



Solar PV Demonstration & Scale Up Project (P153404)

LATIN AMERICA AND CARIBBEAN | OECS Countries | Energy & Extractives Global Practice |
Recipient Executed Activities | Investment Project Financing | FY 2016 | Seq No: 4 | ARCHIVED on 21-Sep-2019 | ISR34373 |

Implementing Agencies: Ministry of Finance, Planning, Sustainable Development and Information Technology, Government of Saint Vincent and the Grenadines, Saint Lucia Project Coordination Unit, Grenada Project Coordination Unit, Ministry of Infrastructure, Energy Ports and Labour, Government of Grenada

Key Dates

Key Project Dates

Bank Approval Date: 11-Mar-2016

Effectiveness Date: 30-May-2016

Original Closing Date: 15-Apr-2018

Revised Closing Date: 30-Sep-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Grant Development Objectives of the project are to demonstrate the use of commercial scale PV systems in the Caribbean through pilot projects, and disseminate the results throughout the region.

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

No

Overall Ratings

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

Implementation Status and Key Decisions

Progress towards achieving project development objectives: The Project is expected to meet its project development objectives. As of August 2019, the solar PV projects in Grenada, St. Vincent and the Grenadines (SVG), and Saint Lucia (SLU) are installed, commissioned and operational. Regulatory issues led to delays in the commercial negotiations between the government and utility in SLU, but the parties are working to resolve these issues prior to project closure on September 30, 2019. Before project closure, the team will finalize a World Bank report on lessons learned from the three solar PV pilots to scale-up commercial scale rooftop solar PV in the Caribbean region.

Risks

Overall Risk Rating

Risk Category	Rating at Approval	Previous Rating	Current Rating
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Overall -- ● Moderate ● Moderate

5. Results

Project Development Objective Indicators

► Electricity generated by the pilot projects (Gigawatt-hour (GWh), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.27	0.79
Date	15-Mar-2016	08-Jan-2018	29-Aug-2019	30-Sep-2019

► Financial benefits obtained (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	43,763.00	129,000.00
Date	15-Mar-2016	08-Jan-2018	29-Aug-2019	30-Sep-2019

Overall Comments

The numbers above account for the solar PV production and savings from GRE and SVG. The team is awaiting numbers from SLU, whose system very recently came online. Delays in commissioning the systems may not allow the systems to meet the target prior to project closure. However, the SVG and GND systems are performing above expectations at the time of the Project Paper on a monthly (pro-rata) basis, and the financial savings are - on average - on target (SVG is expected to save more than expected and GND less, due to the different rates they negotiated with their respective utilities for the sale of solar PV electricity).

Intermediate Results Indicators

► Dissemination activities completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	3.00	9.00
Date	15-Mar-2016	08-Jan-2018	29-Aug-2019	30-Sep-2019

► Locations for PV installation identified, analyzed and determined, technically sound (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	3.00
Date	15-Mar-2016	08-Jan-2018	29-Aug-2019	31-Dec-2018



► Increased capacity of clients to enable them to structure and operate rooftop PV systems in collaboration with the local utility (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	30.00	60.00
Date	15-Mar-2016	08-Jan-2018	29-Aug-2019	30-Sep-2019

► Institutional arrangements for each PV pilot project are established and demonstrated (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	3.00
Date	15-Mar-2016	08-Jan-2018	29-Aug-2019	30-Sep-2019

Data on Financial Performance

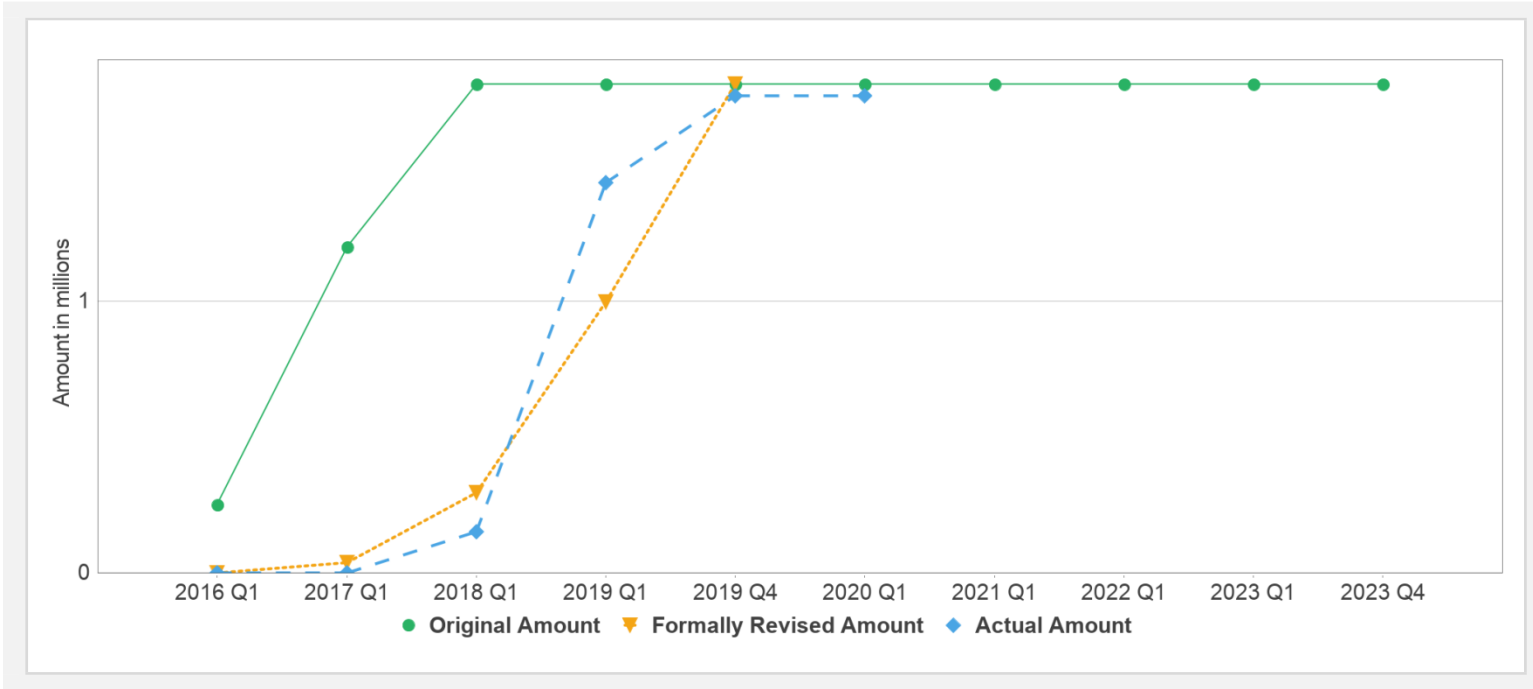
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P153404	TF-A1671	Effective	USD	0.60	0.60	0.00	0.60	0.00	100%
P153404	TF-A1673	Effective	USD	0.60	0.60	0.00	0.59	0.01	99%
P153404	TF-A1674	Effective	USD	0.60	0.60	0.00	0.56	0.04	94%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P153404	TF-A1671	Effective	25-May-2016	30-May-2016	30-May-2016	15-Apr-2018	30-Sep-2019
P153404	TF-A1673	Effective	25-May-2016	16-Jun-2016	16-Jun-2016	15-Apr-2018	30-Sep-2019
P153404	TF-A1674	Effective	25-May-2016	03-Jun-2016	03-Jun-2016	15-Apr-2018	30-Sep-2019

Cumulative Disbursements



Restructuring History

Level 2 Approved on 26-Sep-2017 ,Level 2 Approved on 16-Nov-2018

Related Project(s)

There are no related projects.