

Comparison of TERM Framework and TERMPlus Framework

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Background

Tonga Energy Road Map (TERM) 2010-2020 was a ten-year plan to:

- Reduce Tonga's vulnerability to oil price shocks and
- Achieve an Increase in Quality Access to Modern Energy Services in an Environmentally Sustainable Manner
- The TERM 2010-2020 was a first of its kind, followed a least cost approach and recommended a detailed program of activities to achieve its objectives

The TERMPlus 2021-2035 is a 15-year plan:

- Build around a consistent set of (quantifiable) targets
- Identifying measure and requirements to achieve those targets
- Alignment with targets set in other official documents

**New guiding document for development of Tonga's energy sector to take over from TERM.
Builds on TERM results and learns from challenges.**

Content and Structure

TERM 2010 - 2020:

- Policy, legal, regulatory and institutional
- Grid Electricity and Renewables
- Off-grid electricity
- Petroleum
- Energy efficiency
- Environmental considerations
- Phased approach: Phase 0, 1 and 2

TERMPlus 2021-2035:

- Supply
- Final consumption
- Electricity generation
- Cross cutting issues
 - Policy, Regulations, Legal, Incentives
 - Data collection
 - climate change / resilience
 - gender

Comparison TERM and TERMPPlus Objectives



TERM objectives/goals:

Reduced vulnerability to oil price shocks, reducing price and price fluctuation

Reduced dependence on fossil fuels

Increased share of electricity generated from renewable sources to 50%

Increased access to electricity

Increased conversion efficiency of fossil-fueled electricity generation

Reduced transmission and distribution losses to below 9%

Introduction of demand side energy efficiency measures

TERMPPlus objectives/goals:

Reduce total amount of diesel imports in 2035 by 10% compared to 2015

Increase security of supply (e.g. days of storage capacity)

70% electricity generation from renewable source

Limit growth in oil consumption to 1% per year on average for the period 2021-2035

Limit growth in grid-connected residential end-use of electricity to 1% per year on average for the period 2021-2035

Maintain line losses at under 9%

“New” areas introduced or given more prominence in TERMPlus

- Transport
- Energy efficiency
- Resilience to Climate Change for the energy sector
- Gender considerations

Thank You
