



URBAN SOLAR GARDEN

Public Information Session
July 20, 2017



Welcome and Introduction

Solar Energy and the New Westminster Context

The Urban Solar Garden

Discussion and Q&A

Closing

Attendee Survey



Why an Urban Solar Garden in New Westminster?

New Westminster wants to be a leader in
renewable energy and energy efficiency



*Cities play a central role in the
transition to sustainable energy*

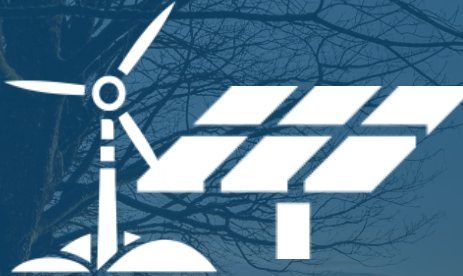
-UNEP District Energy in Cities Report

City of Nelson Community Solar Garden

Ribbon Cutting Event – June 24 2017



City Policy Supports...



Renewable Energy
Development



Sustainable
Infrastructure
Investment



Reducing GHG
emissions



Reduced fossil fuel
reliance

City of New Westminster
COMMUNITY ENERGY
& EMISSIONS PLAN

Statlec Consulting Ltd.
June 20, 2011



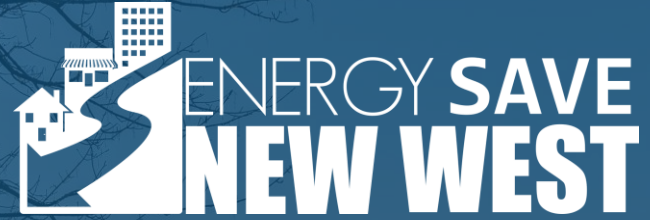
Towards a modernized and diversified Electric Utility



Sapperton District
Energy System



Intelligent City
Initiative



A Community Energy Program designed to
improve home performance

The Path to Net Zero Buildings

2017

BC Building Code

2032

Net Zero Ready
Home



Pathways to making your home more energy efficient and sustainable



Renewable Energy
Goals

Start here



Energy Efficient
Home Goals

Arrive here

Rooftop solar on a low energy home

Energy efficiency + renewable energy



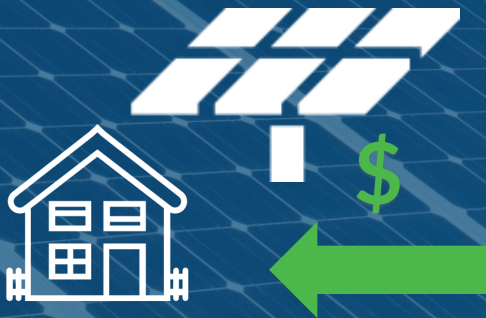
What's an Urban Solar Garden?

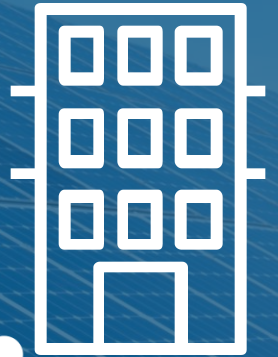




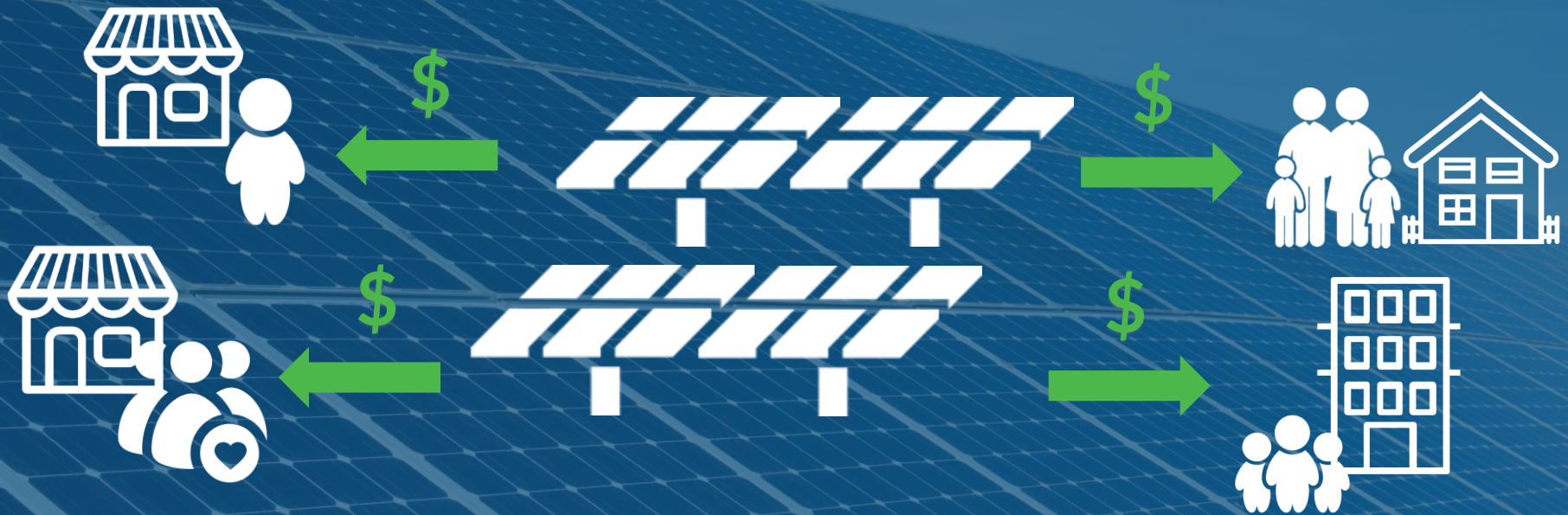


Solar Energy





What is an Urban Solar Garden?



Local Affordable Accessible
Community

Made in New West, for New West

Energy from City Rooftops



Clean Energy Learning Experiences



Solar PV tours



Solar Education



Real time
Production Online

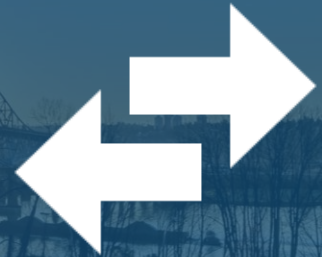
Easy Subscription



Pay once, get
credits for 25
years (Target
price/panel:
\$1000)



No installation
or maintenance
fees



Transfer your
credit within
New West
Utility Service
Area

The Tech Specs



50kW

200 Panels

25 years of solar electricity

54,000 kWh / year

270 kWh/year per panel
subscription

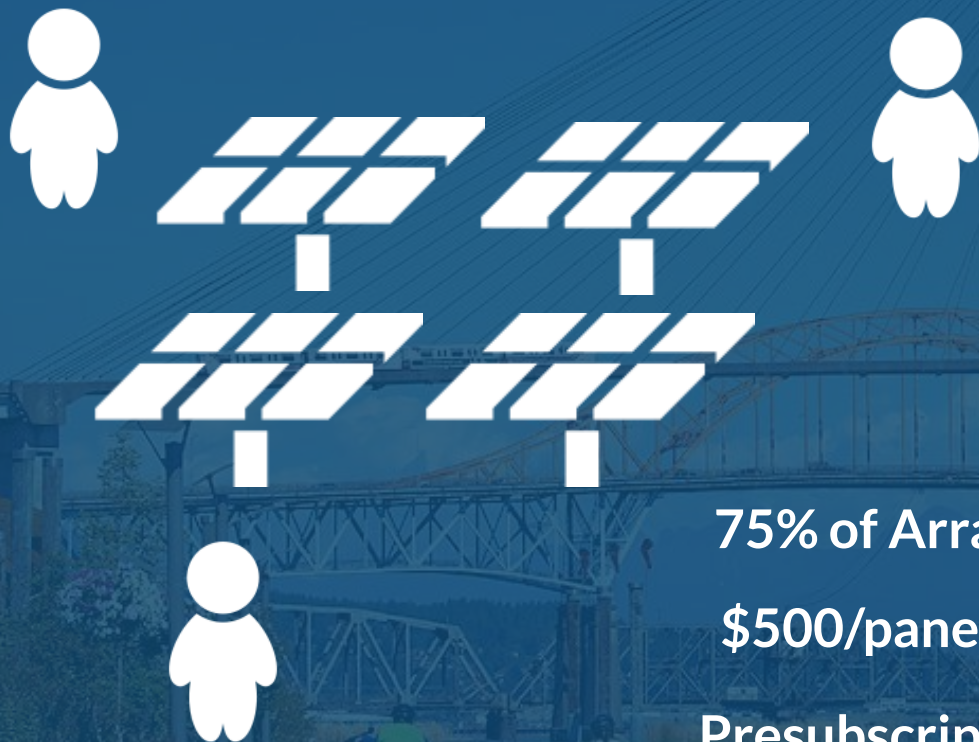


5 Homes



12 Apartments

Help us shape New West's Clean Energy Future



75% of Array Presubscribed (150 panels)

\$500/panel deposit required

Presubscriptions open in September 2017



July 20

Public Information Session #1



Preliminary
Project Design
Completed



September 14

Public Information
Session #2



Evaluate community
interest

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

Summer
2018

PechaKucha



September 12

Presentation to Utility Commission

30 Day PreSale
Period

Concept Development

Design and
Engineering

Construction



Q&A

Questions? Thoughts? Comments?
Share you thoughts with us!

What's Next

Public Information Session: September 2017

Presubscriptions start September 2017

Please fill out survey

Visit energysavenewwest.ca for future updates



URBAN SOLAR GARDEN


NEW WESTMINSTER

 ENERGY SAVE
NEW WEST

Thank You!