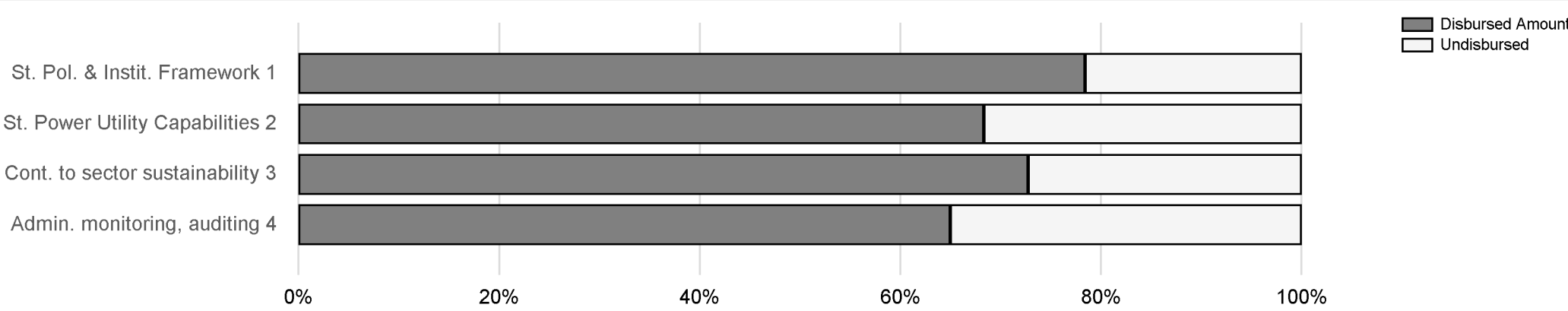


PMR Public Report

Operation Number	GY-G1004	Chief of Operations Validation Date	05/12/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	05/12/23
Last Update	05/09/23	Country Representative Validation Date	05/15/23
PMR Validation Stage	Validated by Representative		
Basic Data			
Operation Profile			
Operation Name	Sustainable Energy Program for Guyana	Loan Number	GRT/FM-13897-GY
Executing Agency	OFFICE OF THE PRIME MINISTER	Sector/Subsector	ENERGY-RURAL ELECTRIFICATION
Team Leader	MASSON, MALAIKA EBONY ANIETIA	Overall Stage	Fully Disbursed
Operation Type	Investment Grants	Country	Guyana
Lending Instrument		Convergence related Operation(s)	
Borrower			
Environmental and Social Safeguards			
Impacts Category	C	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	Construction of the Kato mini-hydro component comprises the main activities with ongoing environment and social (E&S) liabilities. There continues to be a lack of evidence of the implementation of the social management plan outlined in the project’s main Environmental Assessment Management Plan (EAMP). Additionally, risk of material harm remains based on the absence of the code of conduct, the gender action plan, unresolved worker non-payment, and non-compliance with environment and social safeguards. The PIU continues to reflect a lack of capacity particularly as it relates to grievance redress management, and timely reporting on E&S issues. Challenges remain with general contractor management, poor Contractor ESMP (CESMP) implementation and measures to address E&S commitments.		
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Financial Data			

	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
GY-G1004	5,000,000	5,000,000	1,250,000	0	6,250,000	5,000,000	4,999,999.88	100.00%	-
Aggregated	5,000,000	5,000,000	1,250,000	0	6,250,000	5,000,000	4,999,999.88	0.00%	-
Expense Categories by Loan Contract (cumulative values)									



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

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	EOP 2023	
1.1	Population with access to electricity increased.	Percentage	85	2011	2021	P	90
						A	86

Details

Means of Verification: Sector statistics

Observations: Based on Country Strategy 2012-2016

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

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	EOP 2023	
2.1	Investment in Renewable Energy Technologies mobilized	US\$	0	2011	2021	P	19,950,000
						A	6,868,893

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.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
2.1	Implementation of a Corporate Development Program for GP&L	No.	0	2011	2021	P	1
						A	1

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

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: Implement sustainable business models for Operation and Maintenance (O&M) of Renewable Energy (RE) projects

Observation: Specific Objective defined at Approval. Result associated to indicator 1.1 in POD: Increase of technical and managerial skills for implementing RETs by GP&L.

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
0.1	Trainings conducted	# trainings	2	2011	P	-	-	-	-	7
					A	-	5	1	-	6

Details

Means of Verification: Projects final evaluation

Observations: Training in RETs will be carried out in Hinterland and in the coastal zone of Guyana

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

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

Observation: Specific Objective defined at Approval. Result associated to indicator 2.1 in POD: Rural communities have access to RE supply.

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
1.1	Number of rural end-users supplied with sustainable electricity service from installed RETs.	persons	6900	2011	P	-	-	-	-	27,500
					A	-	19,300	-	-	19,300

Details

Means of Verification: Final evaluation report

Observations: Based on average 40-W installed RET capacity per end-user

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 2: Reduce the long-term operational costs of on-grid and off-grid electricity service

Observation: Specific Objective defined at Approval. Result associated to indicator 3.1 in POD: Increase of technical and managerial skills for implementing RETs by GP&L.

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
2.1	Investment to implement a Corporate Development Program	US\$	0	2011	P	-	-	-	-	20,000,000
					A	1	7,807,411.35	-	-	7,807,411.35

Details

Means of Verification: Official document with investment approved

Observations: 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

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 3: Contribute to sector sustainability and reduction of Greenhouse Gas (GhG) emissions

Observation: Specific Objective defined at Approval. Result associated to indicators in POD: (4.1) Increase in rural energy supply from RE sources; (4.2) Increase in energy supply from RE sources injected to the national grid; (4.3) Technical, social and financial sustainability of on-grid RETs demonstrated ; (4.4) Technical, social and financial sustainability of rural RETs demonstrated;

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
3.1	Amount of annual energy production by installed rural RETs	MWh/yr	198	2011	P	-	-	-	-	12,222
					A	-	3,284.45	4,488.45	-	4,488.45

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

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator							

Means of Verification: Metering reports by operating entity; sector statistics

Observations: Based on installed capacity of 300-kW on-grid wind turbine

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator								
Indicator					Unit of Measure	Baseline	Baseline Year	2019	2021	2022	2023	EOP 2023
3.1	Number of on-grid RE projects evaluated.			# projects	0	2011	P	-	-	-	-	1
							A	-	-	7	-	7
Details												

Means of Verification: Projects final evaluation

Observations: At least one project constructed and connected to the grid assessed to evaluate technical, social and financial sustainability

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator							

Means of Verification: Business plans of operating entities; final evaluation reports

Observations: For individual PV systems and small hydro power

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator						

Specific Development Objectives Nbr. 4: GEF Performance Ratings

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
4.0	Rating of Likelihood of Achieving Project Global Environmental Objective (DO) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	#	0	2013	P	-	-	-	-	3
					A	3	3	3	-	3
Details										

Means of Verification: Based on Program execution

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator						
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	Indicator	Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
4.2	Rating of Implementation Progress (IP) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	#	0	2013	P	-	-	-	-	3
					A	3	3	3	-	3
Details										

Means of Verification: Based on Program execution

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator						

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	2022	2023	EOP 2023
4.3	Rating of overall Risk that may affect project performance (RISK) (Scale 1 - 4, where 1 = High Risk [H] and 4 = Low Risk [L])	#	0	2013	P	-	-	-	-	3
					A	3	3	3	-	3
Details										

Means of Verification: Based on Program execution

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator						

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

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

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
1.01	Legal and technical revision of electricity regulatory framework developed.	# revisions	P	-	1	-	100,000
			P (a)	-	1	-	267,500
			A	-	1	-	267,500
1.02	Public Awareness campaign developed	# campaigns	P	-	4	-	110,000
			P (a)	-	5	-	87,360
			A	-	5	17,500	104,860

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

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
2.01	Wind Measuring Stations	# stations	P	-	2	-	140,000
			P (a)	-	1	-	192,705
			A	-	1	-	192,705

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

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
3.01	Solar-PV projects installed for rural electrification	kW	P	-	1,112	-	805,000
			P (a)	-	154	34,453	1,807,183
			A	-	154	29,830	1,802,560
3.02	Rural hydro power projects installed	kW	P	-	2,330	-	2,000,000
			P (a)	150	150	902,053	2,018,716
			A	-	-	590,177	1,755,977
3.03	On-grid PV projects installed	kW	P	-	180	-	795,000
			P (a)	-	180	-	318,932
			A	-	180	-	318,932

Other Cost				
	Project Management	P		1,500,000
		P (a)	82,472	236,102
		A	40,032	196,102
Total Cost				
	Total Cost	P	0	6,250,000
		P (a)	1,018,978	4,928,498
		A	677,539	4,638,636

CHANGES TO THE MATRIX					
Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	On-grid RET (wind power) installed	Modify Output	Inactivate Output	ANDREWT	5/5/2023
	Rural hydro power projects installed	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	ANDREWT	5/8/2023

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		Institutional Environment
	Response Actions		
	1	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
2	Active		Institutional Environment
	Response Actions		
	2.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
3	Inactive		Technical Design
	Response Actions		
	3	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
4	Inactive		Political Environment
	Response Actions		
	4	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
5	Inactive		Technical Design
	Response Actions		
	5	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
6	Inactive		Institutional Environment
	Response Actions		
	6	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
7	Inactive		Social Environment
	Response Actions		
	7	Management Strategy	Status

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Project Management Capacity
Others - Organizational and Managerial Dimensions