



Operation Number: **GY-G1004**
Year- PMR Cycle: **Second period Jan-Dec 2015**
Last Update: **3/17/2016**
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **03/30/2016**
Division Chief validation date: **04/11/2016**
Country Representative validation date: **04/11/2016**

Inter-American Development Bank - IDB
Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

Operation name:	Sustainable Energy Program for Guyana	Loan Number:	GRT/FM-13897-GY
Executing Agency (EA):	OFFICE OF THE PRIME MINISTER		
Team Leader:	Echeverría Echeverría,Carlos Bladimir	Sector/Subsector:	RURAL ELECTRIFICATION
Operation Type:	Investment Grants	Overall Stage:	Approved/Pending Eligibility
Lending Instrument:		Country:	GUYANA
Borrower:	Convergence related Operation(s):		

Total Cost and Source

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate
GY-G1004	\$5,000,000.00	\$5,000,000.00	\$1,250,000.00	\$0.00	\$6,250,000.00

Available Funds (US\$)

	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
GY-G1004	\$5,000,000.00	\$63,306.87	1.27%	\$4,936,693.13

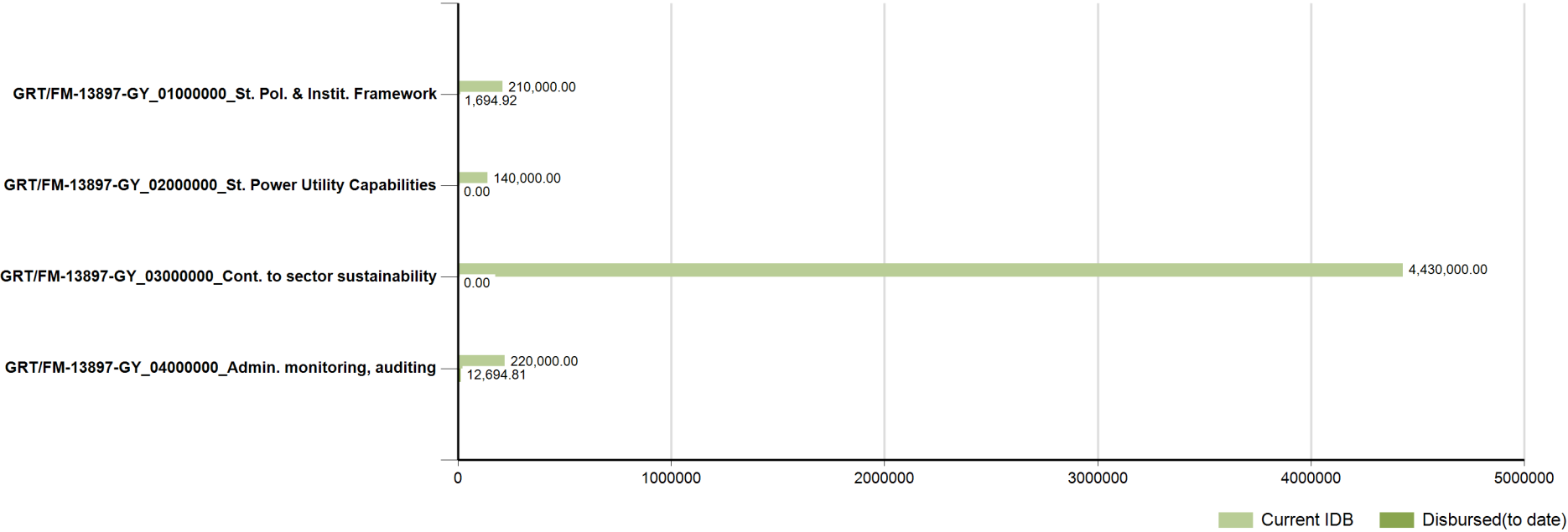
Environmental and Social Safeguards

Main Operation	
Impacts Category:	C
Safeguard Performance Rating:	
Safeguard Performance Rating - Rationale:	

Reformulation Information

Main Operation	
Was/Were the objective(s) of this operation reformulated?	NO
Date of approval:	

Expense Categories by Loan Contract (cumulative values)



Results Matrix

Impacts

Impact:	1 Increase quality energy access in Guyana							
Observation:								
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
1.1 Population with access to electricity increased.		Percentage	85.00	2011	Sector statistics	Based on Country Strategy 2012-2016	P	90.00
							P(a)	90.00
							A	0.00
Impact:	2 Contribute to sector sustainability and reduction of Greenhouse Gas (GhG) emissions							
Observation:								
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
2.1 Investment in Renewable Energy Technologies mobilized		US\$	0.00	2011	Progress reports of Operation; purchase of RETs using parallel-financing	Parallel-financing resources committed to the GEF at project approval must be monitored during project implementation.	P	19,950,000.00
							P(a)	19,950,000.00
							A	0.00
2.1 Implementation of a Corporate Development Program for GP&L		No.	0.00	2011			P	
							P(a)	1.00
							A	0.00

RF - RF Indicator SI - Sector Indicator CI - Country Indicator PG - Pro-Gender PE - Pro-Ethnicity

Outcomes

Outcome:	1 Rural communities have access to RE supply.																																	
Observation:																																		
<table border="1"> <thead> <tr> <th rowspan="2">Indicators</th> <th rowspan="2">Flags*</th> <th rowspan="2">Unit of Measure</th> <th rowspan="2">Baseline</th> <th rowspan="2">Baseline Year</th> <th rowspan="2">Means of verification</th> <th rowspan="2">Observations</th> <th colspan="2">EOP</th> </tr> <tr> <th>P</th> <th>P(a)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1.1 Number of rural end-users supplied with sustainable electricity service from installed RETs.</td> <td></td> <td rowspan="3">persons</td> <td rowspan="3">6,900.00</td> <td rowspan="3">2011</td> <td rowspan="3">Final evaluation report</td> <td rowspan="3">Based on average 40-W installed RET capacity per end-user</td> <td>P</td> <td>27,500.00</td> </tr> <tr> <td></td> <td>P(a)</td> <td>27,500.00</td> </tr> <tr> <td></td> <td>A</td> <td>0.00</td> </tr> </tbody> </table>									Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP		P	P(a)	1.1 Number of rural end-users supplied with sustainable electricity service from installed RETs.		persons	6,900.00	2011	Final evaluation report	Based on average 40-W installed RET capacity per end-user	P	27,500.00		P(a)	27,500.00		A	0.00
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							P(a)	27,500.00																										
							A	0.00																										
Outcome:	2 Increase in rural energy supply from RE sources																																	
Observation:																																		

Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
5.1 Number of rural RE projects evaluated.			# projects	0.00	2011	Business plans of operating entities; final evaluation reports	For individual PV systems and small hydro power	P	2.00
								P(a)	2.00
								A	0.00
Outcome:		6 Increase of technical and managerial skills for implementing RETs by GP&L							
Observation:									
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
6.1 Investment to implement a Corporate Development Program			US\$	0.00	2011	Official document with investment approved	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	P	20,000,000.00
								P(a)	20,000,000.00
								A	0.00
Outcome:		7 Increase of local capacities to implement and operate RETs for rural electrification							
Observation:									
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
7.1 Trainings conducted			# trainings	2.00	2011	Projects final evaluation	Training in RETs will be carried out in Hinterland and in the coastal zone of Guyana	P	7.00
								P(a)	7.00
								A	0.00

Outputs: Annual Physical and Financial Progress

I. Strengthening of the policy and institutional framework to implement RETs in Guyana		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP
Legal and technical revision of electricity regulatory framework developed.	# revisions	P	0.00	1.00	P		100,000.00
		P(a)	0.00	1.00	P(a)	0.00	100,000.00
		A	0.00	0.00	A	0.00	0.00
Public Awareness campaign developed	# campaigns	P	1.00	4.00	P	27,500.00	110,000.00
		P(a)	1.00	4.00	P(a)	35,000.00	110,000.00
		A	0.00	0.00	A	1,700.00	1,700.00
II. Strengthening of the Power Utility capabilities and promote the use of RETs		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP
Wind Measuring Stations	# stations	P	0.00	2.00	P		140,000.00
		P(a)	2.00	4.00	P(a)	130,000.00	140,000.00
		A	0.00	0.00	A	5,500.00	5,500.00
III. Contribute to sector sustainability with the implementation of RETs for electricity generation		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2015	EOP		2015	EOP
Solar-PV projects installed for rural electrification	kW	P	570.00	1,112.00	P	400,000.00	805,000.00
		P(a)	408.50	1,112.00	P(a)	44,000.00	805,000.00
		A	0.00	35.00	A	0.00	0.00
Rural hydro power projects installed	kW	P	0.00	2,330.00	P	100,000.00	2,000,000.00
		P(a)	0.00	2,330.00	P(a)	0.00	2,000,000.00
		A	0.00	0.00	A	0.00	0.00
On-grid RET (wind power) installed	kW	P	0.00	300.00	P	0.00	800,000.00
		P(a)	0.00	300.00	P(a)		800,000.00
		A	0.00	0.00	A	0.00	0.00
On-grid PV projects installed	kW	P	0.00	180.00	P	0.00	795,000.00
		P(a)	0.00	180.00	P(a)	125,800.00	795,000.00
		A	0.00	0.00	A	0.00	0.00
Other Cost					2015		Cost
Project Management				P	\$100,000.00		\$1,500,000.00
				P(a)	\$25,000.00		\$1,500,000.00
				A	\$10,100.00		\$10,100.00
Total Cost					2015		Total Cost
				P	\$627,500.00		\$6,250,000.00
				P(a)	\$359,800.00		\$6,250,000.00
				A	\$17,300.00		\$17,300.00

Changes to the Matrix

Section	Name	Type of Change	Reasons	Entered in the System	Agreed with Executing Agency
Output	Solar-PV projects installed for rural electrification	Modify Financial P(a) value	Nothing to report. System is not adequately adding up the p(a) amounts.	3/16/2016	3/14/2016

Please note that the Overall Stage represents the stage of the operation at the time of this report's publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains.