

**Town of Shelter Island Green Options Advisory
Committee
Minutes of the February 22, 2016 Meeting**

Members Present: Chair Tim Purtell, Don D'Amato, Dan Fokine, Quinn Karpeh, Herb Stelljes + Jay Card, John Cronin
Absent: Angela Van Rynbach

Town Energy Audit:

Green Committee members + John Cronin and Jay Card met with Johnson Controls LI Market Team Operations Manager Rob Rolston to discuss a Town energy audit. (Rob/Johnson Controls is currently working with the Shelter Island School.)

—Rob talked about JC and how an audit works. We supply them with a list of buildings, their square footage + energy bills for 18 months. They bring in an engineer for a day to check out the buildings and other areas of interest. Since our Town is small, the audit would be done for free and there would be no contract. We then have a choice of using or not using JC as the GC for any upgrades suggested in the audit.

—Some of the targets for upgrades would be lighting, thermostats, insulation, steam traps, and solar. Our group had a number of questions and ideas.

—Herb was interested in wind and solar and how the Island could develop a solar grid. Rob explained the complications of wind power (even if we could do it on Shelter Island). Jay mentioned that maybe the SE corner of the RC would be a spot for wind. There was a lengthy discussion about solar on some of the Town buildings + the Recycling Center. Rob

explained some of the pitfalls of solar (it's not maintenance free). Herb also asked if the methane from fill at the RC could be used to generate heat. Rob explained the expense and pitfalls. For one, the mulch needs to be moved around, which makes the idea impractical. Jay also mentioned that all the mulch does get sold.

—Jay talked about a potential plan for solar at the RC, which tied in with Herb's idea of a solar grid that not only served the Town but some residents. Herb also asked if there's a way to create a solar package combining municipal and residential. Rob's response was there are too many transactions to make it feasible.

—Dan asked if the Town buildings and infrastructure warrant upgrades. Rob explained that if the annual bills are \$200,000 and JC suggests improvements that save \$50,000, then the Town is freeing up money for other upgrades or projects. John feels there's enough Town infrastructure that needs attention to warrant JC's audit.

—We discussed adding the Fire Department and Library buildings to the audit and as potential solar sites. The medical center, which is about to get a new roof, was also discussed as a potential solar site. Jay mentioned trees next to the building.

—John suggested we can whittle away at the doables (lighting, thermostats). Jay suggested that we can choose upgrades on an annual basis, rather than tackle them all at once. Rob gave John's office as an example. The thermostat would be upgraded to a programmable, the windows could get plastic film to keep heat in or out, shades would also reduce

summer heat. Ditto outside shutters. Fluorescent lights could be swapped out for LED. (Rob mentioned that lighting can be a big money saver, particularly street lights in large towns. He acknowledged that, in our case, there weren't many street lights.)

—The group will divvy up gathering the information that JC needs.