

## Renewable Energy Task Force

Approved Minutes for Meeting held on Monday, June 17, 2019

The meeting was called to order at 6:52 PM. Task Force members in attendance were Deb Deleso, Laura Lynch, Robert Wills, Bev Edwards and Vince Mamone.

We reviewed the minutes from the last meeting. The minutes were approved as written.

Dan Weeks, from ReVision Energy (a renewable energy company located in NH), came to the meeting and gave a presentation. Prior to the meeting Dan and some of the task force members toured the town buildings. Dan was given information on our objectives, issues and current town energy consumption. Dan started the presentation by telling us about ReVision Energy. The company has been very active in NH and other New England states, having done many large, medium and small installations. The potential Temple project seems to fit easily into their capabilities.

Dan discussed the state of renewable energy in NH today and that 100% renewable is a possibility by 2050. He discussed the state of policy in NH and where it might be heading. For Temple, he said doing a solar array installation to serve the town buildings electrical needs would make sense. He said an installation on the Municipal Building fire station roof might work for up to 35KW or so. He thought it an acceptable location but not ideal. He said cost would likely be about \$3 per watt. For installations over 40KW cost might be closer to \$2.75 per watt. He asked for more usage information and will be doing a proposal for us. We need to provide information on fossil fuel use for heat and our likely plans for converting heating to electric (ie. heatpumps). This will give him a better idea of what the future electrical needs will be.

He said that currently they would use panels from RNC in Norway. These are 40" by 66" panels 360 watt. We discussed the pros and cons of doing a ground mount. The cons are cost. The pros are allowing for a larger installation that could accommodate the entire town government electrical needs which may be greater than 40KW. The fire station roof will only allow for approx 36KW. A ground mount will also allow for better orientation which translates to lowering the cost by requiring less panels to support the same yearly production. The fire station roof is not bad but will have a 5% – 10% productivity impact. Ken Caise mentioned that he thought it would be ok to remove the pine trees shading the roof.

Bev agreed to send energy billing data to Deb who agreed to create a spread sheet that can be provided to ReVision. Robert will get a handle on what the likely adoption of heatpumps will look like. We also need to get more information on potential sites for ground mounts. We discussed several but we did not have enough of the details for each site.

We agreed to have Solarize NH come to a future meeting and tell us what initiatives they are working on and how can Temple get involved.

The meeting was adjourned at 8:23 PM.

Submitted by Vince Mamone