

Energy Committee Meeting Minutes June 13, 2023

Attendees: Ben James, Barbara Grove, Bob Foley, Fran Riddle, Penny Paul, Spencer Irvin, Leslie Gifford, Warren Gifford, George Alexander, Lane Randall, Peter Lane, Lindsay Eidson.

1. **Agenda Approved**
2. **Minutes approved**
3. **Peak Reduction - 2023:** Emails - 105 names, need for signs, posters on bulletin board, on 2 front doors of community Center. Need for table to remind cooperating residents that they signed on to adjust their thermostats on peak usage days. Add names of new residents to list. Bob Foley and Penny Paul to do table. Kendal at Longwood will have lawn signs.
4. **Facilities Report:** An upgrade of library lighting to LED bulbs has been completed. The intern (Rick) is involved in data collection (probably 25% complete) to document Independent Living equipment e.g., heat pump, air conditioning, hot water heaters, living space dimensions in sq. ft., models and manufacturers of HVAC equipment. He is transferring data to spreadsheets.
5. **Topics of interest:** draft thermostat survey needs minor changes, induction stove tops, cold water detergents, heat pump hot water heaters, waste stream, clothes dryer temp. Discussed: air conditioning survey, replacing stove tops with induction stove tops. Noted that repair costs are higher than repairs on current styles of ranges. Management will not replace current stove tops with induction tops.
Warren Gifford presented charts on energy use; from his chart, he cited that Refrigeration Energy consumption is an area where the committee is not active.
What about solar installation: Approach is to operate EV systems Woolman and carports in 400's, learn from their performance then push solar EV systems but our current emphasis will be on improving

efficiencies of Crosslands energy consumption first. Older construction seems to consume ~180 BTU/ sq. ft. Whereas Woolman consumes ~50 BTU/sq. ft.

6. **Climate Resilience Working Group:** No report
7. **SSAFE:** Fran Ritter will talk with Sue Kelly and John Day who are looking at PA Legislative Advocacy. Ben would like to see a membership table in Community Center to educate and raise awareness.
8. **Energy Display:** Peter Lane and Warren Gifford are planning to put up new information screens
9. **4 Campus Recycling:** Green boxes issue regarding poor return of green boxes. Are residents retaining them and not returning?
10. **Kendal at Longwood:** On June 17 from 2 - 4 PM Kendal-Longwood and Concord Quarterly Meeting group will host tours of the meadow, invasive removal and hydroponics for all. Tours begin leaving on the quarter hour (2, 2:30. 3, 3:30 PM). A group is monitoring the sustainability of planned construction of the Health Care Building. They are monitoring energy used to produce construction materials, etc. How it meets heating and cooling requirements, will the building envelope be air tight and produce a net reduction of energy, will a solar EV system be included on the roof which will require fund raising. There is a solar experiment planned to determine suitability of carport EV system. Its not set up yet but Roy Manno feels it may work.

Additional discussion: solar EV on roofs of carports. Noted that a brainstorming session was held on Saturday with Ben James, Warren Gifford, Peter Lane, Dick Haydn and Bob Foley