

Plainfield Energy Committee Minutes 2015

PEC meeting, November 12 Meriden Library, 7:00 pm

In Attendance: Evan Oxenham, Michael O'Leary, Ron Eberhardt, Bob Walker

Regrets: Steve Ladd, Betsy Rybeck Lynd, Allan Ferguson

- **Discussion with Bob Walker on Button Up, etc**
 - How do we measure the effectiveness of the program?
 - Online Registration
 - Get participants to commit to making change by signing a postcard with a checkoff list (done by Efficiency Vermont).
 - Have open conversation at the end of the workshop.
 - What will you do?
 - Was it a good workshop
 - Pre and post fuel use survey
 - Encourage filling out questionnaire running a raffle
 - Ask for raffle prizes from businesses - utilities, LaValleys, ...
 - Organize an educational effort. Have 50 volunteers talk to every town member and discuss energy use in terms of BTU / sq foot of building (home, office, ...)
 - Insulation for the needy
 - Idea is to provide insulation for those who need it but cannot afford it.
 - Perhaps get KUA students of church groups involved.
 - Funding for projects may be available from **New England Grassroots Environment Fund.**
- **Update on**
 - **Town Office Windows (Michael)**
Storm windows will arrive in December.
 - **Moose Plate Grant (Michael)**
 - Final documents for 2nd grant submitted.
 - Should get check soon.
 - **PTGSG (Michael)**
 - Working on final report.
- **Google Drive Reorganisation**
 - Evan reorganized the Google drive, mostly by adding "year" folders to the existing folders. Some folders were split in several folders (e.g. Town Reports and Minutes)
- **PEC Town Report**
 - Deadline for submissions (such as Energy Committee Yearly Report) for inclusion in the Town Report is January 15, 2016.
- **Next Meeting – December 10 at 7:00 pm**

PEC meeting, October 8
Meriden Library, 7:00 pm

In Attendance: Evan Oxenham, Michael O'Leary

Regrets: Steve Ladd, Ron Eberhardt, Betsy Rybeck Lynd, Allan Fergusen

- **Update on**
 - **Town Office Windows (Michael)**

Mike called Andy Roper for an update on the storm windows, but Andy did not respond.
 - **Moose Plate Grant (Michael)**

Mike working on the grant.
 - **Solarize Update (Evan)**
 - The hope is that the legislature will work on increasing the cap in the new session.
 - **Usage Data in Portfolio Manager**
 - Alan will update usage data to see changes in consumption.
 - **Google Drive Reorganisation**
 - Evan will evaluate and put together a proposal
 - **Next Projects**
 - Organize survey of town transportation needs
 - Education initiatives
 - Button up workshop
 - Follow up to determine effectiveness by doing a meeting or survey (Bob Walker SERG). Mike called Bob Walker.
 - Wastewater treatment utility
 - Investigate as potential project
 - Bill Taylor is a contact - Alan will talk to Bill Taylor
 - Use the Strategic Energy Action ToolKit - Strategies CheckList - how to prioritize and implement our next projects (Evan)
- **Next Meeting – November 12 at 7:00 pm**

PEC meeting, September 10

Plainfield Library, 7:00 pm

In Attendance: Evan Oxenham, Betsy Rybeck Lynd, Michael O'Leary, Allan Fergusen

Regrets: Steve Ladd, Ron Eberhardt

- **Update on**
 - **Town Office Windows (Michael)**

Andy Roper has completed the small windows and the doors. He has ordered the storm windows for the small windows and hopes to install them by November
 - **Plainfield Town Garage Study Committee (Michael)**

The PTGSG is no longer considering building a new garage but is focusing on recommending improvements to the existing garage. Improvements “in the ground”, e.g. septic tank, floor drain holding tank have been identified and committee is now looking into “above ground” issues, such as the need for structure bracing and the plan to upgrade the roof to current code. At the last meeting Jim

Taylor gave a report regarding the NH Department of Labor's inspection of the Enfield municipal buildings especially the town maintenance garage. This was very useful information for the PTGSG.

- **Moose Plate Grant (Michael)**

- We have decided to accept the Moose Plate grant (MPG) amount of \$7047.00, \$2953.00 less than we had asked for. This means that the town will have to contribute in the range of \$3000 to \$8000 in addition to the \$5000 they have already committed to complete the project.
- Mike has agreed to complete the necessary paper work by 10/15, so our two year grant period will be from 10/15/15 to 10/15/17. We intend to install all of the storm windows in 2016 so that the windows are protected while restoration takes place over a three year period of time (2016, 2017 & 2018).
- Case Study report on the Moose Plate Grant work – completed by Lee and sent to Amy Dixon
- There was some related discussion about the offsite storage of town records (perhaps in a barn). Evan will contact Steve Beaupre to find out what he knows about this.

- **Solarize Update (Evan)**

- Not much progress on increasing the net metering cap though calls from the community do seem to be getting the attention of both Liberty Utilities and the PUC.
- The hope is that the legislature will work on increasing the cap in the new session.

- **Lebanon LNG issue.**

- NOTE: Incorrectly reported as a propane issue at the meeting. It is in fact LNG.
- Susan Olney and Steve Wood are intervening and NextGen is assisting
- No involvement of the PEC at this point.

- **Usage Data in Portfolio Manager**

- Alan will update usage data to see changes in consumption.

- **Google Drive Reorganisation**

- Evan will evaluate and put together a proposal

- **Next Projects**

- Transportation project
 - 120 will be repaved and reworked – ask to add bike lane?
- Get money from car registration fee – town needs to agree to increase car registration to generate this money and we need to identify projects that could use this money.
- Improve Plainfield Town Hall
- Organize survey of town transportation needs
- Education initiatives
 - Button up workshop
 - Follow up to determine effectiveness by doing a meeting or survey (Bob Walker SERG). Mike will call Bob Walker.
 - Could do another button up at KUA Betsy will talk to TOm Lord
 - Energy measurement class at Plainfield Elementary School
 - Science teacher only teaching life sciences, so no measurement class in near future.
- Plainfield – insulate homes of the people with low incomes to reduce Fuel Assistance payments.
- Wastewater treatment utility
 - Investigate as potential project

- Bill Taylor is a contact - Alan will talk to Bill Taylor
 - Use the Strategic Energy Action ToolKit - Strategies CheckList - how to prioritize and implement our next projects (Evan)
- **Next Meeting – October 8 at 7:00 pm**

Minutes of PEC Meeting August 4, 2015 Plainfield Library 7pm

In Attendance: Evan Oxenham, Ron Eberhardt, Betsy Rybeck Lynd, Nancy Mogielnicki, Michael O'Leary, Lee Oxenham.

Regrets:, Allan Fergusen, Steve Ladd

Agenda:

Update on

Town Office Windows (Michael)

- Andy Roper provided invoice, which Mike is checking
 - The second Moose Plate grant proposal has been submitted, and we are waiting for response from the state.
 - \$2248 will be due when we get the windows
- Plainfield Garage Study Committee (Michael)
 - Next meeting is on August 18th – Mike reported on progress
- Requirements for finishing Moose Plate Grant #1 (Nancy)
 - 6 month update
 - § Spent almost \$10000
 - § Received \$5000 from Moose Plate Grant
 - § Will receive the next \$5000 when done.
 - Mike will wrap up grant 1 and will take over grant 2 from Nancy.
 - State will supply the template for the final report (on the 2014 grant), which must be completed when the windows are done.
 - Amy Dixon request for a Case Study report on the Moose Plate Grant work
 - § Steve Halloren planned to do this, with Mike reviewing his work
 - § All the information for this case study is in the grant proposal
 - § Lee can help if necessary
 - Nancy asked to be kept on the mailing list
- Solarize Update and Call to Action
 - Solarize Lebanon-Enfield
 - Over 20 homes are going solar in Lebanon and Enfield thanks to Solarize
 - Call to Action

- § Liberty Utilities was about to reach its net metering cap and will no longer be approving applications for net metering as of 10:00 a.m. on July 28. This changes the economic benefit of installing PV panels and has effectively stopped the installation of new PV systems in the Liberty Utilities area.
 - § Working to find out what we can do to get net metering back.
 - § Set up petitions to PUC and Liberty Utilities and encouraging people to sign.
 - § Lee will stay in touch with Lorraine Kelly on this issue
- Lebanon propane issue.
 - Proposal to create propane depot and pipeline network in Lebanon and Hanover to supply propane to Dartmouth, DHMC and Hypertherm.
 - Major concern regarding this is that this gas will come from fracking operations which are exacerbating climate change.
 - If granted, company may then try to expand pipeline connections to other businesses and possibly homes.
 - Susan Olney and Steve Wood are intervening.
- Leadership/CoChair (Evan)
 - Evan taking over as CoChair
- Discussion regarding regular meeting time
 - Agreed to meet at the same time every month
 - Preferred time from those present is second Thursday of the month
 - Evan will set up Doodle poll to confirm that this works for everyone
- Strategic Energy Action ToolKit - Strategies CheckList - how to prioritize and implement our next projects (Evan)
 - Evan gave a brief presentation of the SEAT Strategies Checklist
 - Suggestion to use Portfolio Manager (<http://www.energystar.gov/buildings/facility-owners-and-managers/existing-buildings/use-portfolio-manager>) to see what energy use is for Plainfield.
 - Suggested source for grants – New England Grassroots Environmental Fund (<http://grassrootsfund.org/>)
- Project Details
 - Transportation project
 - 120 will be repaved and reworked – ask to add bike lane?
 - Get money from car registration fee – town needs to agree to increase car registration to generate this money
 - Organize survey of town transportation needs
 - Education initiatives
 - Button up workshop – follow up to determine effectiveness (Bob Walker SERG)
 - Investigate energy measurement class for Plainfield ES
 - Set up community wide energy measurement class
 - Plainfield – insulate homes of the people with low incomes to reduce Fuel Assistance payments.
- Next Meeting – September 10, 7:00 pm at Plainfield Library

Plainfield Energy Committee Minutes 2015

Minutes of PEC Jun 24, 2015

Plainfield Library 7pm

In Attendance: Steve Ladd, Evan Oxenham, Ron Eberhardt, Betsy Rybeck Lynd

Regrets: Michael OLeary, Allan Furgusen, Nancy Molgielnicki

Guest Speaker: Rod Wendt

Updates

Evan will be the main contact for the PEC and preside over the next meetings while Steve is away.

Nancy has formally tendered her resignation (in absentia) as co-chair, but will remain on the committee in limited capacity. The committee acknowledged all the work and contributions Nancy has made since the founding of the PEC.

Evan will attend the next Plainfield Town Garage Study Group meeting on July 14, or find an alternate.

Town Office Windows - Andy Roeper was not able to finish the remaining window/door installation on Monday due to an injury. He will complete the work on Monday, Jun 29. At that time we should have a date for delivery/installation of the storm windows. We will probably not hear about the phase II moose plate grant until Aug/Sept. Nancy will continue to follow this; Evan offered to help.

There was no time to provide a summary of the Plainfield Garage Study Group Meeting.

Michael O'Leary reports: that the first meeting was held on Tues, June 23

Myra Ferguson: Chair of the Conservation Commission has agreed to provide a member or roving member to participate. Bill Knight represented the PCC at this meeting, Brad Atwater from the Finance Committee attended and already has some good knowledge about the building, Steve Ladd Current Co Chair of the Plainfield Energy Committee attended, Jeff Albright attended representing the planning board. Mike Sutherland also attended. We had very productive first meeting and will meet again on 7/14 at 7pm at the town office and possibly town garage. I will let everyone know when the minutes to that meeting are complete so that anyone who is interested can read them.

Transportation project

Rod Wendt talked with us on the UVIP project that studied the feasibility of a bus route between Claremont and Lebanon, with stops in Plainfield and Cornish. The study showed much more ridership from the terminus points, but Plainfield and Cornish residents could benefit from the bus route, particularly seniors and those with hospital appoints at DHMC, APD and VR

and those who would chose to ride to reduce traffic congestion or resource usage. The project was ambitious and required considerable funding which was lacking. Although the PEC considers this a laudable project, it is beyond our scope to consider presuing. However, various ideas arose from the discussion:

- We will conduct a town-wide survey with help from Vital Communities to determine what the residents now consider priority local transportation issues. Betsy will take the lead.
- Steve will investigate a mechanism to create a Ride Share link on the Town Web Site; maybe postings in Cornish Connect could be used in the interim.
- Ron will investigate if the PES shuttle van can be used for other purposes
- It is imperative that whatever actions are taken, they must be applicable to both sides of town (eg the 120 and 12A corridors)
- The PEC should talk with Stephanie Schell regarding the work she is doing with seniors and the volunteer driver program.

(Complete UVIP information can be found at:

http://www.uvlsrc.org/project/Route_120_ClaremontLebanon_Hanover_Transit_Feasibility_15/?fromSearch=true&keyword=&town=4&funder=0&expertise=1&search_type=0&submit_x=155&submit_y=21&submit=Submit)

Other Business

The library router was not working so we had to defer Using Google Drive Tools for collaboration. However, it appears that TDS users can no longer access Google tools without a gmail account, so a public account was created for those who wish to use it.

Michael O'Leary reports: I'm currently using the folder called Town Garage in the PEC google drive folder for the PTGSG. At this point the PTGSG sees no reason to set up separate account.

We did not have time for Evan to present the Strategic Energy Action ToolKit - Strategies CheckList - how to prioritize and implement our next projects.

Discussion on education initiatives was deferred until a future meeting.

Evan will send out a doodle poll to determine the date of the next meeting - the goal will be during the week of July 20.

Steve Ladd, for the Plainfield Energy Committee

Plainfield Energy Committee Minutes 2015

May 18, 2015

7:00 PM at Meriden Library

Attendance: Steve Ladd, Michael O'Leary, Ron Eberhardt, Betsy Rybeck Lynd and Allan Ferguson

Regrets: Nancy Mogielnicki, Evan Oxenham,

Welcome Betsy Rybeck Lynd:

Updates-

Charging Station Grand Opening: Was held on April 29 and well attended by twenty people with five electric vehicles.

UV Round Table: Steve, Michael, Nancy and Evan attended, the keynote address was about group net metering in NH and VT. Great opportunity for networking with other Energy Committees

SERG Heat pump seminar: Steve, Michael and Evan attended along with around 200 people, there seems to be a lot of interest in Cold Climate heat pumps.

Windows Phase II:

Michael, Sorry about that. I have installed a number of the Allied storms in similar situations. Allied's primary concern is over being able to clean the window and the simple solution to that is to secure the jacks with screws and not nails so that they are removable. For those on this message wondering WTH is a jack, that would be the block of wood that is mounted below the upper sash to hold it in place when a balance system is not used. I will readily admit that I have yet to see any of my clients need to clean the upper storm or sash but the capability is there.

On the invoice – yes indeed that is my error and will be rectified on the final invoice for this initial batch.

I am currently working with 2 libraries to see if we can move their storm window orders up so that we can get all the orders on one truck which should benefit everyone. It may take a bit of time but I think everyone will benefit financially. Andy

**Winn Mountain Restorations, LLC, 75 Holt Road, Lyndeborough, NH 03082, 603.654.2115 office
603.620.0923 cell**

Hi Andy: The below e mail was sent to you on April 23 and I don't believe I ever received a response to it. We are planning on meeting on Monday the 18th so I would like to catch up with you over the weekend to discuss these issue. Also while reviewing the Allied Storm window brochure I noticed that they say that the top sash of a prime double hung window must be operable. (see page 4) If this is true we won't be able to fix the top sash in place on the large windows?

Hi Andy: We received and are processing your invoices you should receive a check late next week. In your quote # MH_0314_A for the door work dated 4/18/14 you stated that the cost would be \$588.00 - \$ 60.00 if the door work was included as part of the window work, which it was. We are assuming that you forgot to give use this deduction and that you will deduct it from the next invoice.

Also we are very shocked at the significant increase in shipping cost for the storm windows and would like to discuss with you how we might reduce it. You mentioned on the phone that there was a possibility of having the deliver come on a Allied truck if the timing was right? We also would be willing to wait some on the delivery time to give you the opportunity to combine our orders with another order to reduce the cost. We would be happy to discuss other ideas if you have any.

Recruiting: Betsy Rybeck Lynd attended her first meeting, Ron reported that he has contacted Dan Falcone, Mike Southerland and Mark Pensgen. Dan Falcone has expressed some interest and hopefully will be at the next meeting. Richard Pullen, Joe Bretton have also expressed interest and would like to attend a meeting to meet the committee and see what we are up to. We decided to stop any additional recruitment until we see how this group of new people work out.

Plainfield Town Garage Study Group: With the help of Steve and Nancy I wrote up a statement of purpose for the group (see previous entry dated 5/2/15) I have contacted Myra Ferguson, Chair Plainfield Conservation Commission (PCC), Jane Stephenson Chair Planning Board (PPB) and Jeff Albright PPB, Brad Atwater from the Finance Committee (PFC) and Mike Higgins to see if they are willing to work on this issue as part of the Plainfield Town Garage Study Group. Myra has agreed to have a PCC member participate, Mike Higgins is thinking about whether he can fit it into his current schedule. I have not heard back from the Planning Board. The PEC decided that Steve Ladd would be additional member of the PEC to attend the meeting when he is in town. I'm intended to schedule our first meeting in late June

Strategic Energy Action Toolkit - Strategies CheckList: Discussion was postponed until Evan is in attendance at a meeting.

Using Google Drive Tools for collaboration: Discussion was postponed until Evan is in attendance at a meeting.

Transportation project: Ride Share link on the Town Web Site, Carpooling parking area, Using the school bus as transportation, Transportation options for older people, Vital Communities work on this issue to date: <http://www.vitalcommunities.org/uvtma/index.cfm>. Collaborating with Cornish were just some of the ideas tossed around. An action item for everyone is to be prepare to discuss some concrete plans at the next meeting. Conducting a town-wide survey is high on the list.

DIY seminars (w/Cornish): We had a general discussion about this issue and the consensus seems to be that we should try to make it happen but it's not clear what the first steps would be. We could apply for some money from the GREF to jump start this program. Obtaining GREF funding for a Solar Pathfinder and instruction may be persued.

Involving KUA students in next project: We didn't specifically discuss this; instead discussed ideas to get PES students involved in energy awareness by creating some fun, educational programs for them..

Next meeting is tentatively set for 6/22 but Steve is going to send out a Doodle poll

Michael O'Leary 5/19/2015

On May 2 , 2015 Michael O'leary reports on meeting with SB and follow up conversation with Steve H, Meeting and conversation with Andy Roper :

TO: Plainfield Energy Committee

Minutes from the 4/10 meeting are up to date and can be posted to Town Web site from Google Drive. Minutes from the 4/13 meeting should be review by Steve and Nancy

Michael O'Leary's report for May 7th meeting, (meeting has been postponed)

Town Office Window Update

Andy Roper from Winn Mountain Restoration, LLC has been paid. Steve H called me on 4/30 to confirm that he should send the check for window restoration work to date minus 10 percent (\$5394.00) and the 50 percent deposit on the eight small storm windows (\$2248.00). So we are now committed to Andy for at least the small storm windows. He has not responded to my e mail requesting that we discuss the very expensive shipping charges for the storm windows in his latest proposal. In my last conversation with him he said he would be back on site in late May to finish up the ongoing work.

If we get the MP grant, the current plan for the 8 large windows is to install the Allied HOL-B series storm windows before proceeding with the restoration of the windows on an as needed basis. We should have one more conversation with Steve H. before ordering these windows to make sure he is Ok with the HOL-B series. I would like to do that after the small one are installed so that he can have a good sense of how they will function.

Town Garage Update

The day after the 4/15/2015 select board meeting that I attended Steve Halloran contacted me, to tell me to go ahead with forming the working group that will take over the town garage restoration project. With some help from Nancy M. and Steve L.I wrote up the below statement of purpose outlining what I see the goals of this group will be. I have emailed it to Steve H requesting his approval, before proceeding.

E mail sent to: Steve Halloran

I've been busy with other PEC work lately so I haven't had a chance to work on organizing the Plainfield Town Garage (PTG) study group/committee. It appears that I have a thumbs up on going ahead with the plan of trying to put together a small group of Plainfield residents to work on this project. So I think it

would be appropriate to come up with a statement that defines our goal/propose. I will use this statement in my initial communication and recruitment with potential group members and it will define what you and the select board could expect from the group. Here is a suggested draft:

Plainfield Town Garage Study Committee, Statement of Purpose

- To advise the Select board on actions needed for maintenance and repair of the PTG.
- To identify, define and prioritize necessary maintenance and repair items and formulate a 10 year plan to implement the required work so that the building remains viable for the next 30 to 40 years.
- To integrate the concerns of the Plainfield Energy Committee, Conservation Commission, Planning Board and the Town highway crew in this process.
- To make recommendations on the necessary steps required to bring the building into compliance with the current building codes and NH State laws.

Misc Issues

I have not contacted the people that I said I would for potential new energy committee members.

E mail from Andy on 4/20

Michael et al:

I updated the storm window quotes to reflect the type HOL-B as well as current lead-times and shipping rates – which were way up. In addition, I priced the batch of smaller storms to be shipped independently of the large ones, which also adds to the cost.

Under the current scenario, all storms will be bronze in color and will be installed as an overlap fit, which means the paint will need to be scraped and repainted for a smooth finish in the first inch around the opening. In the window which will have an air conditioner, a second – shorter – glass panel is supplied to fill the opening above the air conditioner when installed. I discussed with Michael the advisability of have this panel be just a bit short so as to accommodate possible future variances in air conditioners. The difference can easily be made up with a filler panel beneath the air conditioner where it will be out of site,

All glass in the storms is low-e as previously requested. As for working on the large windows piecemeal, I would want to work on 3, 3 and then 2 in order to optimize my travel time. Pricing is based on the large storms being installed prior to beginning restorations of the large windows.

Sorry for the late response. As Michael could readily hear when we spoke (well I croaked) I have been dealing with bronchitis which has slowed things up a bit.

Andy,Winn Mountain Restorations, LLC,75 Holt Road,Lyndeborough, NH 03082,603.654.2115 office
603.620.0923 cell

On April 14, 2015 Steve L. reports:

We have a new member of the Energy Committee! Betsy wants to be on the committee and I'm sure she'll be a great asset - with her teaching experience, she'll have some new ideas on energy education and awareness, and she is interested in transportation issues. She's heading out to Honduras for a volunteer stint for a couple of weeks, and will be back after April 29 - perhaps we can schedule the next meeting for the week of May 4, except for Weds - that's the date of the SERG Heat Pump seminar. Let me know which day works best for you - if we do it Mon, we can meet at the Plainfield Lib, otherwise I'll suggest Thurs, May 7 at the Meriden Town Hall.

In other news, I spoke with Myra concerning the drainage at the Town Garage, and informed her of our committee's support of whatever action they want to take on commissioning a study on that situation. I reiterated that we will also advise the select board to proceed cautiously on our energy recommendations, pending the outcome of a groundwater study. It was unclear to Myra that the Conservation Committee has the authority to conduct an environmental impact study - it seems that needs to be initiated by the selectboard.

I also coordinated with Mary regarding the Charging Station Ceremony. Bill will have his car there, and hopefully Frank will as well. Jim Hollander may show up with his new Tesla. Sarah from VC and Craig from SS will also be there. I've contacted John Lippman at the Valley News and am waiting to hear whether he'll attend. We also agreed to get a veggie platter from Anne as light refreshments - so, we don't have to worry about spending our last \$21!

Plainfield Energy Committee Minutes 2015

April 13, 2015 Plainfield Energy Committee Meeting Minutes

8:00 AM at Plainfield Town office

Attendance: Nancy Mogielnicki, Steve Ladd, Michael O'Leary,

Regrets: Evan Oxenham, Ron Eberhardt and Allan Ferguson..

Agenda : Meeting with Andy Roper from Winn MT. Window Restoration

We discussed doing the large window restoration in three phase, with Andy. (1) Install storm windows, (2) weather strip primary windows, (3) complete window sash restoration. We concluded that we should do the work in two phases, (1) Install storm windows, (2) weather strip and sash restoration, so that is the current plan.

It's still not clear how we would proceed if we don't receive the additional grant funding and only wanted to do partial restoration of the sash.

Andy will supply a new and updated proposal for phase two work by 4/20/15 for the new MPG grant application.

We decided that we should try to find a old window sash to replace the the small window in the police station.

We consulted with Steve H. on type and color of storm windows and have decided to go with the bronze color. After some back in forth with Steve H we have decided to go with the HOL-B windows for all seven of the small storm windows. At this point it looks like Steve H and the town office staff would like six of the eight large windows to be the more expensive HOL-OP type windows. Hopefully this will change before we order the larger storms, for a number of reason,one of which is that it will be very hard to open such a large window .

Andy has been verbally authorized to order the seven small windows, he requires a deposit before he will order them. He has agreed to invoice for that deposit along with his invoice for the work completed to date.

April 10, 2015 Plainfield Energy Committee Meeting Minutes

10:00 AM at Plainfield Town office

Attendance: Ron Eberhardt, Nancy Mogielnicki, Steve Ladd, Michael O'Leary,

Regrets: Evan Oxenham and Allan Ferguson..

Agenda :

- Continue discussing phase two of window restoration work and decide on a plan to pursue with Andy Roeper: Nancy will write draft of MP grant application for the PEC review. Michael will talk to Andy about the cost of doing the larger windows in two phases, The first phase would be weather stripping the second would be window restoration.

How should we proceed if we don't want full restoration of the large windows?

We also need new proposal from Andy for grant application by 4/20/15.

Ask Andy if he thinks we should restore or replace the small window in the Police office.

We need to follow up with Steve H. on type and color of storm windows.
- Discuss recruitment: We review a list of possible candidates and each of us decided that we would contact some of them. Michael will contact Jim Bonnie, Doug Guest, Dave Clifton and Doug and Sue Cogan. Nancy will contact Rick Hines, Susan Sanzone, Richard Pullen, Jow Bretton, Jim and Sally Herbert, Jon Scott. Steve will contact Lee & Betsy Rybeck Lynd, Ida Burroughs, Greg Castell, Nat Pierson, Judy Ptak, and John Taylor, and Ron will Contact Dan Falcone, Mike Southerland and Mark Pensgen.
- Discuss Allan's request from the conservation commission to have a meeting re the garage roof and the environmental issues re it's current location: Steve will contact Myra Ferguson and discuss the Conservation Commission's concerns. If necessary Steve and Michael will attend the next conservation Commission meeting to discuss this in more detail.
- Preparations for Charging Station Inauguration: The date is finalized for Weds Apr 29 at 6:30pm. Most cornish and plainfield EC members will attend (NancyM will be out of town), as well as

Sarah from VC, Craig from SS, Anne, Bill and Joanna, and Lee Oxenham. I have invited the VN, selectboard from both towns, Bob Walker from Serg and Julia Dundorf from LEWG. Leigh Cameron from Grassroots cannot attend.

- Any preparation needed for meeting with Julia D on Apr 28? Julia is particularly interested in the NEGREF grant that we received to start the window restoration process. Nancy will be responsible for discussing this project and Michael can help. Steve will discuss Solarize and Allan and Bill K. will discuss PES Solar. All of this has to happen in one hour.
- SEAT: No discussion
- Next meeting time and place: Monday 4/13/15 8 am to meet with Andy R. and discuss window issues.

April 2, 2015 Plainfield Energy Committee Meeting Minutes

6:30 PM at Plainfield Town office

Attendance: Ron Eberhardt, Nancy Mogielnicki, Steve Ladd, Michael O'Leary, Evan Oxenham and Allan Ferguson..

Regrets:

Agenda :

- ❖ Updates on Charging Station **Steve reported:**
 - Grand Opening and publicity: We agreed to have an event on Earth Day 4/22 at 6:30 PM. Steve is going to take care of making sure that all the important people can make it at that time. Steve will also send out an email invitation to our mailing list.
 - Update: Joanna can't make it on Apr 22, so we will have it on Apr 29 instead. All committee members and dignitaries have been invited. An invitation to the mailing list will be done on Sunday.
 - How to thank Joanna and Bill: We decided to give the each a \$100.00 gift certificate from Ann's Store. Nancy is going to take care of this and get reimbursed from our left over button up funds.
 - Suggestion to supply stack of Plainfield walking tour guides to hand out to charging customers at Anne's
- ❖ The Windows Phase 1 progress (7:00 - 7:15): Michael reported that Andy had postponed his next site visit to 4/9 at 9 AM at that time he will reinstall the windows he is restoring and continue work on the entrance doors.
- ❖ Solaflect Presentation - Jonathan Teller-Elsberg (7:15 - 7:45) This was a good and informative presentation, we had no follow up discussion or any action items decided on. This was primarily intended for our education. We do not intend to endorse any specific vendor
- ❖ Strategic Energy Action ToolKit - Goals & Vision review: A Perspective on Past **Steve reported:** The SEAT is a means to ensure the committee makes informed decisions and sets appropriate priorities. It is intended as a guideline, and we can choose to use and adapt sections that are pertinent to us. We are generally doing all the major activities recommended in the toolkit, although some could be more formalized. The committee agrees

we do not necessarily want too rigid a structure, but will see which procedures make sense - like better organization of our documents on Google Drive.

- ❖ Projects/Lessons Learned/Opportunity and Challenges/Assets (7:45 - 8:30)
Evan led a short exercise in reviewing our mission statement and revisiting the goals of each committee member. We also briefly discussed the reasons for each project (mostly opportunistic), and this exercise uncovered other resources we could tap, such as KUA students.
- ❖ Windows Phase II - next steps: (8:30-9:15) Nancy and Michael have agree to put together a new proposal for phase two of the window restoration work for the committee to review.
 - Storms
 - Large Windows
 - Police Windows: We will use the eight window budget amount and discuss with Andy when he is on site. New construction for the small police window may be appropriate.
 - Funding and Budgeting: Moose Plate Grant, LChip; NE Grassroots. Nancy reported: In Conversation with Deb Gagne, grants coordinator, Nancy asked about proposal to install storms on large windows for protection preceding restoration. Deb said that she understands the logic of this approach but said that we would have to be careful to persuade committee (they might be concerned that we would install storms and not finish restoration....?). She also reassured Nancy that applying for another \$10 K was not “greedy” but was a logical extension of our past grant as it would allow us to finish the project.
- ❖ Recruiting for new members, new chair. We agreed to put a full page ad in the next Plain Facts, send out an email to our mailing list and Nancy has requested that each committee member reach out to someone in town to see if they would like to join us. Evan is thinking about whether he is willing to be the next Chair. No one was assigned the task of designing the ad for Plain Facts. Evan to contact Rangī Keen to see if he would be interested in joining the PEC.
- ❖ What role would the PEC like to have in influencing the work at the Plainfield Town Garage. PEC has agreed that they should stay involved in this process with the hope of influencing the work that will be done on this building, as to maximize energy efficiency and the long term viability of the building for the town. We also agree that there should be a committee established to work on this project for the SB . MOL, I’m thinking I might write a letter to the SB, if I do I will send it around for your comments before submitting it.
- ❖ Possible transportation initiative. Nancy reported: Nancy suggested the following transportation initiatives that the PEC could consider - 1. Survey town for most important transportation issues. 2. Park and ride. 3. Upper Valley rideshare 4. Asking Town to add a surcharge (currently capped at \$5 by legislature) to each care registration to go into a “Transportation Fund” 5. Ask the Town to join the Transportation Management Association (TMA) which is a regional transportation group associated with Vital Communities.
- ❖ Ideas for NE Grassroots Environment Fund: Nancy or Steve reported: We have been encouraged to apply for a grant. One option is to use funds to buy Vital Communities expertise for their “Smart Commute” program which is currently available only to VT communities.

- ❖ Update from Evan on his work looking into solar wall with ventilation. [Evan reported: Evan will contact SolarWall to see if we can get a preliminary cost estimate for a SolarWall on the Town Garage](#)

Our next meeting will be at 10 am on Friday April 10th at the Town Office.

March 5, 2015 Plainfield Energy Committee Meeting Minutes

7 PM at Plainfield Town office

Attendance: Ron Eberhardt, Nancy Mogielnicki, Steve Ladd and Michael O'Leary.

Regrets: Evan Oxenham and Allan Ferguson.

Agenda:

- The window restoration update and next phase actions
- Town Garage Update
- PEC Table at school meeting (Mar 6) and/or town meeting (Mar 14)? Materials?
- ideas for Charging Station publicity
- upcoming seminars and conferences
- Community Solar updates?
- Next projects?

Discussion:

- ❖ Ron reported on the select board current position on the work that needs to be done at the Plainfield Town Garage, before solar panels could be installed on the roof.
- ❖ We discussed the possibility of working on reducing the energy used by street lights in town and decided not to act on this issue at this time.
- ❖ We discussed the progress on the Town Office window restoration and decide to collect some more information prior to making a decision on the next steps. We hope to be able to make a decision on the next phase of work at our next meeting in early April.
Michael will contact Andrew Roeper from Winn Mountain Restorations to find out.
 - When does he expect to return and install the six small windows he is currently restoring? His estimate was Apr 1

- o If we were to install Allied storm windows on the eight large windows on the first floor prior to restoration them would the storm windows interfere with restoration work?
- o Has he used Moose Plate Grant funding to purchase and install Allied Storm or other storm windows in the past?
- o Andy the two front exterior doors were not included in your current proposal and we definitely want you to do that work as soon as you can in the spring.

Nancy will contact the Moose Plate Grant managers, to find out when and how we would proceed with filing another grant application

I checked the lchip web site and application dates for 2015 are not set yet, see below link.

<http://www.lchip.org/historic-cultural-resource-pages/lchip-publications-and-documents.asp>

If we could find someone who was willing to lead this process I think it would be well worth doing, we could consider including the Plainfield Town Hall windows in a larger restoration project, and apply for matching funds.

Michael will e mail Ron the necessary information so that Ron can have a conversation with Steve H regarding the town commitment to funding some part of the window restoration project.

- ❖ We discussed the progress on the car charging station at the Plainfield store and how we might introduce this project to the Upper Valley.
 - o Steve will contact Steve Taylor for advice on getting the Valley News to write an article, Bill Cable on progress and timing and Joanne Sharf on how much we owe her.
 - o We agreed to spend the leftover money from the Button Up Workshop to help pay Joanne if her work exceeds the current budget amount. It would be nice if Cornish would match our contribution to this.
 - o Ron will check in with Ann Yates the store owner on how she thinks things are going and next steps.
- ❖ We discussed upcoming seminars, Steve and Evan are going to attend the upcoming workshop Strategic Energy Action Toolkit, Steve and Michael will consider attending the SERG Round Table on 4/28 and the SERG Cold Energy workshop on 5/6. We decided not to attend the 2015 Local Energy Solutions Conference at The Grappone Conference Center, Concord, NH on March 21st 8:00 a.m. - 4:30 p.m.
- ❖ We discussed ways to improve our web site and how we could manage content. We will add our list of solar vendors under Resources. No other decision where made

- ❖ Steve will continue the conversation with the Cornish Energy Committee on do it yourself solar systems.
- ❖ We discussed potential new projects without making any decision. We agreed Community Solar was still premature; there may be interest in DIY, and maybe getting involved with, transportation issues.
- ❖ We discussed the need for new committee members with Nancy and Steve potential moving out of town. Maybe we could make an announcement at town meeting.
- ❖ Steve will contact Bob Walker regarding free Energy Audits
- ❖ Steve will contact Jonathan Teller-Elsberg from Solaflect to see if he can talk to us for a 1/2 hr at our next meeting. The PEC will not endorse any particular vendor, but will make resource references available on the web.
- ❖ Tentative next meeting date is 04/02/2015 at 7 pm held somewhere.

Tentative Agenda for next meeting:

- Discuss progress on window restoration work and make decision on next steps.
- Report from Steve Ladd and Evan on the Strategic Energy Action Toolkit workshop they attended.
- Town Garage Update was funding approved and what impact does that have on our work?
- Report on Charging Station from Ron and Steve L.
- Upcoming seminars and conferences
- Community Solar updates?
- Next projects?

Michael O'Leary for the PEC

Jan 8, 2015 Plainfield Energy Committee Meeting Minutes

7 PM at Plainfield Town office

Attendance: Ron Eberhardt, Nancy Mogielnicki, Steve Ladd and Michael O'Leary.

Regrets: Evan Oxenham and Allan Ferguson.

Town Hall

We now have data to validate that the energy improvements at the town hall started early in 2013 have dramatic effect on the heating efficiency of this building. Using data compiled since 2007, we see that we used 34% less oil in the past 2 years compared to the previous years. The calculations are based on the number of gallons used per heating degree days over the year, so the variations in temperature are accounted for. We attribute this savings largely to the installation of an indoor/outdoor furnace sensor, programmable thermostats, removal of an unused door and insulating that space, and insulation of hot water pipes. You can see the detailed analysis at the Energy Committee's website under 'Reports' (http://www.plainfieldnh.org/energy/town_hall_energy_audit_2011.pdf)

We are now finalizing the window restoration contract with Andy Roeper of Winn Mountain Restorations to start renovation of the second floor windows and entry door in the next 6-8 weeks.

These windows are in the most need of repair from both a historical conservation and energy aspect. Part of the \$10000 Moose Plate grant will pay for this work.

We will evaluate Andy's work during this phase, and decide to extend the contract to do a full rehab of selected first floor windows in need of most repair to determine the extent of the repairs. We will plan on full restoration of all 8 windows, unless we deem that some windows are in decent shape and can undergo minimal restoration. The first phase should cost about \$5300, and we can use the remainder to start first floor window restoration. SH has pledged an additional \$5000, so we should be able to do a full restore of all windows if needed. We can also look into applying for another grant. We will also eventually look into new storm windows for all windows to protect our restoration investment and provide additional energy savings.

Town Garage

What started off as a feasibility study on creating our own electricity for the Town Garage using PV Solar panels has expanded into a full engineering assessment of the structure. It is sound practice to examine a roof before considering installing solar panels, and this assessment showed that the roof and trusses are in need of repair or replacement. The engineering assessment also pointed to other potential mechanical and structural improvements that will require further evaluation. This is no real surprise, as the building has not had major maintenance since it was built in 1983. Together with the Road Agent and Selectboard, the Energy Committee will continue with this evaluation and also make energy efficiency recommendations from an energy audit conducted in 2012. You can see the Town Highway Garage Energy Audit Report on the Energy Committee Webpage under 'Reports' (http://www.plainfieldnh.org/energy/highway_garage_energy_audit.pdf)

Air Quality was an issue that was identified in the energy audit and Evan will investigate a solar/ventilating wall. Using a waste oil furnace was also discussed, but rejected due to the potential high maintenance of the furnace and the uncertain environmental trade-off of recycling used oil in this manner.

Other potential structural issues are lateral load bearing, heat loss/moisture in the walls, condition of the sills. Ron will set up a meeting with the EC and Rick for Tues, Jan 13 for us to discuss possible improvements with Rick and get his opinion. We'll then submit our energy recommendations to coincide with the engineering report before the town budgeting meeting on Feb 4

Charging Station

We are waiting for Joanna Scharf to schedule time to do the electrical installation at Anne's Country Store. Bill has found a suitable charger for \$500 and will build the appropriate enclosure. The \$1000 check from Solar Source will cover the cost. Anne also indicated that she is considering installing solar panels on the store, and if she does, those would also power the charging station and the EC would not need to pursue grants for this.

Steve Ladd, for the Plainfield Energy Committee