Net-Zero Ready

How did we get there?

1. High R-values
   - R-25
     - Above Grade Walls
     - *Base Code = R-16
   - R-18
     - Basement Wall/Slab
     - *Base Code = R-10
   - R-5
     - Windows
     - *Base Code = R-3.5

2. Super Efficient HVAC
   - Lunos HRV
   - Air Source Heat Pump

3. Air Tight Envelope
   - *Test Results 70% better than code

Sources and Uses: Energy Use

Total Annual Energy per Building, kWH

- Base Code
- Projected Energy
- kW Required to Offset Energy Use

Proposed PV system will provide 160,000 kWh

Typical Proposed Building Array

Sample Installed PV Array

Designed and built to be 57% more efficient than base code energy standards.
with our mission, being good business practice and consistent with our long-term savings. In addition, our pressing residents commit to positive environmental stewardship.

Melpet Farm is committed to greening its properties.

Local farmhouses, simplified in a simple, traditional wood-frame single-family homes. The eight newly-constructed homes are in three 2-story residential buildings are two-story homes. These are designed for those who are interested in the arts and are also set aside for those who are interested in the arts and are members of the community. The farmhouses and gardens serve as a model for affordable housing in collaboration with our sponsor, Housing Assistance Corporation of Cape Cod. Melpet Farm was built in 2015 by Preservation Housing in collaboration with our sponsor.