

Education for Low Emission Climate Resilient Development



VOLUNTEERS FOR ENVIRONMENT
SOCIAL HARMONY
AND IMPROVEMENT



Volunteers for Environment Social Harmony and Improvement

VESHI

Since 1988

Addu High School

417 students

Over 800 graduates

National Top Ten students

Project objective

To provide practical education to students on low emission climate resilient development, so that students lead the future of the Maldives towards carbon neutrality.

Awareness on climate change & energy security



Conducting energy audits



Designing solar PV system



Installing solar PV on rooftop



48 students

Grade 11 and 12

Science and Business streams



0.73 kW
Current power



10.51 kWh
Energy today



26.05.2014 15:14

4.41 USD
Yield today



Month
4.83 USD

Year
4.83 USD

Total
4.83 USD



8.41 kg
CO₂ savings today

Corresponds to car kilometers...



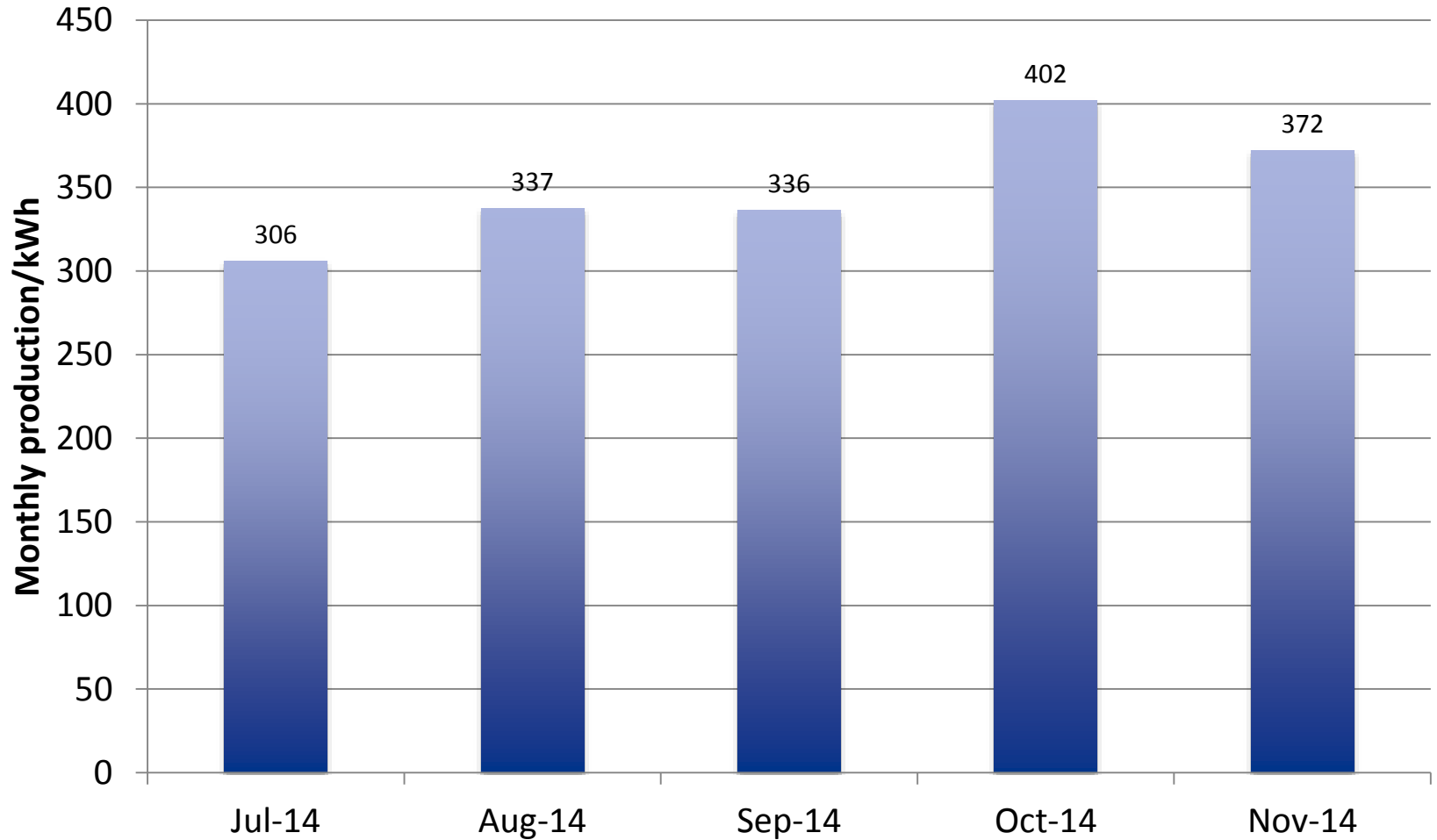
Today: 56 km
Total: 61 km

Corresponds to trees planted...



Today: 0
Total: 0

Total 2113 kWh July – Dec 2014
352 kWh per month on average



Expected results

Students understand energy use patterns in homes and schools

Students learn how to conduct energy audits

Students design and execute solar energy system

Zayed Future Energy Prize

Announced by His Highness General Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi

Celebrates achievements that reflect impact, innovation, longterm vision and leadership in renewable energy and sustainability

Global High Schools Asia Winner 2015



Zayed Prize Award

USD100,000 award

Install 40 kW solar PV

To become first carbon neutral school

When we work with schools

students, teachers and parents learn

a whole community learns

Start small to go big

A whole school is transformed

From an energy consumer, school becomes an
energy producer

Thank you



Thank you



Thank you



Maldives Energy Authority

Thank you

Swimsol

Thank you



VOLUNTEERS FOR ENVIRONMENT
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Volunteers

Nil Bill Homes

Laamu Atoll Gan

- Home design
- Energy efficiency
- Rooftop solar production
- Battery storage
- Test wind energy

Small Grant Programme of Low Emission Climate Resilient Development project

Green Healing Hospital

Alif Dhaalu Atoll Hospital

- Energy efficiency
- Renewable energy
- Clean safe water
- Proper waste management
- Healing gardens



Energy Adaptation in Resorts

Study of opportunities and barriers to adaptation of energy sector in resorts to climate change

Tourism Adaptation Project



Thank you