

PMR Operational Report

Operation Number	GY-L1041	Chief of Operations Validation Date	04/05/18
Year- PMR Cycle	Second period Jan-Dec 2017	Division Chief Validation Date	04/19/18
Last Update	03/16/18	Country Representative Validation Date	04/24/18
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Power Utility Upgrade Program	Loan Number	3238/OC-GY, 3239/BL-GY
Executing Agency	GUYANA POWER AND LIGHT, INC., GUYANA POWER AND LIGHT, INC.	Sector/Subsector	EN-REH - ENERGY-ENERGY SECTOR REHABILITATION AND EFFICIENCY
Team Leader	SOLOGUREN BLANCO, JAIME	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	GUYANA
Lending Instrument	Investment Loan	Convergence related Operation(s)	GY-X1002
Borrower	COOPERATIVE REPUBLIC OF GUYANA		

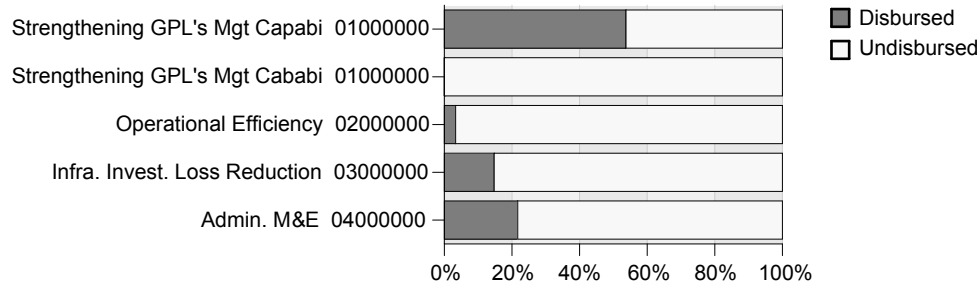
Environmental and Social Safeguards

Impacts Category	C	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

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-L1041	37,641,750	37,641,750	0	0	37,641,750	37,641,750	6,899,338.45	18.33%	30,742,411.55
GY-X1002	19,375,000	19,375,000	0	0	26,931,250	19,375,000	6,696,405.71	34.56%	12,678,594.29
Aggregated	57,016,750	57,016,750	0	0	64,573,000	57,016,750	13,595,744.16	23.85%	43,421,005.84

Expense Categories by Loan Contract (cumulative values)



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. Please also 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.

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RESULTS MATRIX

IMPACTS

Impact Nbr. 1: A more reliable power supply system

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2019	EOP 2019
1.1	System Average Interruption Duration Index (SAIDI) improved	Frequency	165.00	2013	P		85.00
					P(a)		85.00
					A		0.00

Details

Means of verification: SAIFI

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

Indicator		Unit of Measure	Baseline	Baseline Year		2019	EOP 2019
1.2	System Average Interruption Frequency Index (SAIFI) improved	Hours	161.00	2013	P		115.00
					P(a)		115.00
					A		0.00

Details

Means of verification: SAIDI

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

Impact Nbr. 2: A more efficient GPL in terms of operative performance.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2019	EOP 2019
2.1	Cash Recovery Index	%	65.00	2013	P		73.00
					P(a)		73.00
					A		0.00

Details

Means of verification: Cash Recovery Index

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

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RESULTS MATRIX

OUTCOMES

Outcome Nbr. 0: Strengthening in GPL's corporate performance with enhanced external oversight.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2019
0.1	A Management Strengthening Program and an Oversight Mechanism executed.	Number of Programs	0.00	2013	P	1.00
					P(a)	1.00
					A	0.00
Details						
Means of verification: Outsourced Technical Support procurement process documents.						
Pro-Gender		No	Pro-Ethnicity		No	

Outcome Nbr. 1: Reinforcing of GPL's capabilities in planning, design, commercial operation, demand-side management, and power and network operations.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2019
1.1	A Customer Information System (CIS) and a Management Information System (MIS) upgraded and in implementation.	Number of Systems	0.00	2013	P	2.00
					P(a)	2.00
					A	0.00
Details						
Means of verification: System's procurement documents.						
Pro-Gender		No	Pro-Ethnicity		No	

Outcome Nbr. 2: Achievement of a sustained trend in overall losses reduction.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2019
2.1	Percentage of overall electricity losses.	%	31.40	2013	P	23.80
					P(a)	23.80
					A	0.00
Details						
Means of verification: GPL's official reports; Monitoring Unit annual reports.						
Pro-Gender		No	Pro-Ethnicity		No	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component I – Strengthening GPL's Management Capabilities.

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2019	2017	EOP 2019
1.1	A Management Strengthening Program (MSP) executed	# of Program	P	0	1	2,000,000	7,206,000
			P(a)	0	1	2,118,482	7,565,605.4
			A	0	0	2,181,400	3,691,600
1.2	A Monitoring Unit overseeing GPL's operations is established.	# of Units	P	0	1	30,000	138,000
			P(a)	1	1	43,470	73,400
			A	1	1	4,300	5,700

Component Nbr. 2 Component II - Operational Efficiency

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2019	2017	EOP 2019
2.1	Assessments for SCADA system expansion completed	# of Assessments	P	0	4	0	540,000
			P(a)	2	4	169,840	849,200
			A	0	0	0	0
2.2	GPL's staff teams trained in power systems operations.	# of staff teams trained	P	0	4	175,000	1,005,000
			P(a)	1	2	162,745	339,614.94
			A	0	0	0	1,714.94
2.3	New GPL's divisional staff teams created.	# of staff teams created	P	1	3	684,875	1,613,000
			P(a)	1	3	169,583	714,463.98
			A	0	1	6,000	7,895.98
2.4	A Procurement and Inventory Control (PIC) system executed	# of Systems	P	0	1	0	123,000
			P(a)	0	1	78,335	129,732.05
			A	0	1	35,100	129,732.05
2.5	A Customer Information System (CIS) upgraded	# of Systems	P	0	1	0	50,000
			P(a)	1	1	34,137	153,140
			A	0	0	29,900	48,700
2.6	A Management Information System (MIS) implemented.	# of System	P	0	1	0	50,000
			P(a)	0	1	0	150,000
			A	0	0	0	0
2.7	Training programs carried out through the MSP.	# of Programs	P	1	3	261,714	971,000
			P(a)	0	3	51,810	475,858
			A	1	1	0	0

Component Nbr. 3 Component III - Infrastructure investments for loss reduction

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2019	2017	EOP 2019
3.1	Kilometers of the distribution network rehabilitated.	km	P	370	830	15,600,000	41,500,000
			P(a)	165	598	12,663,832	41,500,000.04
			A	0	0	6,955,300	7,281,726.64
3.2	Social Management Program executed.	# of Programs	P	0	1	500,000	1,500,000
			P(a)	0	1	158,996	450,607.57
			A	0	0	109,300	157,582.57

Other Cost

	Supervision Firm	P			533,330	2,000,000
		P(a)			836,597	2,038,748.78
		A			462,300	462,706.78

RESULTS MATRIX**OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS**

	Financial and technical auditing, monitoring and evaluation	P			169,625	639,250
		P(a)			58,552	117,835
		A			8,600	20,600
	Administration	P			400,000	2,000,000
		P(a)			330,692	1,488,256.35
		A			333,500	897,117.35
	IDB Admin FEE	P			0	538,625
		P(a)			0	538,625
		A			0	538,625
	Contingency	P			0	4,699,125
		P(a)			0	4,699,125
		A			0	0

Total Cost

	Total Cost	P			20,354,544	64,573,000
		P(a)			16,877,071	61,284,212.11
		A			10,125,700	13,243,701.31

CHANGES TO THE MATRIX

No information available for this section