



BOARD OF COMMISSIONERS

December 12, 2017 at 7:00 pm

Central VT Chamber of Commerce, Paine Turnpike South, Berlin

(Coming off the interstate at exit 7, turn left at the first light.
At the next crossroads, the Chamber is on your left. It is the light yellow building.)

AGENDA

<u>Page</u>	<u>Time¹</u>	<u>Description</u>
	7:00	Adjustments to the Agenda
		Public Comments
	7:05	Conservation Design , Monica Przyperhart, VT Fish & Wildlife (enclosed) Previously requested by the Commission, this presentation discusses Vermont's efforts to implement a science-based approach to land use planning. The approach focuses conservation efforts on critical ecological areas that must remain healthy and intact to provide plants, animals, and natural resources the best chance of survival over time.
	7:45	Project Tour: Town Web Maps , Pam DeAndrea Explore CVRPC's service to make mapped town data more accessible to the public and municipal boards.
2	8:00	2016 Regional Plan Update , Eric Vorwald (enclosed) ² Review draft energy element with a potential action to advance the draft to the hearing process when the Regional Energy Plan is ready for adoption.
	8:25	Regional Energy Plan , Eric Vorwald Introduction of the final draft, which incorporates public comment. No action is required until the January Commission meeting.
13	8:35	Meeting Minutes – November 14, 2017 (enclosed) ²
16	8:40	Staff Reports (enclosed)
23	8:45	Executive Director's Report (enclosed)
24	8:55	Committee Reports (enclosed)
	9:00	Adjournment

¹ Times are approximate unless otherwise advertised.

² Anticipated action item.



MEMORANDUM

TO: Board of Commissioners

FROM: Eric Vorwald, AICP
Senior Planner

RE: DRAFT 2016 Central Vermont Regional Plan Energy Element

DATE: December 12, 2017

The Board of Commissioners should receive the draft update to the 2016 Central Vermont Regional Plan and be prepared to discuss the draft at the regular meeting on December 12, 2017.

The purpose of this memo is to provide the Board of Commissioners with an overview of the draft energy element and its relationship to the **Central Vermont Regional Energy Plan** and the **2016 Central Vermont Regional Plan**.

Since late 2016, the CVRPC has been working on a Regional Energy Plan that will meet the standards as outlined in Act 174 of 2016. A draft of the plan was presented to the Commission and forwarded to the Department of Public Service in June of 2017. The draft regional energy plan needs to be incorporated into the regional plan in order for it to have standing before the Public Utility Commission.

In order to incorporate the **Central Vermont Regional Energy Plan** in to the **2016 Central Vermont Regional Plan**, the energy element of the **2016 Central Vermont Regional Plan** will need to be updated. As such, a draft update to the energy element has been prepared for consideration.

The Plan Review Committee discussed the draft on November 2, 2017 and recommended several changes to be made. While there was not a quorum of the committee present, the members that were present indicated support of the draft and suggested that it be forwarded to the Commission for their consideration after the discussed changes were incorporated.

This update will serve as a short-term solution to incorporate the requirements of Act 174 into the **2016 Central Vermont Regional Plan**. It is anticipated that when Plan Central Vermont is finalized, the requirements of Act 174, including the **Central Vermont Regional Energy Plan** will be woven throughout the plan to better integrate energy planning in all aspects of the regional plan.

1 Energy Element

2 OVERVIEW & STATUTORY REQUIREMENTS

3
4 Title 24, Chapter 117, section §4348a(a)(3) of Vermont Statutes outlines the information needed
5 to be included in the energy element of a region's plan. Specifically it states:

6
7 *"An energy element, which may include an analysis of resources, needs, scarcities, costs, and*
8 *problems within the region across all energy sectors, including electric, thermal, and*
9 *transportation; a statement of policy on the conservation and efficient use of energy and the*
10 *development and siting of renewable energy resources; a statement of policy on patterns and*
11 *densities of land use likely to result in conservation of energy; and an identification of potential*
12 *areas for the development and siting of renewable energy resources and areas that are*
13 *unsuitable for siting those resources or particular categories or sizes of those resources."*

14
15 During the 2016 legislative session, the State of Vermont passed Act 174 which is an act related
16 to improving the siting of energy projects. Act 174 outlines a path whereby regions and
17 municipalities could receive "substantial deference"¹ before the Public Utility Commission
18 (formerly the Public Service Board) if certain considerations were incorporated into a regional or
19 municipal development plan. The standards outlined in Act 174 align with the primary goal of
20 State of Vermont's Comprehensive Energy Plan which is to have 90% of the state's energy needs
21 being generated from renewable sources by 2050 (90 by 50).

22 RELATIONSHIP TO THE CENTRAL VERMONT REGIONAL 23 ENERGY PLAN

24
25 The Energy Element of this plan consists of the information contained herein, as well as the
26 complete Central Vermont Regional Energy Plan that is hereby adopted by reference and
27 included in Appendix B. This energy element is intended to provide an overview and highlights
28 from the Regional Energy Plan without duplicating that information. The Regional Energy Plan
29 includes information on:

- 30
31
- 32 • Current energy use by thermal, electric, and transportation sectors
 - 33 • Targets for reducing energy consumption by sector
 - 34 • Targets for conversion to more fuel efficient technologies
 - 35 • Implementation actions to address land use, transportation, and energy needs
 - 36 • Resource maps to identify potential locations for renewable energy generation

¹ According to Act 174 of 2016, "substantial deference" means that a land conservation measure or specific policy shall be applied in accordance with its terms unless there is a clear and convincing demonstration that other factors affecting the general good of the State outweigh the application of the measure or policy. The term shall not include consideration of whether the determination of energy compliance should or should not have been affirmative under 24 V.S.A. § 4352.

1 The Central Vermont Regional Energy Plan was developed by first examining the existing Central
2 Vermont Regional Plan to identify existing information to satisfy the requirements of Act 174, but
3 also to ensure consistency between the two documents. The Regional Energy Plan is intended
4 to meet the standards outlined in Act 174, while also meeting the complete statutory requirements
5 as noted above.

6

7 ACT 174 INFORMATION

8

9 In general, the requirements of Act 174 work in conjunction with the existing statutory information
10 required to be included in a regional plan's energy element. Act 174 requires a more
11 comprehensive analysis of existing conditions and requires the identification of targets for
12 thermal, transportation, and electric sectors related to conversion or conservation of energy. Act
13 174 also identifies three distinct sections to identify this information including:

- 14
- 15 • Analysis & Targets
 - 16 • Pathways & Implementation Actions
 - 17 • Mapping

18

19 The Analysis & Targets section provides a baseline of information for where a region or
20 municipality currently stands in terms of energy use and identifies the trajectories and pace of
21 change needed to meet targeted reductions and conservation of energy. It includes information
22 on current electricity use for residential and non-residential uses; existing and potential renewable
23 resource generation; and current transportation energy use information. Additionally, targets are
24 established to provide milestones for thermal efficiency; renewable energy use; and conversion
25 of thermal and transportation energy from fossil fuel based to renewable resources. These
26 milestones are intended to help the region measure progress towards the overall goals and not
27 identified as requirements. Targets are established for the years 2025, 2035, and 2050 which
28 coincide with the State Comprehensive Energy Plan.

29

30 The Pathways & Implementation Actions section provides the basis for how the region will meet
31 their target year goals as noted in the Analysis & Targets. The implementation actions are
32 categorized by:

- 33
- 34 1. Conservation & efficient use of energy
 - 35 2. Reducing transportation demand and single occupancy vehicles trips, and encouraging
36 the use of renewable sources for transportation
 - 37 3. Patterns and densities of land use likely to result in conservation of energy
 - 38 4. The siting of renewable energy generation

39

40 The implementation actions identified in this section focus primarily in areas where the Central
41 Vermont Regional Planning Commission is already working to support its member municipalities
42 through local land use, transportation, and environmental planning activities.

43 Finally, the Mapping section allows the region to visually identify where renewable energy
44 generation is most suitable. This section combines resource information with specific known and

1 possible constraints to the development of renewable energy generation. The mapping section
2 also allows the opportunity to identify preferred locations for renewable energy development and
3 areas that are unsuitable for development of any kind. In addition, the maps identify existing
4 infrastructure to support renewable energy development.

5
6 In general, the mapping information looks at state-level data and breaks it down to a regional
7 perspective. From there, an analysis was done (as noted in Section I) regarding the potential
8 renewable energy generation that might be possible based on resource areas and constraints.
9 This information is useful to visualize what geographies throughout Central Vermont are most
10 ideally suited or best to avoid regarding renewable energy siting based on available resources or
11 identified constraints. This is intended to be a starting point and not the only basis for siting.
12

13 This section also contains specific policy information regarding the development and siting of
14 renewable energy resources that are reflected on the maps. It was determined that no specific
15 locations would be identified at a regional level as being prohibited areas for the development of
16 renewable energy generation. It was also determined that preferred locations identified at the
17 regional level would be consistent with areas identified by the state including gravel pits,
18 brownfield sites, or parking lots. This was done to allow the municipalities to decide if it was
19 appropriate to identify these areas locally, rather than have this information dictated by the region.
20

21 The Regional Planning Commission did, however, identify additional possible constraints to be
22 considered. These include elevations above 2,500 feet, slopes greater than 25%, municipally
23 owned lands, and lakeshore protection buffer areas of 250 feet. The decision was made to
24 include these resources as possible constraints to allow for further analysis by the region or the
25 municipalities to determine if development of renewable energy generation facilities may be
26 appropriate based on specific conditions.
27

28 In order to address the requirements of Act 174, the Vermont Department of Public Service
29 provided a guidance document that identifies how a region can meet the requirements including
30 model language to be considered. When possible, this guidance was used to ensure consistency
31 with statute and its intent for energy planning.
32

33 REGIONAL ENERGY PLANNING

34
35 Beginning in 2016, the Central Vermont Regional Planning Commission began working on the
36 development of a Regional Energy Plan that would meet or exceed the standards as identified in
37 Act 174. To achieve this, the Board of Commissioners appointed a steering committee to help
38 guide the process. The steering committee included representatives from various perspectives
39 including the commission, state agencies, selectboards, planning commissions, local energy
40 committees, utility providers, private energy developers, the business community, and
41 transportation providers. This group provided the input and insight into the development of the
42 regional energy plan, which also includes the specific information to address the standards of Act
43 174.
44

1 Multiple sources of information were used to establish the regional overview of energy
 2 consumption and targets for reduction. These sources include the U.S. Census Bureau, the
 3 Vermont Department of Public Service, the Energy Action Network, the Vermont Energy
 4 Investment Corporation, The Vermont Department of Labor, the Vermont Agency of
 5 Transportation, and other sources.

6
 7 Tables 1 through 3 identify the current energy use related to transportation, thermal, and
 8 electricity for the Central Vermont Regional Planning Commission area.
 9

10 Table 1. Current Regional Transportation Energy Use

Transportation Data	Regional Data
Total # of Light Duty Vehicles	45,584
Average Miles per Vehicle	287,500 (12,500/vehicle)
Total Miles Traveled	567,650,000
Average Gallons Used per Vehicle per Year	12,239 (576/vehicle)
Total Gallons Use per Year	30,518,817
Transportation BTUs (Billion)	3,396
Average Cost per Gallon of Gasoline	\$2.31
Gasoline Cost per Year	\$70,488,465

11 Source: 2011-2015 U.S. Census Bureau - American Community Survey; Vermont Agency of
 12 Transportation
 13
 14
 15 Table 2. Current Regional Residential Heating Energy Use

Fuel Source	Regional Households	Regional % of Households	Regional Square Footage Heated	Regional BTU (in Billions)
Natural Gas	487	1.8%	679,396	41
Propane	5,496	20.4%	8,953,042	537
Electricity	1,206	4.5%	1,494,263	90
Fuel Oil	14,238	52.9%	24,431,228	1,466
Coal	66	0.2%	132,664	8
Wood	5,031	18.7%	9,493,439	570
Other (Includes renewable sources)	392	1.5%	696,536	42
No Fuel	22	0.1%	42,680	3
Total	26,938	100%	45,923,248	2755

16 Source: 2011-2015 U.S. Census Bureau - American Community Survey
 17
 18
 19
 20
 21
 22

1 Table 3. Current Electricity Use

Use Sector	Current Electricity Use (in kilowatt hours)
Residential	241,268,280 kWh
Commercial and Industrial	353,116,751 kWh
Total	498,265,731 kWh

2 Source: Efficiency Vermont

3

4

5

FUTURE CONSIDERATIONS

6
7 In order to better understand how the region can provide its share of renewable energy generation
8 to meet the state goal of 90% renewable energy by 2050, the current potential for renewable
9 energy generation needs to be quantified. Table 4 provides an overview of the current potential
10 renewable energy generation for Central Vermont based on the prime and secondary resource
11 areas that have been identified. Renewable generation potential is calculated from mapping
12 completed by the Central Vermont Regional Planning Commission and is based on the Regional
13 Determination Standards and associated guidance documents developed by the Department of
14 Public Service. The renewable generation potential is expressed in megawatts (MW) and
15 megawatt hours (MWh).

16 Table 4. Renewable Generation Potential

Renewable Type	MW	MWh
Rooftop Solar	40	49,268
Ground-mounted Solar	15,622	19,160,098
Wind	23,050	70,671,678
Hydro	.01	28
Biomass and Methane	0	0
Other	0	0
Total Renewable Generation Potential	38,712.71	89,881,072

18 Source: Central Vermont Regional Planning Commission & Department of Public Service

19

20

21 Finally, Table 5 identifies the total amount of new renewable energy that would need to be
22 generated by Central Vermont by 2050. In addition to the total renewable energy target for 2050,
23 Table 5 includes targets for intermediate years to help track progress towards the 2050 goal.

24 Table 5. New Renewable Generation Targets

	2025	2035	2050
Total Renewable Generation Target (in MWh)	104,620	167,404	418,531

26 Source: Central Vermont Regional Planning Commission & Department of Public Service

27

28

1 KEY CHALLENGES AND TRENDS

2
3 Based on the information included in the Central Vermont Regional Energy Plan and noted
4 above, Central Vermont has more than enough resource area available to meet its share of
5 renewable energy generation by 2050. With that in mind, the more specific challenges that will
6 be faced by the municipalities in Central Vermont are related to the guiding theme of the state
7 comprehensive energy plan which assumes electricity is the primary power source to address
8 the state's energy needs. As such, the following challenges and trends are noted for Central
9 Vermont.

10
11 **Grid Capacity/Infrastructure Needs**

12
13 In order to effectively and efficiently transmit electricity throughout Central Vermont, the electric
14 grid and other infrastructure, specifically three phase power, need to be adequate to support
15 renewable energy development for the foreseeable future. It will be important to have accurate
16 and up-to-date inventories of existing facilities to ensure upgrades or improvements are targeted
17 to most effectively support additional electric loads on the grid. For example, some communities
18 in Central Vermont do not currently have three phase power, however they do have prime
19 resource areas to support renewable energy development. If three phase power is not in place,
20 large scale renewable energy generation cannot currently be supported.

21
22 **Livability Preferences**

23
24 A major component of energy use is related to transportation. The vast majority of residents in
25 the state, including Central Vermont, use personal vehicles for their daily travel needs. Only a
26 fraction of the approximately 45,000 light duty vehicles in Central Vermont utilize alternative fuels.
27 According to Drive Electric Vermont², as of July 2017 there were a total of 1,768 passenger
28 electric vehicles in the State of Vermont Department of Motor Vehicles registration database.
29 This includes 1,387 plug in hybrid and 381 all electric passenger vehicles. Replacement of
30 vehicles that utilize fossil fuels with those that use alternative fuels is a component of the
31 transportation policies noted in Central Vermont's strategy to help achieve the state's goal of 90
32 by 50.

33
34 Related to vehicle use is personal choice for where to live. During the eighties and nineties, the
35 trend was to build larger houses on large lots further out from the center of the community. Trends
36 are indicating a desire to live closer to amenities which are associated with cities and village
37 centers. The ability to walk or use transit is becoming more popular. There is less interest in
38 maintaining a large house and large property.

39
40 As residents begin to age and younger individuals and families look to set down roots, large lot
41 housing choices may no longer be the desired scenario. However, large lot developments still
42 need to be accommodated and planned for as a rural lifestyle is still preferred by many Central

² <http://www.driveelectricvt.com/buying-guide/why-go-electric>

1 Vermont residents. These factors will all contribute to changes in land use patterns that can
2 support more energy efficient choices.

3

4 Alternative Transportation Options

5

6 As noted previously, changes in lifestyle choices for residents of Central Vermont will impact their
7 choices for transportation methods. As trends towards more downtown style living continue,
8 public transit, walking, and bicycling are becoming more widely seen as the primary means of
9 transportation. This trend will influence the need for families to have multiple personal vehicles
10 in exchange for alternative transportation options. As the primary public transit provider in Central
11 Vermont, Green Mountain Transit (GMT) is consistently evaluating their service routes and
12 making changes based on needs and demands for ridership. This includes extending routes,
13 changing times, or adding more buses in certain locations to meet the demand. More specific
14 information regarding transportation options, trends, and choices can be found in the
15 transportation element of this plan as well as the Central Vermont Regional Energy Plan.

16

17 To help increase transportation options, municipalities are beginning to require amenities such
18 as sidewalks, bicycle trails, or multi-use facilities to connect residential areas to activity centers
19 with new land developments. This trend will continue to provide residents with choices for
20 transportation options beyond the personal vehicle. Communities will need to continually
21 evaluate their land use regulations to ensure density of development and mixing of uses will
22 support alternative transportation options to maintain continuity and consistency into the future
23 and to evolve as personal choices and trends change.

24

25 Development of Renewable Energy Generation

26

27 Development of renewable energy generation will be a key component to achieve 90 by 50. The
28 Central Vermont Regional Energy Plan identifies specific areas where resource areas exist for
29 renewable energy generation. These areas focus on wind, solar, and hydroelectric as they are
30 locationally constrained. Other renewable energy generation such as woody biomass, biogas,
31 and other renewable technologies do not require specific conditions for the location of the
32 generation facility, however they do require resources such as wood or other organics to provide
33 the needed fuel.

34

35 Siting of all renewable energy generation facilities will take careful planning to ensure
36 infrastructure (including three phase power), land use regulations (including zoning if applicable),
37 and community support exists before the development can occur. In this regard the Central
38 Vermont Regional Energy Plan does not specify locations beyond what has been identified by
39 the state as preferred locations³ for renewable energy generation. This will provide opportunities
40 for each municipality to identify locations that are preferred or restricted based on local insights
41 and interests.

42

³ Preferred locations are identified in the Central Vermont Regional Energy Plan and include parking lots, expired gravel pits, landfills, brownfield sites, and similar locations.

1 **Changes in Technology**

2
3 As noted previously, the state's comprehensive energy plan and subsequently the Central
4 Vermont Regional Energy Plan are both written with electricity as the primary power source. This
5 direction includes renewable energy technology that exists today such as wind, solar,
6 hydroelectric, biomass, and biogas. As technologies change and advancements are made in
7 both efficiency and sources of renewable energy generation, the region's municipalities will need
8 to be flexible and adaptable to these changes.

9
10 With this in mind, the Central Vermont Regional Energy Plan acknowledges and recommends
11 consideration for changes in technology that do not limit renewable energy development to known
12 sources. This concept will need to be continually revisited to ensure current technologies are
13 considered and outdated technologies are not recommended.

14
15 **Weatherization**

16
17 Weatherization of buildings is a pathway that will work towards the energy goals related to
18 conservation of energy. A portion of Central Vermont's housing stock is older and was
19 constructed at a time when no specific codes existed for energy efficiency. Now, with the
20 passage of the Residential Building Energy Standards (RBES) and the Commercial Building
21 Energy Standards (CBES), new construction is required to meet minimum thresholds for energy
22 efficiency. This will ensure new construction addresses energy efficiency, however
23 weatherization of existing construction will need to be addressed.

24
25 Incentives may be required to assist property owners upgrade their current homes and buildings
26 to include more efficient windows, doors, insulation, or mechanical systems. These upgrades
27 can be costly which is often identified as the primary barrier to completing the needed changes.
28 If incentives are available to assist property owners with weatherization projects, this may
29 increase the efficiency of buildings while decreasing the consumption of energy. This could prove
30 a viable alternative to new construction thereby extending the lifecycle of existing buildings
31 throughout the region.

32
33 **System Conversions**

34
35 Similar to weatherization, older existing buildings will commonly have outdated and inefficient
36 mechanical systems. These often include oil based heating systems or wood-fired units. With
37 advances in technology, cold weather heat pumps, high efficiency wood stoves, and other
38 mechanical systems can provide efficiency improvements for existing buildings that will result in
39 conservation of energy. As noted previously, new construction will generally include these high
40 efficiency systems which will help address energy conservation. Like issues related to
41 weatherization, however, the conversion to high efficiency systems will be a challenge as the
42 costs for equipment and building modifications needed to install these systems may be cost
43 prohibitive to many residents and business owners in the region. In this regard, identifying
44 potential incentives will be beneficial to support conversions.

1 GOALS AND POLICIES

2
3 The following section outlines the general goals that will help shape the energy future of Central
4 Vermont. Detailed goals and policies are included in the Central Vermont Regional Energy Plan,
5 however the themes are included herein to provide an overall sense of the direction being
6 provided. As noted previously, energy touches multiple sectors and elements of the 2016 Central
7 Vermont Regional Plan therefore these tenants are woven throughout the various plan sections
8 for consistency and integration across multiple elements.

9
10 **GUIDING PRINCIPLE:**

11
12 **The Central Vermont Regional Planning Commission will support the state's comprehensive energy**
13 **plan goal of having 90% of the state's energy needs generated from renewable sources by the year**
14 **2050.**

15
16
17 **CONSERVATION AND EFFICIENCY**

18
19 **GOAL: Conservation and efficiency is practiced by individuals and organizations**
20 **regarding building construction, heating systems, and daily choices.**

21
22 **Policy: Increase conservation of energy by individuals and organizations.**

23
24 **Policy: Promote energy efficiency in the design and construction of buildings.**

25
26 **Policy: Identify ways to decrease the use of fossil fuels for heating.**

27
28
29 **REDUCING TRANSPORTATION ENERGY DEMAND, SINGLE-OCCUPANCY**
30 **VEHICLE USE, AND ENCOURAGING RENEWABLE OR LOWER-EMISSION**
31 **ENERGY SOURCES FOR TRANSPORTATION**

32
33 **GOAL: Support alternative transportation options and alternative fuel vehicles**
34 **throughout the region.**

35
36 **Policy: Encourage increased use of transit.**

37
38 **Policy: Promote the shift away from single-occupancy vehicle trips.**

39
40 **Policy: Promote the shift away from gas/diesel vehicles to electric or non-fossil fuel**
41 **transportation options.**

42
43 **Policy: Facilitate the development of walking and biking infrastructure.**

1 PATTERNS AND DENSITIES OF LAND USE LIKELY TO RESULT IN
2 CONSERVATION OF ENERGY

4 **GOAL:** Land use policies support compact development in mixed-use centers

6 **Policy:** Work with municipalities to establish land use policies that demonstrate a
7 commitment to reducing sprawl and minimizing low-density development.

9 **Policy:** Strongly prioritize development in compact, mixed-use centers when feasible and
10 appropriate; or ways to make compact development more feasible.

13 DEVELOPMENT AND SITING OF RENEWABLE RESOURCES

15 **GOAL:** Renewable energy generation is sited to maximize potential while
16 minimizing locally identified impacts

18 **Policy:** Evaluate generation from existing renewable energy generation by municipality
19 including the identification of constraints, resource areas, and existing infrastructure by
20 energy type.

22 **Policy:** Evaluate generation from potential renewable energy generation by municipality
23 including the identification of constraints, resource areas, and existing infrastructure by
24 energy type.

1 **CENTRAL VERMONT REGIONAL PLANNING COMMISSION**
2 **DRAFT MINUTES**
3 **November 14, 2017**

4
5 Commissioners:

<input checked="" type="checkbox"/> Barre City	Janet Shatney	<input type="checkbox"/> Montpelier	Kirby Keeton
<input type="checkbox"/> Barre Town	Byron Atwood	<input type="checkbox"/>	Mike Miller, Alt.
<input type="checkbox"/>	Mark Nicholson, Alt.	<input checked="" type="checkbox"/> Moretown	Dara Torre, Secretary
<input type="checkbox"/> Berlin	Robert Wernecke	<input checked="" type="checkbox"/> Northfield	Laura Hill-Eubanks, Vice-Chair
<input type="checkbox"/>	Karla Nuissl, Alt.	<input type="checkbox"/> Orange	Lee Cattaneo
<input checked="" type="checkbox"/> Cabot	Amy Hornblas	<input checked="" type="checkbox"/> Plainfield	Bram Towbin
<input type="checkbox"/> Calais	John Brabant	<input type="checkbox"/>	Robert Atchinson, Alt.
<input type="checkbox"/>	Jan Ohlsson, Alt.	<input type="checkbox"/> Roxbury	Jerry D'Amico
<input checked="" type="checkbox"/> Duxbury	Brian Fitzgerald	<input checked="" type="checkbox"/> Waitsfield	Don La Haye
<input type="checkbox"/>	Alan Quackenbush, Alt.	<input type="checkbox"/>	Harrison Snapp, Alt.
<input checked="" type="checkbox"/> E. Montpelier	Julie Potter, Chair	<input type="checkbox"/> Warren	Daniel Raddock
<input checked="" type="checkbox"/>	Jack Pauly, Alt.	<input type="checkbox"/> Washington	Gary Winders
<input type="checkbox"/> Fayston	Carol Chamberlin	<input checked="" type="checkbox"/> Waterbury	Steve Lotspeich
<input type="checkbox"/> Marshfield	Ivan Shadis	<input type="checkbox"/> Williamstown	Larry Hebert
<input checked="" type="checkbox"/> Middlesex	Ron Krauth	<input checked="" type="checkbox"/> Woodbury	Michael Gray, Treasurer
		<input checked="" type="checkbox"/> Worcester	Bill Arrand

7
8 Staff: Bonnie Waninger, Laura Ranker, and Eric Vorwald

9 Guests: Jon Moore (Green Mountain Transit), Peter Anthony

10
11 **CALL TO ORDER**

12 Chair J. Potter called the meeting to order at 7:05pm. The meeting began with introductions.

13
14 **ADJUSTMENTS TO THE AGENDA**

15 None.

16
17 **PUBLIC COMMENTS**

18 None.

19
20 **GREEN MOUNTAIN TRANSIT NEXT GENERATION TRANSIT PLAN**

21 J. Moore provided an overview of the Next Generation Transit Plan being developed by Green
22 Mountain Transit. He discussed the project's four major goals including convenience, connecting
23 people to life activities, improving the region's quality of life, and financial sustainability. He also
24 provided an overview of three scenarios that were developed to evaluate the system including
25 major expansions (20% increase in operating costs), moderate expansions (10% increase in
26 operating costs), and cost neutral (no increase in operating costs). Moore provided a list of

1 recommendations for the various routes that impact Central Vermont. He concluded by noting that
2 additional outreach opportunities and that comments on the various scenarios would help
3 determine the best options for the community.

4

5 **STATE HAZARD MITIGATION PLAN**

6 B. Waninger provided an overview of the request from Vermont Emergency Management (VEM) to
7 provide input on the State Hazard Mitigation Plan. Commissioners broke into small groups to
8 identify programs that are working well, programs that could be improved, what the state could do
9 to help municipalities, and who should be involved to make these actions happen more efficiently
10 and effectively. The groups convened and discussed the various questions noting responses.
11 Commissioners identified their top two priorities from the lists. Highlights included changes to
12 legislation regarding dam removal and funding to communities for mitigation actions. All responses
13 will be reported to VEM for its consideration.

14

15 **BEST PRACTICES FOR LOCAL ENERGY PLANNING**

16 E. Vorwald provided an overview of best practices included in a guide RPCs have developed from
17 the first round of energy planning assistance to towns. This guide is intended to be a tool that can
18 be used by municipalities as they pursue local energy plans to meet the standards of Act 174.
19 Vorwald highlighted sections of the document and outlined how it could be used by municipalities.
20 He noted the guide was in draft form with a final version being completed in the coming months.
21 Vorwald also noted that the CVRPC would be assisting three new municipalities to develop local
22 energy plans that meet the standards of Act 174. He requested that interested communities
23 contact him.

24

25 **FY2018 WORK PLAN AND BUDGET**

26 B. Waninger provided an overview of the Commission's work plan and budget. She noted specific
27 budget highlights, including projects carried over from FY17, trends that affect future budgeting,
28 and the process for developing the FY19 budget and work plan. Work on the FY19 budget and work
29 plan begins in December. Commissioners will be asked for ideas and input in January or February.
30 Waninger noted that the budget and additional detail was included in the meeting packet. J. Potter
31 noted that any specific questions should be directed to B. Waninger.

32

33 **MEETING MINUTES – OCTOBER 10, 2017**

34 J. Potter noted that the attendance information would be updated. S. Lotspeich noted a spelling
35 error for correction on page 36, line 3: "bare" should read "bear". *B. Fitzgerald moved to approve*
36 *the minutes as amended; D. La Haye seconded. Motion carried.*

37

38 **STAFF REPORTS**

39 E. Vorwald noted that the December meeting would include a discussion of an amendment to the
40 2016 Central Vermont Regional Plan's energy element. This amendment incorporates the Regional

1 Energy Plan by reference into the Regional Plan to satisfy the requirements of Act 174. L. Ranker
2 noted that the Orange and Barre Town Local Hazard Mitigation Plans were sent to FEMA for final
3 approval.

4

5 **EXECUTIVE DIRECTOR REPORT**

6 B. Waninger highlighted discussions regarding brownfields as a statewide preferred site for
7 renewable energy generation. VT DEC is developing guidance for the State's certification that a site
8 is a brownfields. Brownfields are properties at which 1) development or redevelopment is
9 adversely affected by 2) known or suspected contamination. At minimum, solar developers will be
10 required to complete a Phase I Environmental Site Assessment to demonstrate contamination may
11 be an issue.

12

13 **COMMITTEE REPORTS**

14 There were no questions on the report.

15

16 **ADJOURNMENT**

17 J. Potter announced that the next meeting of the Commission is on December 12, 2017.

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19 *D. La Haye moved to adjourn the meeting at 9:53 pm; S. Lotspeich seconded. Motion carried.*

20

21 Respectfully submitted,

22 Eric Vorwald, AICP

Central Vermont Regional Planning Commission

802-229-0389

Staff Report, December 2017

Fax: 802-223-1977

LAND USE PLANNING & MUNICIPAL ASSISTANCE**Regional Energy Planning:** Contact Eric Vorwald, Vorwald@cvregion.com.

Staff met with and sought input from the Barre Area Development Corporation, Downstreet Housing and Community Development, Mad River Valley Town Leadership, and Montpelier and Barre City Energy Committees about the plan. Staff drafted updates based on comments received and presented them to the Regional Energy Committee for consideration.

Local Energy Planning: Contact Eric Vorwald, Vorwald@cvregion.com.

CVRPC will assist Barre City, Calais, and Marshfield to develop local energy plans that would meet the standards outlined in Act 174. Staff will also assist Barre Town, East Montpelier, and Waterbury Town and Village to move through the adoption and determination of energy compliance processes.

Town Plan Assistance: CVRPC continues to work with the Town of Orange on their municipal plan update. Additionally, staff provided comments to the Town of Marshfield on a draft update to their Municipal Development Plan.

CVRPC provides 12 hours of free GIS assistance to municipalities each year. Staff updated maps for East Montpelier's Town Plan. New maps were added, such as a map to comply with the new Forest Integrity requirements. The Planning Commission identified other mapping changes that would better convey the Town's planning goals. Staff has also been assisting the Montpelier to update its Master Plan.

Regional Plan: Contact Eric Vorwald, Vorwald@cvregion.com.

Staff has been working on updates to the 2016 Central Vermont Regional Plan. The primary update will include an amended energy element to incorporate, by reference, the regional energy plan. Information will be presented at the December Commission meeting.

Mad River Valley Planning District: Staff is assisting the District on strategic planning initiatives by compiling priority projects that identified in various MRVPD documents and summarizing implementation activities.**Statewide GIS Parcel data updates:** The Vermont Center for Geographic Information (VCGI) is continuing its statewide parcel mapping program. Several Central Vermont communities have signed up or expressed interest for the second year of this program including Calais, Plainfield, Moretown, Warren, and Barre City. Contact Pam DeAndrea, deandrea@cvregion.com, for information.

Statewide GIS Zoning data: Staff has uploaded all zoning data for the towns into VCGI's website for statewide availability. ACCD is working to populate its planning atlas and improve data accessibility.

GIS Web Mapping: Several communities have web maps created and hosted through CVRPC. Staff will be working with Plainfield to develop a web map after its parcel data is updated. This month's CVRPC Commission meeting will include a presentation demonstrating some of the web maps the GIS program has created and the different municipal and natural resource data that can be displayed. Contact Pam DeAndrea, deandrea@cvregion.com, for information.

EMERGENCY PLANNING & HAZARD MITIGATION

LEOPs (Local Emergency Operations Plans): VEM is developing a new local emergency operations plan model and template. Staff helped solicit local officials to participate on a committee. Karen Deasy, Cabot EMD, submitted her name.

Trainings and Workshops: Contact Laura Ranker at ranker@cvregion.com. LEPC 5 will host the new Local EMD 8-hour course on February 17, 2018 in Room 10 of the State House from 9 am - 5 pm. The course prepares local Emergency Management Directors to perform his/her duties through all phases of a local emergency: Preparation, Response, Recovery, and Mitigation. CVRPC is providing registration support for the Tier II Reporting and the ERCRA (Emergency Planning and Community Right-to-Know Act of 1986) training on December 13, 8:00 am – Noon at the VTrans Dill Building, 2178 Airport Road – Unit A, in Berlin. This course increases awareness and compliance in Tier II reporting by facilities and will review changes for 2017 reporting.

Disaster Declaration 4330-VT: Severe storm and flooding, June 29 – July 1, 2017: Staff is supporting VEM and VTrans District Techs with outreach to municipalities. Damage Inventory forms must be submitted through FEMA's Grants Portal - <https://grantee.fema.gov/> - in December. Duxbury, Orange, Roxbury, Northfield, Warren, Washington, and Waterbury are participating.

October 29 and 30 Wind Storm: Staff continues to assist VEM in gathering data on damages from the October wind and rain storms and in providing towns with information about the Disaster Declaration request. Washington and Orange County were included in the request to FEMA for Public Assistance. The request is pending presidential approval.

Hazard Mitigation Program Grants Available: Staff disseminated information and responded to inquiries on the VEM HMPG applications due in March 2018. Project proposals *do not* need to be directly connected to damages incurred from the June/July declared disaster (DR 4330). Letters of Intent are encouraged. Please contact Laura Ranker, ranker@cvregion.com, for assistance.

FMA Flood Mitigation Assistance: Staff worked with VEM and Plainfield on a grant application to

replace and improve the Brook Road Bridge. This project was approved by the state review committee for inclusion in the State application to FEMA. It is a high priority project for the Town and State.

LEPC #5: LEPC 5 held its bi-monthly meeting. Staff provided support. Robyn Ayers was appointed the Information Coordinator for LEPC 5. Requests for information can be directed to her at Robyn.Ayer@cvmc.org.

Staff attended the State Emergency Response Commission (SERC) quarterly meeting. EPA Region I presented on the role and responsibilities of the SERC and LEPCs. Resources gathered from the meeting were distributed to the LEPC5 to assist with organizational development and work on the Annual Response Plan. A survey was developed and distributed to the Fire Departments, Fast Squads and Emergency Medical Services to gather information by Support Function for inclusion in the Annual Response Plan. Municipal responses assist the LEPC to maintain current contact information.

Local Hazard Mitigation Plans (LHMP): Contact Laura Ranker, ranker@cvregion.com.

Barre City - Received FEMA Approval pending Adoption. The City Council adopted the Plan on November 28. The Plan with certification of adoption has been sent to FEMA for formal approval.

Barre Town - Staff incorporated public comments into plan and submitted it to VEM. VEM sent the plan to FEMA for review and approval.

Cabot - The Plan is at FEMA for review and approval.

Middlesex - Staff update the Plan based on comments and will re-submit to VEM for review.

Orange – The Town adopted the plan on November 13. The Plan and certification of adoption was sent to FEMA.

Roxbury – The Plan is at FEMA for review and approval.

Waterbury Town and Village - Staff provided support to the Waterbury Floodplain Management Working Group in finalizing the draft Plan with submittal to VEM. VEM returned review comments for the municipalities' consideration.

Worcester – The Plan is under review by CVRPC staff.

Plans Expiring in 2018 – CVRPC can assist municipalities with Local Hazard Mitigation Plans expiring in 2018. Contact Laura Ranker, ranker@cvregion.com, for assistance.

Statewide Hazard Mitigation Plan Support: CVRPC hosted an input session for the State Hazard Mitigation Plan at the November Commission meeting. Commissioners identified specific outcomes and changes they would like to see to advance hazard mitigation and local and regional planning goals. They also identify what they need from the state, or state-level actions that could help advance those ideas. A summary of the meeting outcomes was provided to VEM.

Professional Development – Staff attended the Secretary of State's Open Meeting and Public Records Law workshop. Specific questions related to the LEPC as a public entity were asked.

TRANSPORTATION

Counts: Contact Ashley Andrews, Andrews@cvregion.com, to request counts for roads or sidewalks for spring. Counts are useful for identifying vehicle speeds, the number of cars on a road, or the number of trucks versus cars on a road. Staff installed counters on Route 14 in Woodbury.

Grant Assistance: Staff assisted Northfield, East Montpelier, and Washington with Better Roads grants. The Towns requested \$49,578 to implement erosion control projects.

Municipal Grants In Aid: Staff completed post construction site visits and processed invoices for 10 municipalities participating in the program. Eleven (11) municipalities will complete work by June 2018.

Transportation Advisory Committee: The TAC reviewed four prospective municipal transportation study projects and ranked them as follows.

1. Waterbury's study of town bridge # 36 over Thatcher Brook at the north end of Stowe Street,
2. Duxbury's traffic study of the three-way intersection of River Road and Main Street,
3. East Montpelier's traffic study of the Towne Hill Road/US 2 intersection, and
4. Northfield's sidewalk assessment and planning.

This review and ranking is for future funding under CVRPC's Transportation Planning Initiative Program.

Class IV Road Erosion Remediation and Demonstration: Contact Dan Currier, currier@cvregion.com. Staff is working with Calais and Moretown on to identify road segments. Calais completed best management practice implementation on three road segments.

Public Transit: Green Mountain Transit (GMT) will begin a series of public meeting on its Comprehensive Service Analysis, also known as the Next Gen Transit Plan. Service scenarios will be presented. The goal of GMT's work is to improve service throughout its service areas, which include Central Vermont, and Lamoille, Chittenden, Franklin, and Grant Isle Counties. The meetings will be held December 12 from 5-7 pm in Montpelier and December 13 from 5-7 pm in Waitsfield. More information on the events, the scenarios, route by route profiles, and other information can be viewed at <http://ridegmt.com/nextgen/>. CVRPC staff represent Central Vermont on the GMT Board of Commissioners.

NATURAL RESOURCES

Mad River Watershed Riparian Gap Analysis: 604b: Using 604b funding from the Vermont Agency of Natural Resources, staff conducted a riparian buffer gap analysis for the Mad River Watershed. Using infrared imagery, staff identified areas along the stream banks in priority areas that lacked woody vegetation. Then, town parcel data was used to select parcels with gaps in woody vegetation along

stream banks. Staff summarized parcel information, including ownership, in a table. The Friends of the Mad River will use the information for stream restoration and conservation outreach.

Clean Water Block Grant: Contact Pam DeAndrea, deandrea@cvregion.com.

CVRPC is working with the Southern Windsor RPC and the VT DEC to include Barre City's Pouliot Avenue stormwater mitigation into the program. The project was developed by the Friends of the Winooski River. Projects under this grant program must be ready or close to ready for construction and result in phosphorus and/or sediment pollution reduction.

Grant Assistance: Contact Pam DeAndrea, deandrea@cvregion.com, for project development and grant writing assistance for the Ecosystem Restoration Program (ERP). There will be another review for ERP grant applications on January 31, 2018 so please contact Pam if interest in submitting an application.

Mad River Moretown Stream Geomorphic Assessment: Data reduction for the stream geomorphic assessment in Moretown is almost complete. The draft river corridor plan will be completed by the end of December. This plan will identify potential improvement projects for water, flood resilience, and habitat enhancement. Contact Pam DeAndrea at deandrea@cvregion.com.

Stormwater Master Plans: Contact Pam DeAndrea deandrea@cvregion.com.

Staff is working with multiple towns to complete Stormwater Master Plans. As part of these projects, each town receives 30% engineering designs (concept plans) for five priority projects selected by the town. Online story maps describing the projects will be developed for the Mad River and Kingsbury Branch towns. These designs allow projects to move forward into the Clean Water funding stream.

Kingsbury Branch - CVRPC kicked off the Kingsbury Branch Stormwater Master Plan with Watershed Consulting Associates (WCA) and representatives from Woodbury, Calais, and East Montpelier. WCA is investigating potential stormwater projects. Each town will receive concept plans (30%) engineering design for five projects and online story maps describing the projects. These designs will allow the projects to move forward into the Clean Water Initiative funding stream.

Mad River - Friends of the Mad River and Mad River Valley community stakeholders will meet with CVRPC and WCA for a kickoff meeting in December for the Mad River Watershed Stormwater Master Plan. This plan will be for Duxbury, Fayston, Moretown, Warren, and Waitsfield.

Berlin - CVRPC and Watershed Consulting Associates, LLC (WCA) are winding down this project by mid-January 2018. The Town has selected its priority sites and an alternate site.

Barre Town, Barre City, and Plainfield - CVRPC and Watershed Consulting Associates, LLC (WCA) are winding down this project by mid-January 2018. The Towns have selected their priority sites.

Upper Winooski Resilience: Contact Clare Rock, rock@cvregion.com.

Staff organized a pre-steering committee meeting in October. Representatives of Friends of the Winooski, Vermont Woodlands and the Cabot participated. Staff and Vermont Woodlands attended a day-long workshop hosted by the High Meadows Fund. The workshop focused on developing a project message/mission statement, outlining a communications plan and identifying key project stakeholders.

Staff will host another committee meeting in December to continue work on the project mission statement and communication plan and to identify stakeholders. The County Forester will provide a forestry primer. We are still seeking representatives from Cabot, Marshfield, and Plainfield to serve on the steering committee.

Forest Integrity: Contact Clare Rock, rock@cvregion.com.

Staff is working with VNRC and Fish and Wildlife to develop a series of webinars to help communicate the new municipal plan forestry requirements as outlined in Act 171. Towns adopting plans after January 1, 2018 must meet the requirement. Webinars will be held December 18, January 29, February 12, and March 12. To sign up, visit <http://vcgi.vermont.gov/events/list>. All webinars will contain the same materials. ANR is in the process of developing a guidance documents to assist towns in meeting the new requirement. Staff is providing comments for CVRPC as well as coordinating a single response from RPCs statewide.

Staff worked with project partners (Fish and Wildlife, Forest, Parks and Recreation, VNRC, UVM) to refine the scope of work for a 3-year forest integrity project. The Partners will develop educational resources to heighten forest integrity planning at the regional and local level. As part of the project, CVRPC will provide direct planning assist to 5 municipalities and at least one other RPC.

COMMUNITY DEVELOPMENT

RPC/ACCD Meet-Up: Staff met with staff from other RPCs and ACCD to discuss upcoming projects and for training. RPCs reviewed a draft presentation on housing issues that will be adapted and given in each region. By working together on a single presentation, RPCs are creating efficiencies in work and a statewide pool of training resources. At the meeting, CVRPC staff provided an update on Act 171 and its forest integrity work. VDGI updated RPCs on web-based mapping platforms available for use.

Brownfields: Contact Clare Rock, rock@cvregion.com.

Staff prepared a new grant application to request an additional \$300,000 in EPA brownfields assessment funds. CVRPC's program has funded work at eight properties located in Woodbury, Barre City, and Montpelier. Based upon the recent funding requests, CVRPC has invested the vast majority of its hazardous substances funding. Petroleum funds are available. More than 30 parents and community members participate in a meeting to learn about assessment results and next steps at the Montpelier Union Elementary School Playground site. Participants expressed that the meeting was helpful for understanding work completed and next steps. It calmed fears about children's safety and created excitement about modernization of the playground.

NEWS & ANNOUNCEMENTS**Upcoming Meetings:**DECEMBER

Dec 12	7 pm	Board of Commissioners, Central VT Chamber of Commerce, Berlin
Dec 13	8 am	EPA Tier II Workshop, VTrans Dill Building, Berlin
Dec 13	1 pm	State Hazard Mitigation Plan Workgroup, SEOC, Waterbury
Dec 18	4 pm	Brownfields Advisory Committee, CVRPC Office
Dec 18	Noon	Act 171 Forest Integrity Requirements Webinar
Dec 25		Christmas Holiday, CVRPC Office Closed
Dec 22	10 am	Washington County Regional Partnership, Barre
Dec 26	6 pm	Transportation Advisory Committee, CVRPC Office (Cancelled)

JANUARY

Jan 1		New Years Holiday, CVRPC Office Closed
Jan 2	4 pm	Executive Committee, CVRPC Office
Jan 8	6pm	LEPC 5 bi-monthly meeting
Jan 9	7 pm	Board of Commissioners, Central VT Chamber of Commerce, Berlin
Jan 15	4 pm	Brownfields Advisory Committee, CVRPC Office
Jan 15		Martin Luther King Holiday, CVRPC Office Closed
Jan 23	6 pm	Transportation Advisory Committee, CVRPC Office (may be rescheduled)
Jan 25	4 pm	Project Review Committee, CVRPC Office
Jan 26	10 am	Washington County Regional Partnership, Barre
Jan 29	6 pm	Act 171 Forest Integrity Requirements Webinar

Visit CVRPC's web site at www.centralvtplanning.org to view our blog and for the latest planning publications and news.

Executive Director's Report

November 27, 2017

Ideas to Action - Central Vermont Recreation

Building strategies to meet regional needs is part of CVRPC's mission. At last month's Commission meeting, I highlighted how the Commission builds its annual work plan and budget. One strategy staff is beginning to shape is a regional recreation collaborative. Over the past two years, I've listened to partners, municipalities, and state agencies comment on Central Vermont's recreation – its opportunities, its needs, and its potential. They've shared services their organizations provide as well as ideas for links with facilities, programs, and services provided by others. In many cases, they've suggested CVRPC convene the region's recreation organizations for a focused discussion on challenges and opportunities.

Recent work by the Vermont Outdoor Recreation Economic Collaborative raised awareness about how recreation promotes business opportunities, how recreation participation opportunities can be increased, and how Vermont can strengthen the quality and stewardship of recreational resources. Staff intends to link the Collaborative's work with the regional ideas we've heard by convening the region's recreation interests this winter/spring. I invite Commissioners to share their thoughts about partners to involve, directions the conversation might take, regional needs, etc. Are there activities happening in your community that might benefit from new connections with regional partners?

Listening, Shaping, Fostering

A sampling of conversations with municipalities and other organizations in the past month:

Jamie Stewart, Executive Director, CVEDC – Montpelier TIF District and Barre Street Corridor development

Frank Gardner, US EPA Brownfield Program – Approaches to brownfields in Vermont and maximizing resources available in the state

Bruce Johnson, Administrator, Town of East Montpelier – CVRPC services and Town initiatives/needs

Carl Rogers, Manager, Barre Town – CVRPC services and Town initiatives/needs

Jon Copans, Director, Climate Economy Model Communities Program, Vermont Council on Rural Development – Central Vermont program interest and recreation potential

Meredith Whitney, Forest Pest Education Coordinator, VT Urban & Community Forestry Program, UVM Extension – RPC support for invasive species work with municipalities

Central Vermont Regional Planning Commission**Committee & Appointed Representative Reports****December 2017**

Meeting minutes for CVRPC Committees are available at www.centralvtplanning.org.

EXECUTIVE COMMITTEE (Monday of week prior to Commission meeting; 4pm)

- Divided the Finance and Office Manager position to two part-time positions. A job description for the Office Manager position will be reviewed in January. The Commission is currently contracting for accounting services.
- Reviewed and accepted FY2017 audit. CVRPC incurred a net loss, primarily due to work versus payment timing for product based contracts. FY18 should show an equivalent net income.
- Authorize the Executive Director to complete negotiate and sign contracts with the Wrightsville Beach Recreation District for accounting services and the Cross Vermont Trail Association for payroll services and office space.
- Adopted a Records Retention Policy.
- Discussed conflict of interest as it relates to participate by a Commissioner when the decision affects his/her municipality. Discussion may be forwarded to the Commission for consideration.

NOMINATING COMMITTEE (February and March; scheduled by Committee)

Did not meet.

PROJECT REVIEW COMMITTEE (4th Thursday, 4pm)

Did not meet.

REGIONAL PLAN COMMITTEE (as needed; scheduled by Committee)

Did not meet.

TOWN PLAN REVIEW COMMITTEE (as needed; scheduled by Committee)

Did not meet.

TRANSPORTATION ADVISORY COMMITTEE (4th Tuesday; 6:30 pm)

The TAC reviewed four prospective municipal transportation study projects and ranked them as follows.

1. Waterbury's study of town bridge # 36 over Thatcher Brook at the north end of Stowe Street,
2. Duxbury's traffic study of the three-way intersection of River Road and Main Street,
3. East Montpelier's traffic study of the Towne Hill Road/US 2 intersection, and
4. Northfield's sidewalk assessment and planning.

This review and ranking is for future funding under CVRPC's Transportation Planning Initiative Program.

There is no TAC meeting in December. In January, the TAC will start its review and prioritization of VTrans Capital Program Projects. We will also have an update on the Cross Vermont Trail.

BROWNFIELDS ADVISORY COMMITTEE (4th Monday, 4pm)

Did not meet.

CLEAN WATER ADVISORY COMMITTEE (to be determined)

Did not meet.

ENERGY ADVISORY COMMITTEE (As needed; scheduled by committee)

The Committee discussed updates to the regional energy plan based on comments received. The comments identified additional detail to add to the plan to clarify the information. Committee members suggested updates to the tables to provide clarity and differentiate between thermal, electrical, and transportation based energy. It is anticipated that the updated draft will be provided to the Commission in December to begin discussions at the January meeting.

VERMONT ASSOCIATION OF PLANNING & DEVELOPMENT AGENCIES

Meets December 7. Update to be provided at the Commission meeting.

VERMONT ECONOMIC PROGRESS COUNCIL

No applications from Central Vermont.

GREEN MOUNTAIN TRANSIT

- Work continues on the NextGen Plan. Public engagement on proposed route changes is underway. Modifications to service scenarios based on public comment should be available in January. The GMT Board is expected to review and potentially approve service scenarios in February.
- GMT suffered a significant net income loss for rural services in FY2017. FY2018 is also projecting a loss. The Board deferred adoption of the FY2018 budget adjustment to January to allow time for discussion of deficit reduction activities.
- Reviewed the FY 19 Draft Capital and Operating Budget. Approved sending it to public meeting.
- Reviewed the draft Strategic Plan, which sets directs Board and staff work for the year.
- Reviewed responses to the Board survey. The GMT Board completes a self-assessment annually. Management staff also provides input to Board review.

MAD RIVER VALLEY PLANNING DISTRICT

The Planning District held its annual Town Leadership Meeting which includes all three municipalities participating in the District and Moretown and Duxbury. They discussed the Mad River Valley Recreation District's on-going strategic plan, the updated MRV data report, and the completed MRV housing study.

From: [Bill Moore](#)
To: [Jamie Stewart](#); [Bonnie Waninger](#); [Joel Schwartz](#); [Josh Jerome](#); [Joe Evans](#) ;
[Alyssa Johnson](#);
Subject: Invitation
Date: Tuesday, November 28, 2017 5:08:31 PM

Good Afternoon –

I am extending an invitation to you and to your Board/Commission members to meet with the Central Vermont Chamber of Commerce Board of Directors for an informal gathering.

The date is December 21, 2017 from 5:00pm – 7:00pm, here at The Chamber.

There is no real Agenda. It is simply an opportunity for our respective leadership to meet in a relaxed setting and exchange thoughts on the direction that Central Vermont is heading and to see if there are things that we can do collaboratively to help to stimulate local economic growth.

There will be light hors d'oeuvres and beverages.

Please pass this invitation on to your Board/Commission members and **[ask that they respond directly to me](#)** at Bill@centralvt.com, indicating whether or not they plan to attend and which organization they represent.

This invitation is being extended to:

Central Vermont Economic Development Corporation
Central Vermont Regional Planning Commission
Barre Development Corporation
Barre Partnership
Montpelier Economic Development Corporation
Revitalizing Waterbury

Thanks for promoting this and sharing the information.

Please let me know if you have any questions.

I look forward to seeing you all.

Bill

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