

MINUTES OF ENERGY COMMITTEE

JUNE 8, 2021, 1:00 PM

1. Meeting convened at 1:02 pm by Dick Kline
2. Minutes of May 11, 2021 were approved
3. Dick has submitted a CRA Annual Committee/Activity Report for 2020-2021. The report included a partial listing of our activities plus Energy Committee officers elected to serve effective July 1:

Chair Ben James

Vice chair Dick Haden

Secretary Barbara Grove

Staff participation will be

Director of Facilities Roy Manno

Also, Steve Madsen

Dick summarized the status of solar panels that have been proposed for both the Mott and Woolman residences. At the Plant and Stewardship Committee both he and Larry Kirwin (Kendal at Longwood) reinforced the importance of the solar panel provisions in the Revitalization plans. It was noted that the Crosslands Quaker Meeting has issued a Minute (statement) in support of the recommendation. Seth will obtain a cost estimate for including these units.

Pete Lane was thanked for providing Zoom support for the Committee

4. Dick Haden will work on a resiliency list
5. Energy display status. Pete Lane will work with Bruce Taggart
6. Roy Manno discussed:
 - A We do not submeter at the center, so we cannot determine our electricity use there
 - B. Monitoring electricity use at cottages requires campus-wide WIFI
 - C. Need for some initial solar installation
 - D. Need for professional auditing of electrical use
 - E. If we were to reduce our electricity use by running our generator under at conversion, it would result at incremental usage from other sources outside the control of Kendal-Crosslands(a thunderstorm terminated Roy's presentation)
7. Report from Longwood by George Alexander:

Peak Usage Reduction Project: Kendal-s Energy Committee is working on a project to reduce our electricity use during peak summer hours with the goal of reducing the “capacity charge” on our bill. That charge, for the Kendal campus only, was about \$160,000 this year. The reduction could be achieved either by large-scale voluntary efforts or by running our generator at selected hours. We would need to be able to choose the right days and times to implement these efforts. Roy reported that running the current diesel generator too much might cause our NOx emissions to rise above permitted levels.

Long-range Planning Priorities: The Kendal long-range planning team has discussed what the initial priorities for sustain abilities should be, and their determination was that the top items are:

- a. Installation of “submetering” at the Center to help determine where our electricity goes
- b. Campus-wide WIFI (will be needed for monitoring cottages and controlling smart devices)
- c. Some initial solar installation (either rooftop or ground-mount)
- d. Professional auditing of sample buildings (including the Center)

The team will present these items as their proposed priorities and will help with research in areas such as potential costs, and technical issues. We will shortly be receiving a building audit proposal from Resilient Buildings, a company recommended by Stu White (a retired architect at Kendal-Hanover). This will give us an idea of the scope and cost of such audits

8. Adjournment 2:02 PM

In attendance: George Alexander, Spencer Ervin, Barbara Grove, Dick Haden, Ben James, Dick Kline, Pete Lane, Steve Madsen, Roy Manno