

**Pacific High-level Policy Dialogue on  
“The Role of Macroeconomic Policy and Energy Security in supporting  
Sustainable Development in the Pacific”**

**8-9 October 2012, Nadi, Fiji**

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**Session 2 – Enhancing Energy Security for Sustainable Development**

*Presentation*

**Enhancing Energy Security for Sustainable Development:  
Solomon Islands context**

by

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# Enhancing Energy Security for Sustainable Development – Solomon Islands context.

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## Outline

- Present situation
- Present Plans
- Challenges
- Way forward

## Present situation:

- Access to electricity - around 12 % (10, 748 HH out of 91,251 HH – 2009 Census)
- Power Generation - Almost 100% diesel-based, High tariff
- Fuel Imports - 56% of total imports (2011)
- Use of Fuel - 15 – 20% power generation, transportation consumes majority of oil imports
- Energy Efficiency - Less work so far.
- Policy - National Energy Policy Framework

## Present Situation

- Legislation - Electricity Act.
- IPP Framework - Currently drafted in preparation for Tina River Hydropower scheme
- FDI - Registration of two foreign investors in renewable energy sector (2011)

## Present Plans:

### Renewable Energy

- Hydro-power - Tina River Hydropower development (15-20MW) for Honiara – IPP; Small hydro for 5 provincial out-stations.
- Solar Power - PEC Fund – 2000 HHs in rural areas to be installed with solar PV – user-pay approach; Rural schools & clinics Solar Electrification programme.

## Present Plan

- Geothermal - Kentor Energy Ltd issued with prospecting license for geothermal resource on Savo island.
- Energy Efficiency - Pacific Appliance & Labeling Standards (SPC)
- Renewable Energy Investment Plan - ADB (SREP – Climate Investment Plan) – June 2013.
- Petroleum & EE Investment Plan - SPC



## Challenge & Solution

<u>Challenge</u>		<u>Government's Solution</u>
– Low electrification rate	-	RE Investment Plan
– High electricity tariff	-	RE development
– Land tenure issues	–	Partnership with Landowners
– Financing	-	IPP Investment, Loan, Micro-credit financing.
– Legislation	-	IPP framework
– Data collection	-	Need assistance

## Way Forward

### Recommendation

Completion of Investment Plans in RE, EE & Petroleum sectors (April 2013) should show gaps that Solomon Islands would need assistance.