Feels like a paradox--using electricity wisely and doing it through equipment upgrades-retrofitting is still an important part of the energy picture.

\*\*\*Before the next meeting review document Allison sent and looks at: General concepts about targets and fuel switching and think about what strategies would be feasible for Barnet. What's realistic for Barnet? Also look the Municipal Guide

**January 24th- Allison at 3:30 (meet in her office in St. Johnsbury)**

**January 17th meeting at 3:45 Dakota's house**

-Allison will send a link about model communities and grant program itself

\*\*Ben Luce