

# PMR Public Report

<b>Operation Number</b>	GY-G1004	<b>Chief of Operations Validation Date</b>	10/20/21
<b>Year- PMR Cycle</b>	First period Jan-Jun 2021	<b>Division Chief Validation Date</b>	
<b>Last Update</b>	10/05/21	<b>Country Representative Validation Date</b>	
<b>PMR Validation Stage</b>	Validated by Chief of Operations		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Sustainable Energy Program for Guyana	<b>Loan Number</b>	GRT/FM-13897-GY
<b>Executing Agency</b>	OFFICE OF THE PRIME MINISTER	<b>Sector/Subsector</b>	ENERGY-RURAL ELECTRIFICATION
<b>Team Leader</b>	Sologuren Blanco, Jaime	<b>Overall Stage</b>	Disbursing (From eligibility until all the Operations are closed)
<b>Operation Type</b>	Investment Grants	<b>Country</b>	Guyana
<b>Lending Instrument</b>		<b>Convergence related Operation(s)</b>	
<b>Borrower</b>			

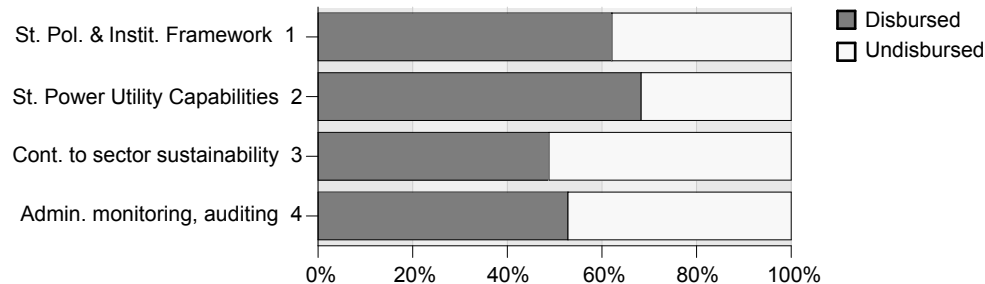
## Environmental and Social Safeguards

<b>Impacts Category</b>	C	<b>Was/Were the objective(s) of this operation reformulated?</b>	NO
<b>Safeguard Performance Rating</b>	Partially Satisfactory	<b>Date of approval</b>	
<b>Safeguard Performance Rating - Rationale</b>	Most activities have been completed with appropriate training and adequate environment and social (E&S) compliance except for the Kato mini-hydro component. With start of construction activities at Kato there has been lack of adequate updates on implementation of the Environment and Social Management Plan (ESMP) in semi-annual and progress reports – this includes outstanding evidence of a grievance mechanism and required Contractor ESMP. Disclosure of key E&S documents needs to be improved.		

## Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
GY-G1004	0	5,000,000	1,250,000	0	6,250,000	5,000,000	3,996,075.41	79.92%	1,003,924.59
<b>Aggregated</b>	<b>0</b>	<b>5,000,000</b>	<b>1,250,000</b>	<b>0</b>	<b>6,250,000</b>	<b>5,000,000</b>	<b>3,996,075.41</b>	<b>79.92%</b>	<b>1,003,924.59</b>

## Expense Categories by Loan Contract (cumulative values)



## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 1:** Increase quality energy access in Guyana

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	Population with access to electricity increased.	Percentage	85.00	2011	2021	P	90.00
						A	0.00

#### Details

**Means of verification:** Sector statistics

**Observations:** Based on Country Strategy 2012-2016

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
<p>The General Development objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO)</p>			

## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 2:** Contribute to sector sustainability and reduction of Greenhouse Gas (GhG) emissions

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.1	Investment in Renewable Energy Technologies mobilized	US\$	0.00	2011	2021	P	19,950,000.00
						A	0.00

#### Details

**Means of verification:** Progress reports of Operation; purchase of RETs using parallel-financing

**Observations:** Parallel-financing resources committed to the GEF at project approval must be monitored during project implementation.

**Pro-Gender** No **Pro-Ethnicity** No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
in Convergence (CO)

No

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.1	Implementation of a Corporate Development Program for GP&L	No.	0.00	2011	2021	P	1.00
						A	1.00

#### Details

**Means of verification:** Document report on the implementation of the Management Strengthening Program

**Observations:** This is part of the execution of GY-L1041 loan operation

**Pro-Gender** No **Pro-Ethnicity** No

The General Development  
bjective indicator target is  
expected to be observed by  
the operation's "Fully  
Justified" date  
in Convergence (CO)

No

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 1:** Rural communities have access to RE supply.

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
1.1	Number of rural end-users supplied with sustainable electricity service from installed RETs.	persons	6,900.00	2011	P			27,500.00
					A	0.00	0.00	0.00
Details								
Means of verification: Final evaluation report								
Observations: Based on average 40-W installed RET capacity per end-user								
Pro-Gender		No		Pro-Ethnicity		No		

**Specific Development Objectives Nbr. 2:** Increase in rural energy supply from RE sources

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
2.1	Amount of annual energy production by installed rural RETs	MWh/yr	198.00	2011	P			12,222.00
					A	0.00	0.00	0.00
Details								
Means of verification: Metering reports by operating entity								
Observations: Based on installed capacity of 2,330-kW hydro and 1,253-kW solar PV								
Pro-Gender		No		Pro-Ethnicity		No		

**Specific Development Objectives Nbr. 3:** Increase in energy supply from RE sources injected to the national grid

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
3.1	Amount of annual energy production by installed on-grid wind turbine	MWh/yr	0.00	2011	P			789.00
					A	0.00	0.00	0.00
Details								
Means of verification: Metering reports by operating entity; sector statistics								
Observations: Based on installed capacity of 300-kW on-grid wind turbine								
Pro-Gender		No		Pro-Ethnicity		No		

**Specific Development Objectives Nbr. 4:** Technical, social and financial sustainability of on-grid RETs demonstrated

**Observation:**

Indicator		Unit of	Baseline	Baseline		2019	2021	EOP 2022
-----------	--	---------	----------	----------	--	------	------	----------

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

		Measure		Year				
4.1	Number of on-grid RE projects evaluated.	# projects	0.00	2011	P			1.00
					A	0.00	0.00	0.00
Details								
<b>Means of verification:</b> Projects final evaluation								
<b>Observations:</b> At least one project constructed and connected to the grid assessed to evaluate technical, social and financial sustainability								
<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

**Specific Development Objectives Nbr. 5:** Technical, social and financial sustainability of rural RETs demonstrated

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
5.1	Number of rural RE projects evaluated.	# projects	0.00	2011	P			2.00
					A	0.00	0.00	0.00
Details								
<b>Means of verification:</b> Business plans of operating entities; final evaluation reports								
<b>Observations:</b> For individual PV systems and small hydro power								
<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

**Specific Development Objectives Nbr. 6:** Increase of technical and managerial skills for implementing RETs by GP&L

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
6.1	Investment to implement a Corporate Development Program	US\$	0.00	2011	P			20,000,000.00
					A	1.00	0.00	0.00
Details								
<b>Means of verification:</b> Official document with investment approved								
<b>Observations:</b> The implementation of a Corporate Development Program to improve GP&L's capacities vis-à-vis the LCDS, has been analyzed by IDB and the GoG								
<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

**Specific Development Objectives Nbr. 7:** Increase of local capacities to implement and operate RETs for rural electrification

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
7.1	Trainings conducted	# trainings	2.00	2011	P			7.00

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

7.1	Trainings conducted	# trainings	2.00	2011	A	0.00	0.00	0.00
Details								
<b>Means of verification:</b> Projects final evaluation								
<b>Observations:</b> Training in RETs will be carried out in Hinterland and in the coastal zone of Guyana								
<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

#### Specific Development Objectives Nbr. 8: GEF Performance Ratings

##### Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
8.0	Rating of Likelihood of Achieving Project Global Environmental Objective (DO) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	#	0.00	2013	P			
					A	3.00	3.00	

##### Details

**Means of verification:** Based on Program execution

<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
8.2	Rating of Implementation Progress (IP) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	#	0.00	2013	P			
					A	3.00	3.00	

##### Details

**Means of verification:** Based on Program execution

<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2022
8.3	Rating of overall Risk that may affect project performance (RISK) (Scale 1 - 4, where 1 = High Risk [H] and 4 = Low Risk [L])	#	0.00	2013	P			
					A	3.00	3.00	

##### Details

**Means of verification:** Based on Program execution

<b>Pro-Gender</b>			No			<b>Pro-Ethnicity</b>		
						No		

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 I. Strengthening of the policy and institutional framework to implement RETs in Guyana

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2022	2021	EOP 2022
1.1	Legal and technical revision of electricity regulatory framework developed.	# revisions	P		1		100,000
			P(a)	0	1	0	267,500
			A	0	1	0	267,500
1.2	Public Awareness campaign developed	# campaigns	P		4		110,000
			P(a)	0	5	17,500	87,360
			A	0	5	0	69,860

## Component Nbr. 2 II. Strengthening of the Power Utility capabilities and promote the use of RETs

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2022	2021	EOP 2022
2.1	Wind Measuring Stations	# stations	P		2		140,000
			P(a)	3	4	72,900	245,875
			A	0	1	0	172,975

## Component Nbr. 3 III. Contribute to sector sustainability with the implementation of RETs for electricity generation

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2022	2021	EOP 2022
3.1	Solar-PV projects installed for rural electrification	kW	P		1,112		805,000
			P(a)	45	199	724,290	1,785,280
			A	0	154	224,210	1,285,200
3.2	Rural hydro power projects installed	kW	P		2,330		2,000,000
			P(a)	150	150	1,377,103	2,067,853
			A	0	0	225,190	915,940
3.3	On-grid RET (wind power) installed	kW	P		300		800,000
			P(a)	0	0	0	0
			A	0	0	0	0
3.4	On-grid PV projects installed	kW	P		180		795,000
			P(a)	0	180	0	318,932
			A	0	180	0	318,932

## Other Cost

	Project Management	P					1,500,000
		P(a)				108,200	227,200
		A				16,520	135,520

## Total Cost

	Total Cost	P					6,250,000
		P(a)				2,299,993	5,000,000
		A				465,920	3,165,927

**CHANGES TO THE MATRIX**

No information available for this section



## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Active		Political Environment
	Response actions		
	1.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
2	Active		Institutional Environment
	Response actions		
	2.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
3	Active		Institutional Environment
	Response actions		
	3.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
4	Active		Technical Design
	Response actions		
	4.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
5	Active		Technical Design
	Response actions		
	5.0	Management Strategy	Status
		-	

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
6	Active		Social Environment
	Response actions		
	6.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
7	Active		Institutional Environment
	Response actions		
	7.0	Management Strategy	Status
		-	

# PMR Public Report

## IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Others - Technical-Sectorial Dimensions
Project Design