

Modular Housing Innovation Project

How to affordably meet Zero-Net Energy today

In partnership with:



pili-maharam architects



www.VerModHomes.com

HIGH PERFORMANCE MODULAR HOME vs. TYPICAL MANUFACTURED



HIGH PERFORMANCE MODULAR HOME
with solar PV

HIGH PERFORMANCE
MODULAR HOME



3 and 1/4

50-gallon barrels of oil a year

HIGH PERFORMANCE
MODULAR HOME
with solar PV



1

50-gallon barrels of oil a year

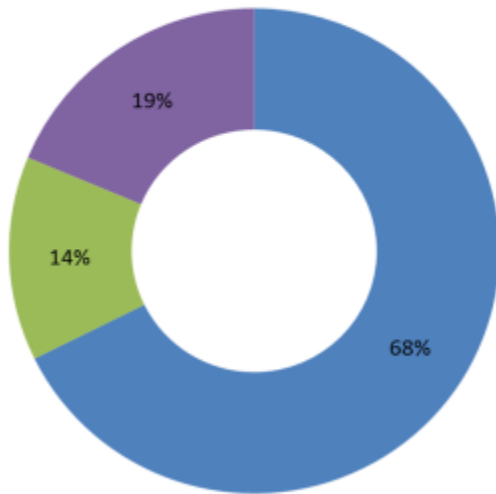
TYPICAL MANUFACTURED HOME

10 x 50-gallon
barrels of oil a year



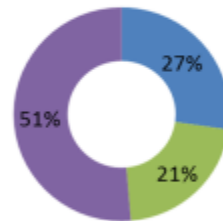
Average Annual Consumption by End Use

HUD Compliant
Manufactured Home



93 MMBtu

High Performance Home



22 MMBtu

High Performance Home
with Solar PV



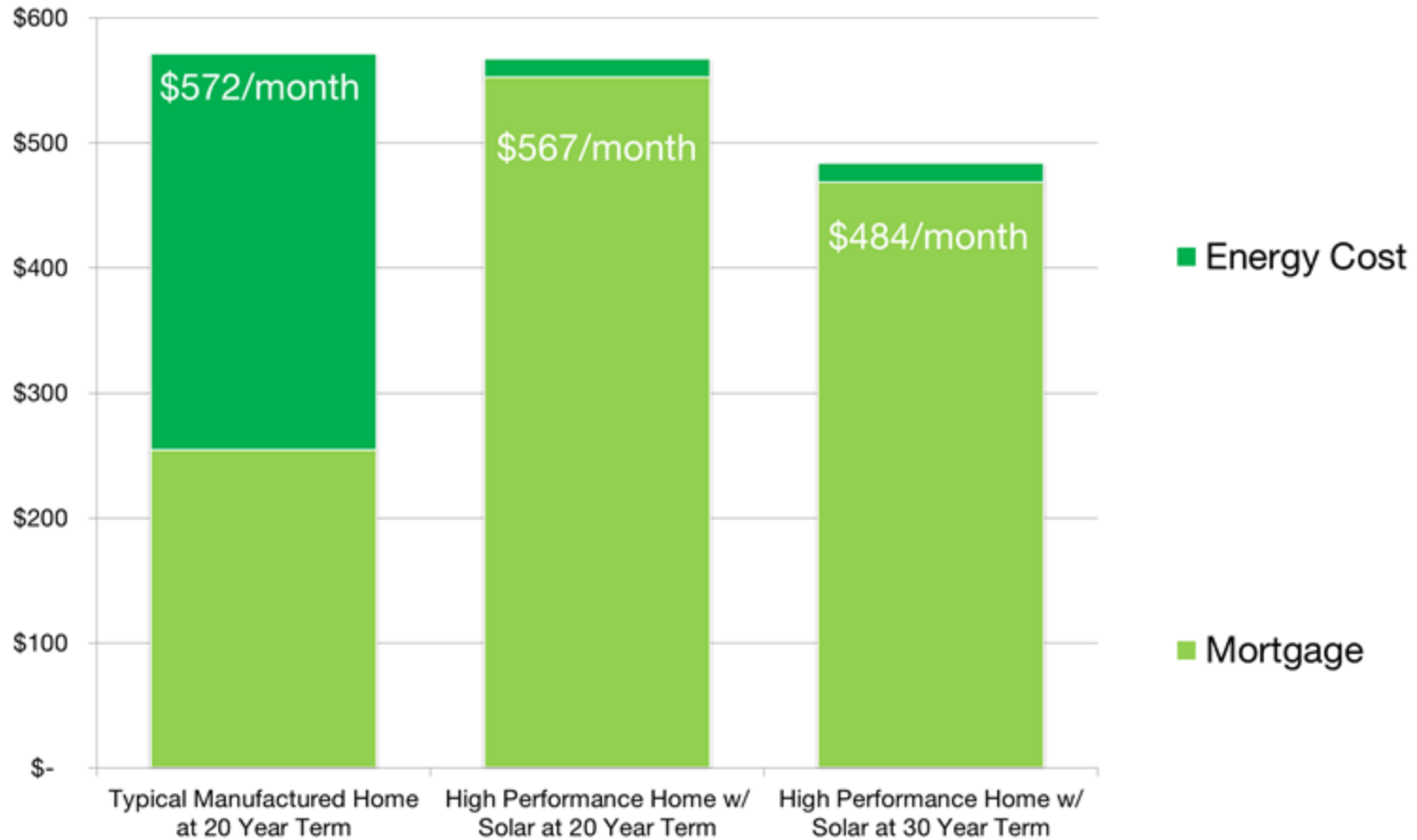
0 MMBtu

- Heating
- Hot Water
- Lights & Appliances
- On-Site Renewable Generation

Sample Cost Comparison

	Typical Manufactured Home	VERMOD Home
Factory Home	\$ 56,000	\$ 105,000
Site Work	\$ 12,000	\$ 14,500
Delivery & Set	\$ 2,000	\$ 7,000
Solar Package - 6kW		\$ 14,000
VHFA Tax Credit	\$ (35,000)	\$ (35,000)
Efficiency Vermont Incentive		\$ (8,500)
Purchase Price	\$ 35,000	\$ 97,000
Annual Energy Cost	\$ 3,811	\$ 180
Down Payment	\$ 3,500	\$ 9,700
Interest Rate	7.50%	4.5% / 5.0%
Term	20 years	20 / 30 years

Monthly Cost Comparison



* Energy Costs are based on energy modeling

Appraisals & Financing

- Statewide lenders providing typical financing rates and terms to homeowners of *high performance* mobile home replacement units.
- Working with Energy Efficiency and Utility partners to continue to provide incentives and develop on-bill financing option for buyers of these homes.
- Appraisers competent in Sustainable Buildings evaluating homes and appraisals reflect value and cost of homes.
- Allocating more affordable housing subsidies to high performance homes than HUD homes and rebuilding our mobile home parks in a sustainable manner.