



Energy Sector Development Project (P144573)

EAST ASIA AND PACIFIC | Tuvalu | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 6 | ARCHIVED on 07-Dec-2017 | ISR29018 |

Implementing Agencies: Government of Tuvalu, Tuvalu Electricity Corporation

Key Dates

Key Project Dates

Bank Approval Date:26-Jan-2015

Effectiveness Date:06-May-2015

Planned Mid Term Review Date:28-May-2018

Actual Mid-Term Review Date:--

Original Closing Date:31-Mar-2019

Revised Closing Date:31-Mar-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective (PDO) is to enhance Tuvalu's energy security by reducing its dependence on imported fuel for power generation and by improving the efficiency and sustainability of its electricity system.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Renewable Energy Investments:(Cost \$7.40 M)

Energy Efficiency Investments:(Cost \$1.20 M)

Technical Assistance and Project Management Support:(Cost \$0.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial



Implementation Status and Key Decisions

Progress under the Project, while slower than anticipated, is moving. The Project Implementation Unit (PIU) currently includes TEC's General Manager as the Project Manager, a Procurement Adviser and a Project Officer, and an Energy Specialist has been engaged to work closely with the Procurement Specialist to advance key procurements. Activities supported under the Project comprise two main contracts: (i) Solar PV+Wind+Storage and control system package (renewable energy package) under Component 1 (which accounts for more than 80% of Project funds); and (ii) prepaid meters package under Component 2 (about 10% of Project funding). The renewable energy package should be advertised before end-December 2017 and the prepaid meters contract is out for bid. Following award of the contracts, disbursements under the Project are expected to pick up.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Substantial	● Substantial	● Substantial
Sector Strategies and Policies	● Moderate	● Moderate	● Moderate
Technical Design of Project or Program	● Substantial	● Substantial	● Substantial
Institutional Capacity for Implementation and Sustainability	● Substantial	● Substantial	● Substantial
Fiduciary	● Substantial	● Substantial	● Substantial
Environment and Social	● Substantial	● Substantial	● Low
Stakeholders	● Moderate	● Moderate	● Moderate
Other	--	--	--
Overall	● Substantial	● Substantial	● Substantial

Results

Project Development Objective Indicators

► Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,500.00
Date	30-Dec-2014	15-Jun-2017	16-Nov-2017	31-Mar-2019



▾ Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

► Projected lifetime fuel savings (Mega Joules (MJ), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15,693,382.00
Date	30-Dec-2014	15-Jun-2017	16-Nov-2017	31-Mar-2019

► Projected lifetime energy savings (Megawatt hour(MWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,724.00
Date	30-Dec-2014	15-Jun-2017	16-Nov-2017	31-Mar-2019

► Debtor days (Days, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	--	100.00	10.00
Date	30-Dec-2014	--	16-Nov-2017	31-Mar-2019

Overall Comments

Intermediate Results Indicators



► Generation Capacity of Renewable Energy (other than hydropower) constructed (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.13
Date	30-Dec-2014	15-Jun-2017	16-Nov-2017	31-Mar-2019

▲ Generation Capacity of Renewable Energy constructed – Wind (Megawatt, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.20
Date	30-Dec-2014	15-Jun-2017	16-Nov-2017	31-Mar-2019

▲ Generation Capacity of Renewable Energy constructed-Solar (Megawatt, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.93
Date	30-Dec-2014	15-Jun-2017	16-Nov-2017	31-Mar-2019

► Enable remote monitoring of RE Projects in 3 outer islands (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	30-Dec-2014	--	16-Nov-2017	31-Mar-2019



▶ Percentage of customers with prepaid meters (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	30-Dec-2014	--	16-Nov-2017	31-Mar-2019

▲ Prepaid Customers Feedback (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

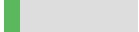

▶ Achievement of agreed Training Plan (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	100.00
Date	30-Dec-2014	--	16-Nov-2017	31-Mar-2019

Overall Comments

Data on Financial Performance

Disbursements (by loan)

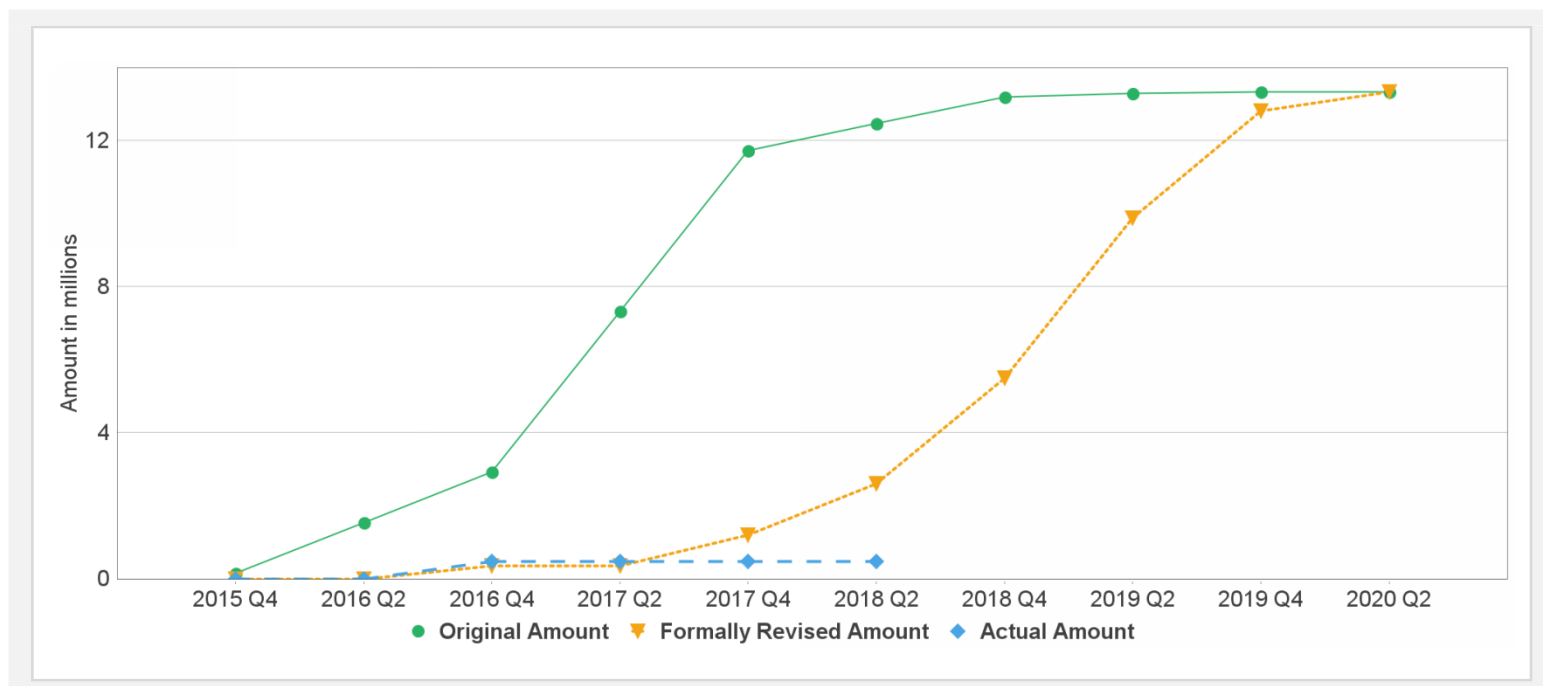
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P144573	IDA-D0290	Effective	USD	7.00	7.00	0.00	0.36	6.39	 5%
P144573	TF-18949	Effective	USD	2.10	2.10	0.00	0.12	1.98	 6%



Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P144573	IDA-D0290	Effective	26-Jan-2015	25-Feb-2015	06-May-2015	31-Mar-2019	31-Mar-2019
P144573	TF-18949	Effective	25-Feb-2015	25-Feb-2015	06-May-2015	31-Dec-2017	31-Dec-2017

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.