



Sustainable Energy Development Project (P160910)

EAST ASIA AND PACIFIC | Marshall Islands | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2018 | Seq No: 4 | ARCHIVED on 25-Oct-2019 | ISR38908 |

Implementing Agencies: Republic of the Marshall Islands, Division of International Development Assistance (DIDA), Marshalls Energy Company (MEC), Kwajalein Atoll Joint Utilities Resources Inc (KAJUR), Kwajalein Atoll Development Authority - KADA, National Energy Office

Key Dates

Key Project Dates

Bank Approval Date: 15-Dec-2017

Effectiveness Date: 30-Apr-2018

Planned Mid Term Review Date: 02-Dec-2019

Actual Mid-Term Review Date:

Original Closing Date: 30-Dec-2022

Revised Closing Date: 30-Dec-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the project is to increase the share of renewable energy generation in the Recipient's territory, and enhance the reliability of electricity supply and improve energy efficiency in the Project Areas.

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

No

Components

Name

Renewable Energy Investments:(Cost \$28.63 M)

Promotion of Energy Efficiency and Loss Reduction Program:(Cost \$2.45 M)

Technical Assistance, Capacity Building, and Project Management:(Cost \$2.92 M)

Overall Ratings

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

Implementation Status and Key Decisions

The progress of the project is satisfactory. The project became effective on April 30, 2018. Ebeye genset rehabilitation is under implementation. The tender document for the main investment of the Majuro solar PV plant, the associated storage battery, and diesel generators was published on September 9, 2019. Some of the other procurements have been behind schedule by several months, but all planned activities are expected to be completed by the project closing date.



Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Substantial	● Substantial	● Substantial
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	● High	● Moderate	● Moderate
Stakeholders	● Moderate	● Moderate	● Moderate
Other	● Substantial	● Substantial	● Substantial
Overall	● Substantial	● Substantial	● Substantial

Results

PDO Indicators by Objectives / Outcomes

To increase the share of renewable energy generation in the Recipient's territory				
▶ Share of Renewable Energy in the Recipient's Territory (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	2.00	2.00	2.00	9.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022

To enhance the reliability of electricity supply in the Project Areas				
▶ MEC & KAJUR Average Generation SAIDI (Minutes, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3,300.00	3,300.00	3,300.00	2,400.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022

To improve energy efficiency in the Project Areas				
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►Distribution Loss Reduction in the Project Area (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022

Intermediate Results Indicators by Components

Renewable Energy Investments				
►Generation capacity of energy constructed or rehabilitated (Megawatt, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022
▲Thermal (conventional) power generation capacity constructed under the project (Megawatt, Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-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	3.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022
►Projected energy or fuel savings (Mega Joules (MJ), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	108,000,000.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022
▲Projected lifetime fuel savings (Mega Joules (MJ), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	108,000,000.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022



Promotion of Energy Efficiency and Loss Reduction Program				
▶Study on loss reduction available for KAJUR and MEC (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	30-Dec-2022
▶Energy Efficiency campaign targeting female consumers (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	4.00	5.00
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	20-Dec-2022

Technical Assistance, Capacity Building, and Project Management				
▶Annual report on grievances received under the grievance redress mechanism, including how feedback from the grievance redress mechanism has been taken into account under the project (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	20-Dec-2017	16-Apr-2019	31-Oct-2019	20-Dec-2022

Data on Financial Performance

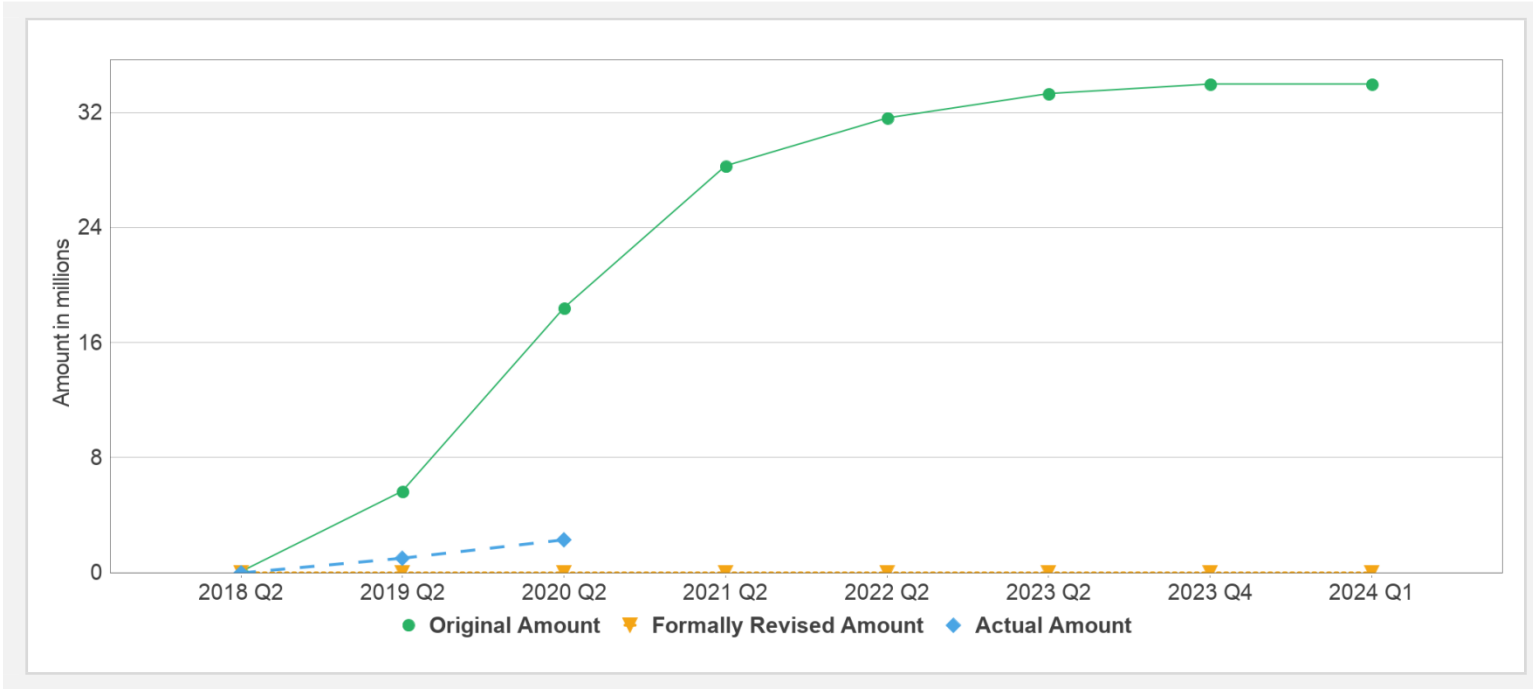
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P160910	IDA-D2610	Effective	USD	34.00	34.00	0.00	2.28	31.19	6.8%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P160910	IDA-D2610	Effective	15-Dec-2017	15-Mar-2018	30-Apr-2018	30-Dec-2022	30-Dec-2022

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.