

Red Bank United Methodist Church Green Energy

1) Reduction of CO2 emissions 2011-2020

- * Reduced CO2 by 840,404 pounds with 2011 solar project**
- * Solar panels generated 495,065 Kilowatt Hours (a major portion of church power requirements) 1/2011-2/28/2020**
- * Signs for “No Idling“ in parking lot**
- * Bike rack installed to provide options to driving a car**

2) Reduce energy consumption

- * Better insulated windows in Church and parsonage**
- * Ceiling insulation in Fellowship Hall /114 wing /parsonage**
- * Improved door seals**
- * Natural gas usage reduced by 30% and stable even with improvements (AC installed in 90% of church building)**
- * White reflective roofing on Church**

3) Environmental awareness and Planet protection

- * Met TREX bench challenge to recycle 500 lb. Single stream plastic film in 6 months, & won a TREX bench for our playground. Continued recycling to help other faith groups.**
- * Removed plastic utensils, cups, plates, straws, in building and replace with washables and renewables.**
- * Tuned up institutional dishwasher & trained operators. (to help reduce water usage)**
- *Biodegradable cleaning materials used throughout building**
- * No pesticides on grounds - use of green plants in sanctuary**
- * Recycling containers in rooms (labelled recycling bins)**
- * Annual Green Fair for all ages and for community**