

# SolarHomes Update!

*Dave Corning, P.Eng CEM CMVP*

# What is SolarHomes?

- An incentive program for solar photovoltaic systems!
- Key program details:
  - For residential single-family properties
  - Rebate is currently \$1 / Watt [of installed DC capacity] (up to a max of \$10k or 40% of project cost, whichever is less) for both grid-tied and off-grid systems
  - Pre-approval is required
  - Working with an ENS Approved Solar Installer is required

# How does the program work?

## Step 1

Review program details, obtain quotes from approved installers, and make decision to proceed

## Step 2

Have your chosen installer submit the SolarHomes Pre-approval Application.

## Step 3

Once approved, proceed with your installation. Your installer will take care of navigating you through the net-metering process and required electrical and building permits.

## Step 4

Once installation and final electrical inspection have been completed, your installer will submit the SolarHomes Rebate Application.

# Program Goals

- Encourage increased solar PV adoption in NS
- Drive solar PV installations in at least 2000 homes over 4 years
- Establish NS as a leader and champion in the solar field
- Support sustainable growth of the solar PV industry in NS

# Nova Scotia is ready

- Solar PV is a great fit for NS
  - Our solar resource is just fine!
  - Our electricity rates are among the highest in the country
  - Our emissions from generation are relatively high
- Costs are lower than ever
  - Hard costs decreasing with time
  - Soft costs low relative to other provinces
- Financing is available (for many)

Complete financing available

(complements Efficiency NS rebates)

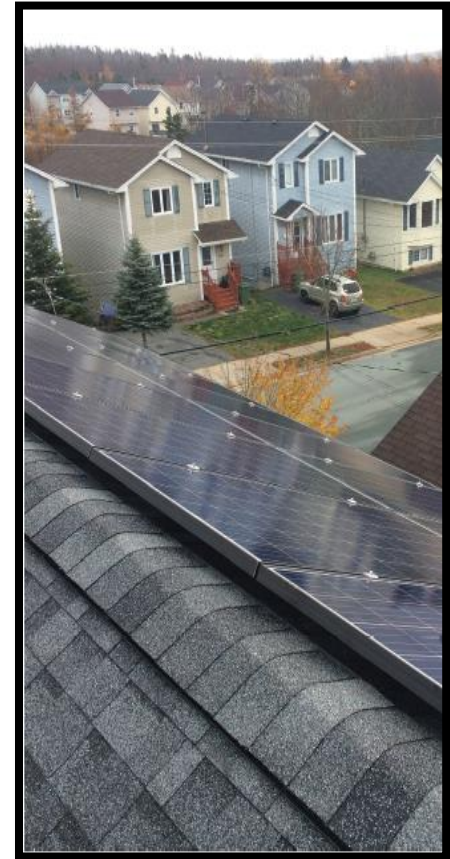
- Solar hot water (+ \$1000 rebate)
- Solar hot air (+ \$400 rebate)
- Solar PV (+ up to \$10,000 rebate)

Financing

- 4.75% fixed over 10 years
- No credit check

Eligible property owners include

- Residential
- Not for profits
- Places of Worship
- Charities



# SolarHomes Results

– Number of applications received:

**350**

– Average system size

**8.8kW**

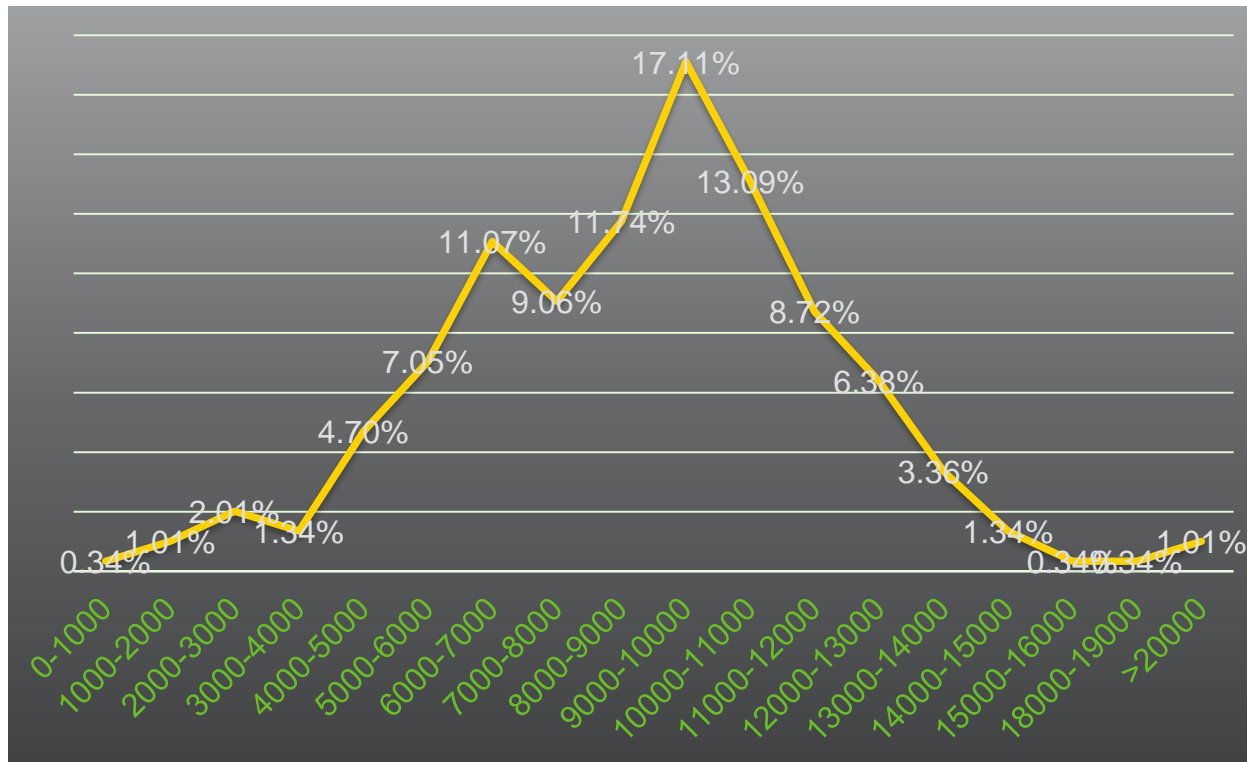
– Average system costs:

**\$2.49 / Watt DC**

– Total capacity:

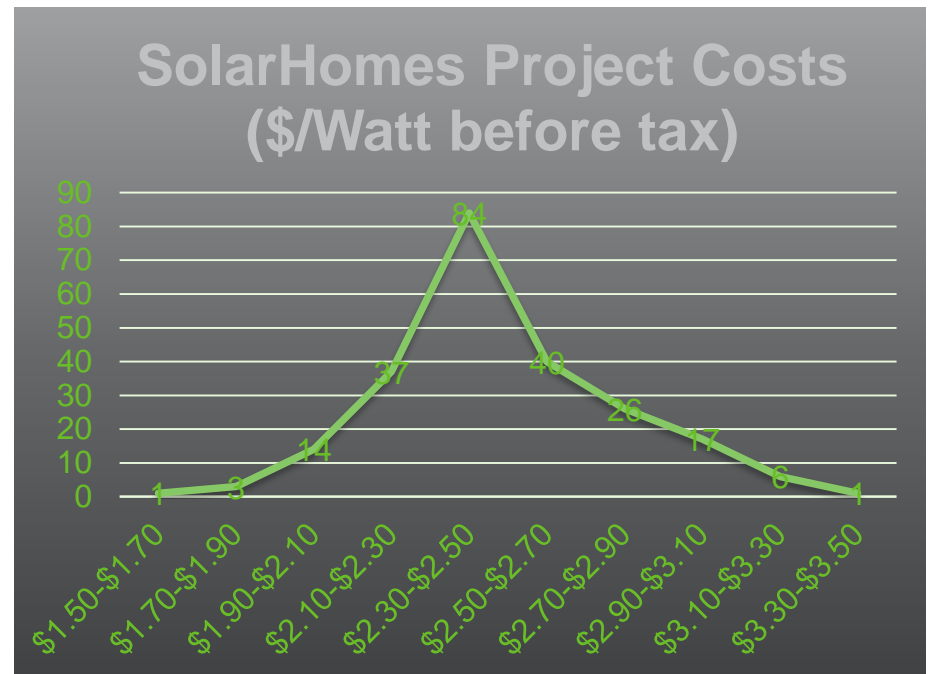
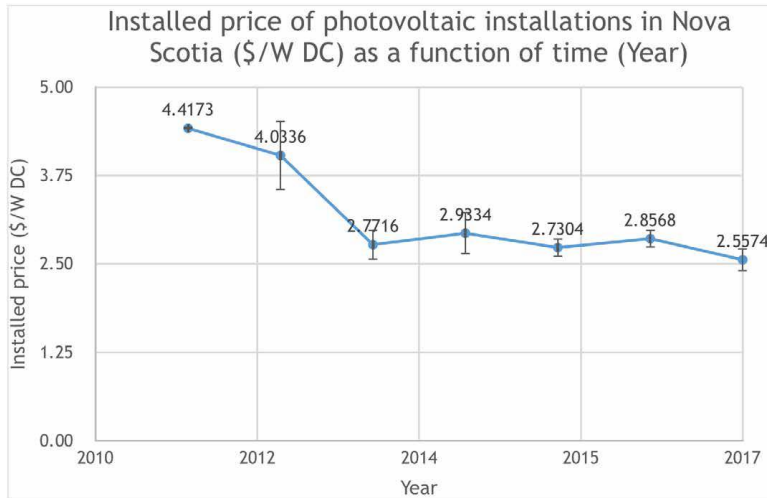
**3015 kW**

# PV system sizes

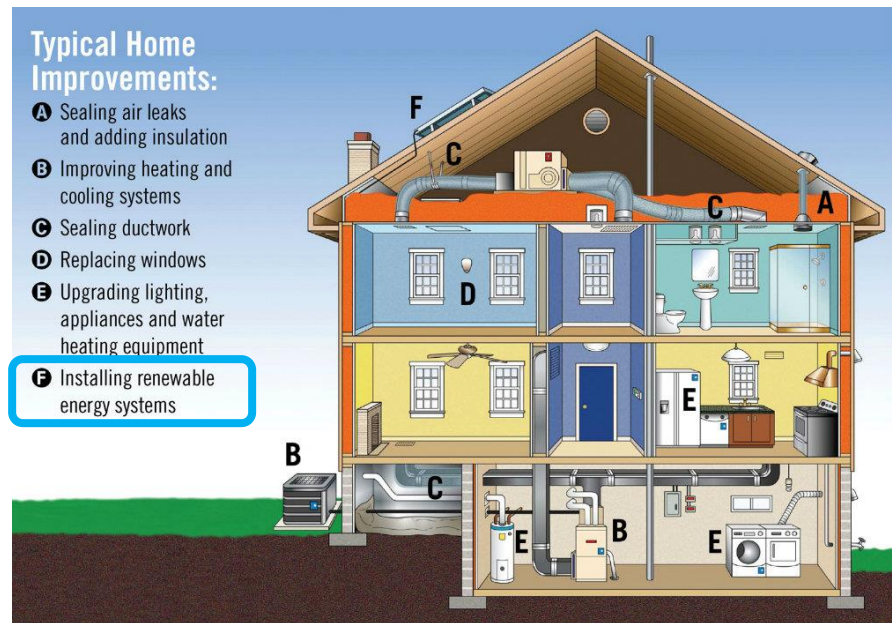
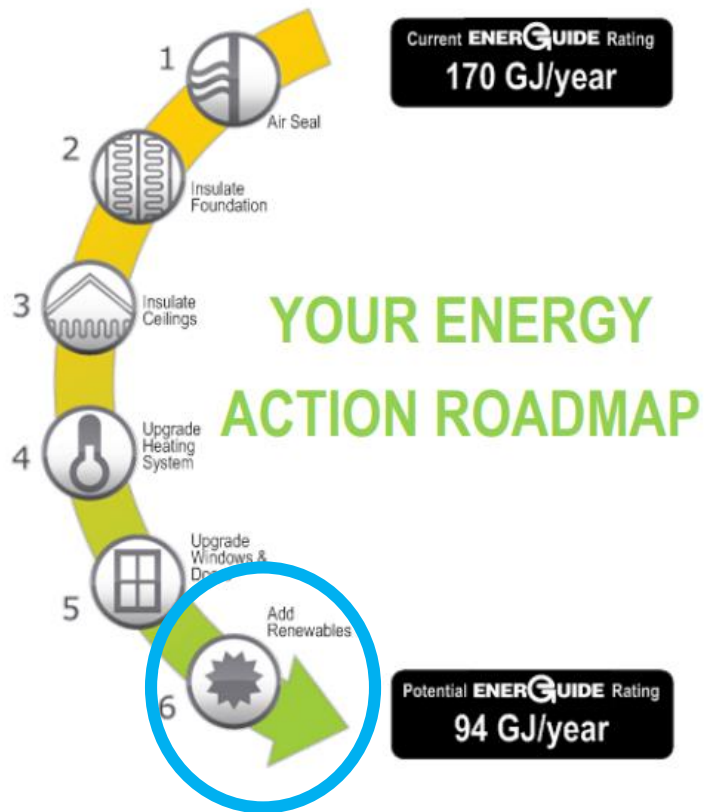




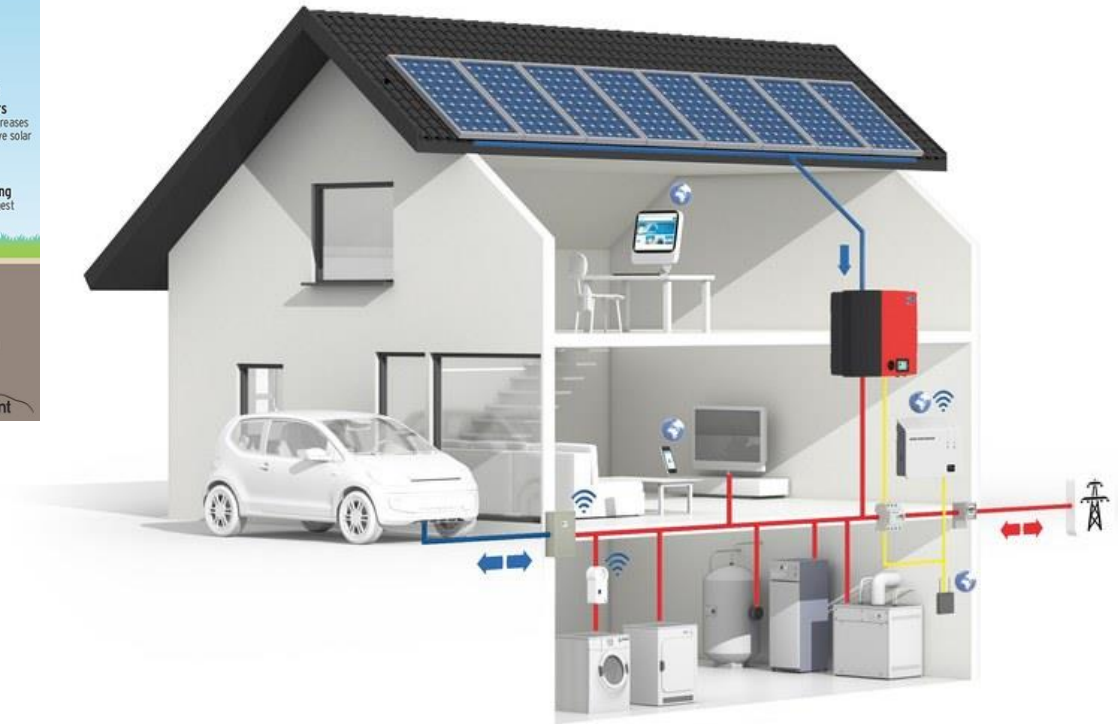
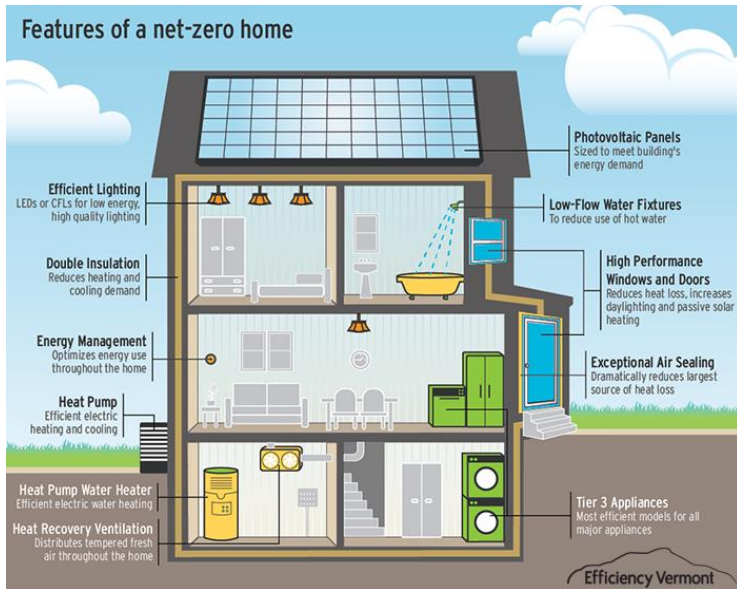
# PV system costs



# Why solar PV is a perfect fit for the work Efficiency NS does



# Why solar PV is a perfect fit for the work Efficiency NS does





RENEWABLE ENERGY DESIGN & INSTALLATION SINCE 2003



www.novasolarcapital.com



Quality. Integrity. Trust.



# In closing,

SolarHomes is already playing a role in the adoption of renewable energy in the province.

- Helping to make solar more affordable and accessible to a wide range of the public,
- Supporting a growing industry,
- And reducing significant emissions.

Lets keep moving forward, together!

Thanks for your time. 😊

*Questions?*

*Dave Corning*

*dcorning@efficiencyns.ca*

*Or contact the SolarHomes team*

*SolarPV@efficiencyns.ca*