



Energy Sector Development Project (P144573)

EAST ASIA AND PACIFIC | Tuvalu | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 13 | ARCHIVED on 27-Jul-2021 | ISR47017 |

Implementing Agencies: 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: 10-Jul-2018

Actual Mid-Term Review Date: 05-Jul-2018

Original Closing Date: 31-Mar-2019

Revised Closing Date: 30-Sep-2022

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 Table

Name

Renewable Energy Investments:(Cost \$7.40 M)

Energy Efficiency Investments:(Cost \$0.70 M)

Technical Assistance and Project Management Support:(Cost \$1.00 M)

Overall Ratings

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

Implementation Status and Key Decisions

The COVID-19 outbreak has impacted implementation progress because of travel restrictions. However, all major procurement activities have been realized and major equipment such as solar PV panels were manufactured. Some of equipment for Battery Energy Storage System, Communication System and Energy Efficiency were shipped for storage in Tuvalu. Once the border restrictions are eased which enables contractor to visit the site and initiate construction works, the project is expected to make significant progress.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Sector Strategies and Policies	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	<input type="checkbox"/> Substantial	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Stakeholders	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Overall	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

Results

PDO Indicators by Objectives / Outcomes

To enhance Tuvalu's energy security by reducing its dependence on imported fuel for power generation				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	300.00	300.00	1,500.00
Date	30-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	50.00	50.00	50.00
▶ Projected lifetime energy savings (Megawatt hour(MWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	200.00	200.00	13,140.00



Date	30-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022
▶ Debtor days (Days, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	100.00	100.00	10.00
Date	30-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022

Intermediate Results Indicators by Components

Component 1. Renewable Energy Investments				
▶ Enable remote monitoring of RE Projects in 3 outer islands (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	31-May-2015	07-Dec-2020	31-May-2021	30-Sep-2022
▶ Generation capacity of energy constructed or rehabilitated (Megawatt, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.75
Date	31-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022
□ Renewable energy generation capacity (other than hydropower) constructed under the project (Megawatt, Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	0.75
Date	31-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022
▶ Storage capacity of battery constructed (Megawatt hour(MWh), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	31-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022
Component 2. Energy Efficiency Investments				



► Percentage of customers with prepaid meters (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	30-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022
□ Prepaid Customers Feedback (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

Component 3. Technical Assistance and Project Management Support				
► Achievement of agreed Training Plan (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	30.00	30.00	100.00
Date	30-Dec-2014	07-Dec-2020	31-May-2021	30-Sep-2022

Performance-Based Conditions

Data on Financial Performance

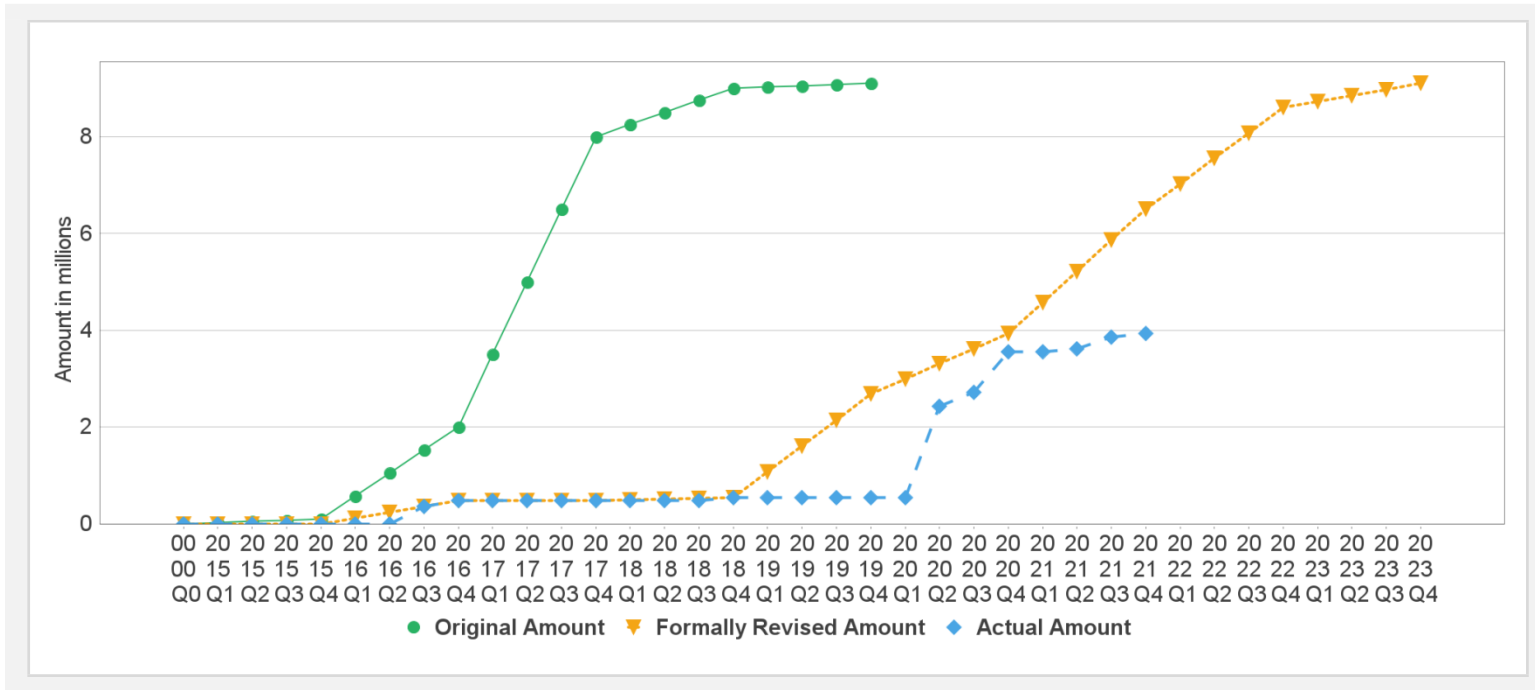
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P144573	IDA-D0290	Effective	USD	7.00	7.00	0.00	1.88	4.98	27%
P144573	TF-18949	Closed	USD	2.10	2.06	0.04	2.06	0.00	100%

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	30-Sep-2022
P144573	TF-18949	Closed	25-Feb-2015	25-Feb-2015	06-May-2015	31-Dec-2017	30-Nov-2019

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
--------	----------	-------------	-----	------------	--------------------	-------------------------	------------------------

Restructuring History

Level 2 Approved on 19-Dec-2017 ,Level 2 Approved on 21-Feb-2019 ,Level 2 Approved on 29-Jul-2020

Related Project(s)

There are no related projects.