

From: Springer, Darren [Darren.Springer@state.vt.us]
Sent: Wednesday, April 22, 2015 9:26 AM
To: Christopher Bray
Subject: Fwd: draft amendment... and notes on
Attachments: CEP and Statutory Targets for Energy 04-14-15.docx; ATT00001.htm

Some additional thoughts on siting work group from Anne and me.
Thanks
Darren

Sent from my iPhone

Begin forwarded message:

- I would suggest language requiring that the various stakeholders on the Working Group should all possess a working knowledge of the 248 process. The process will greatly benefit from having a panel that isn't starting from scratch in terms of their knowledge base.
- Should the Working Group include a utility representative? Not sure just having a REV appointee there is representative of the spectrum of applicant types
- Study issue #2 should include the role and standing of regional plans as well
- Study issue #4 seems too specific; would suggest something more along the lines of, "intervention process and the roles and responsibilities of intervenors"
- Study issue #6 needs more specificity if it's a VGS issue this is meant to address, because there are people who will think this means emissions lifecycle costs/benefit analysis
- Something related to studying the processes for different sizes and types of projects might be good.
- should there be reference to state energy goals, to create a framework for the review?

From: Springer, Darren
Sent: Monday, April 20, 2015 10:52 PM
To: Margolis, Anne
Subject: Fwd: draft amendment... and notes on

Sent from my iPhone

Begin forwarded message:

From: "Springer, Darren" <Darren.Springer@state.vt.us>
Date: April 20, 2015 at 8:29:00 PM EDT

To: Christopher Bray <CBray@leg.state.vt.us>
Subject: RE: draft amendment... and notes on

Thanks Chris, good talking with you as well. Here are a few preliminary and hopefully helpful thoughts on the draft and comments below:

- It seems the working group is really being tasked with three distinct issues to look at, based on page 3: PSB process, renewable energy siting, and VGS utility issues. I think if the goal is to produce siting legislation that has significant consensus the focus ought to be more squarely on the siting process, with some corollary focus on PSB processes where needed.
- To that same point, I have provided testimony to House Natural Resources regarding opportunities to incentivize good siting practices through the net metering and standard offer programs. They have included some ideas there in their bill. I think having one of the bullets on page 3 discuss something along the lines of "opportunities to incentivize siting in locations such as brownfields, landfills, rooftops, parking lots, developed industrial or commercial sites, gravel pits, etc." could be helpful and positive. I would also add a bullet looking at something like "removing barriers to co-locating net metering projects in appropriate locations" which could encompass the solar park idea from New Haven.
- As for membership in the working group, I do wonder if it is necessary to have Vermont Planners Association, given that you already have VAPDA and VLCT? I would assume the group will consult the Planners Association and others.
- I think that perhaps having a representative of a town energy committee, appointed by VECAN could be a good potential addition, if you are looking for more local citizen input.

That's all I have for now, but happy to talk further and I am sure Anne Margolis would have some thoughts if you'd like me to share with her at the appropriate point. She has covered siting for us for several years and worked with the siting commission.

Thanks,
Darren

From: Christopher Bray [CBray@leg.state.vt.us]
Sent: Monday, April 20, 2015 7:18 PM

To: Springer, Darren
Subject: draft amendment... and notes on

Darren,
Good to talk with you just now.
Here's the draft legislation and some notes that I send along with it
to Michael Dworkin.
See you tomorrow.
Best,
--C
—C

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RE AMENDMENT

The first draft of the amendment from Aaron Adler is attached. It
really has two elements that I would especially value your analysis
on:

- * the composition of the working group; and
- * the charge to the group (now laid out as a list of topics to
consider).

My concerns on the working group membership center around
getting a knowledgeable group of stakeholders; you'll see Aaron's
first draft language, which is a little different than what I said, e.g.
when I said expertise in PSB proceedings including municipal and
regional planners, he proposed the following:

(6) a representative of the Vermont League of Cities and Towns, appointed by the
League;

(7) a representative of the Vermont Planners Association, appointed by that Association;

(8) a representative of the Vermont Association of Planning and Development Agencies,
appointed by that Association;

This may be aptly expressed — but I don't know yet. Any
thoughts?

In addition, the board includes no one truly representing citizens.
Might Annette Smith or someone else play this role productively?
Senator Christopher Bray
Addison County, Huntington & Buel's Gore
Chair, Senate Natural Resources and Energy—Room 8
Senate Government Operations

Vermont Telecommunications Authority
Building Stronger Communities through Sustainable Local
Economies
Mail
829 South St, New Haven VT 05472, or
Vermont State House, 115 State Street, Montpelier VT 05633
Telephone
Montpelier
800-322-5616 (Sergeant At Arms' Office)
Cell
802-371-8183
Work
802-453-3444
Email
cbray@leg.state.vt.us

Comprehensive Energy Plan Goals and Statutory Targets for Energy Related Goals (2015)			
Goals and Targets	Target Date	Current Status (01/15)	Goal or Statute
90% of the state's energy needs – including thermal, transportation and electric by	2050	~16%	CEP Goal
25% of all energy from in-state , particularly from forests and farms (25 by '25) by	2025	~15% ¹	10 V.S.A. 579(a)
55% of annual electric sales from renewables for each retail electricity provider in Vermont by 75% of annual electric sales from renewables for each retail electricity provider in Vermont by	2017 2032	~50% ²	30 V.S.A. 8005 (d)(4)(A)
20% of total statewide electric retail sales shall be generated by Sustainably Priced Energy Development (SPEED) resources that came that came online (or were uprated) after Dec. 1, 2004 by	2017	~16% ³	30 V.S.A. 8005 (d)(2)
127.5 MW of contracts provided through Standard Offer projects in-state by	2022	~68.4 MW (contracts awarded)	30 V.S.A. 8005a(c)
Reduce greenhouse gas emissions within the state and from outside the state's boundaries caused by the use of energy within the state by 50% by And, if practicable using reasonable efforts, by 75% by	2028 2050	2% higher (awaiting 2015 update)	10 V.S.A. 578(a)
Plan to generate 60MW of power in-state by combined heat and power (CHP) facilities powered by renewable fuels by	2028	1.2 MW	30 V.S.A. 202(i)
Improve the energy fitness of At least 20% of the state's housing stock (>60,000 housing units) by At least 25% of the state's housing stock (>80,000 housing units) by Reduce the annual fuel needs and fuel bills by an average of 25% in housing units served Reduce total fossil fuel consumption across all buildings by an additional .5%/year for a total of 6% annually by For a total of 10% annually by	2017 2025 2017 2025	18,292 ⁴ (6.1% of 300,000 housing units)	10 V.S.A 581
Source: Vermont Statutes and Public Service Department			

¹ EIA Estimate

² Accounts for RECs. Currently at 2.8 TWhs of renewable supplied over ~5.6 TWhs sold

³ Totals from SPEED are 852,549 MWhs, or about 15% of ~6,000,000 in electric supply. Slightly more if as fraction of sales.

⁴ PSD Thermal Efficiency Task Force Update - 2014

