

PMR Operational Report

Operation Number	GY-L1041	Chief of Operations Validation Date	
Year- PMR Cycle	First period Jan-Jun 2018	Division Chief Validation Date	
Last Update	09/28/18	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

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		

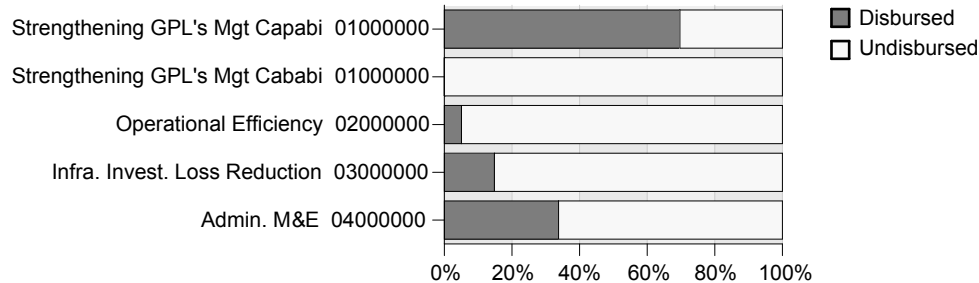
Environmental and Social Safeguards

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	7,857,338.45	20.87%	29,784,411.55
GY-X1002	19,375,000	19,375,000	0	0	26,931,250	19,375,000	7,474,691.69	38.58%	11,900,308.31
Aggregated	57,016,750	57,016,750	0	0	64,573,000	57,016,750	15,332,030.14	26.89%	41,684,719.86

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	
				2018	EOP 2019	2018	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	2,181,400	7,565,605.4
			A	0	0	947,700	4,639,300
1.2	A Monitoring Unit overseeing GPL's operations is established.	# of Units	P	0	1	45,000	138,000
			P(a)	0	1	43,200	73,400
			A	0	1	17,200	22,900

Component Nbr. 2 Component II - Operational Efficiency

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2018	EOP 2019	2018	EOP 2019
2.1	Assessments for SCADA system expansion completed	# of Assessments	P	0	4	0	540,000
			P(a)	2	4	424,600	849,200
			A	0	0	0	0
2.2	GPL's staff teams trained in power systems operations.	# of staff teams trained	P	2	4	87,500	1,005,000
			P(a)	1	2	125,400	339,614.94
			A	0	0	0	1,714.94
2.3	New GPL's divisional staff teams created.	# of staff teams created	P	0	3	0	1,613,000
			P(a)	2	4	353,284	714,463.98
			A	1	2	0	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	0	129,732.05
			A	0	1	21,700	151,432.05
2.5	A Customer Information System (CIS) upgraded	# of Systems	P	0	1	0	50,000
			P(a)	1	2	104,440	153,140
			A	0	0	15,200	63,900
2.6	A Management Information System (MIS) implemented.	# of System	P	0	1	0	50,000
			P(a)	1	2	150,000	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)	1	3	345,000	475,858
			A	1	2	4,900	4,900

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

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2018	EOP 2019	2018	EOP 2019
3.1	Kilometers of the distribution network rehabilitated.	km	P	270	830	13,025,000	41,500,000
			P(a)	250	587	9,485,339	41,500,000.04
			A	98.3	98.3	139,100	7,420,826.64
3.2	Social Management Program executed.	# of Programs	P	0	1	452,000	1,500,000
			P(a)	0	1	180,000	450,607.57
			A	0	0	42,500	200,082.57

Other Cost

	Supervision Firm	P			533,330	2,000,000
		P(a)			792,566	2,038,748.78
		A			132,100	594,806.78

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

	Financial and technical auditing, monitoring and evaluation	P			100,000	639,250
		P(a)			58,552	117,835
		A			26,100	46,700
	Administration	P			400,000	2,000,000
		P(a)			310,926	1,488,256.35
		A			145,700	1,042,817.35
	IDB Admin FEE	P			0	538,625
		P(a)			0	538,625
		A			0	538,625
	Contingency	P			2,250,000	4,699,125
		P(a)			0	4,699,125
		A			0	0

Total Cost

	Total Cost	P			19,154,544	64,573,000
		P(a)			14,554,707	61,284,212.11
		A			1,492,200	14,735,901.31

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CHANGES TO THE MATRIX

Section	Name	Type of Change	Reasons	Entered in the System	Agreed with Executing Agency
Output	A Customer Information System (CIS) upgraded	Modify Output	The changes are reported in the SAR for the Period Jan - June 2018, which was reviewed and agreed upon with the EA. Please refer to: CCB/CGY-1142/2018 (# EZSHARE-1210177838-837)	09/21/2018	09/20/2018
Output	A Management Information System (MIS) implemented.	Modify Output	The changes are reported in the SAR for the Period Jan - June 2018, which was reviewed and agreed upon with the EA. Please refer to: CCB/CGY-1142/2018 (# EZSHARE-1210177838-837)	09/21/2018	09/20/2018
Output	Kilometers of the distribution network rehabilitated.	Modify Output	The changes are reported in the SAR for the Period Jan - June 2018, which was reviewed and agreed upon with the EA. Please refer to: CCB/CGY-1142/2018 (# EZSHARE-1210177838-837)	09/21/2018	09/20/2018
Output	New GPL's divisional staff teams created.	Modify Output	The changes are reported in the SAR for the Period Jan - June 2018, which was reviewed and agreed upon with the EA. Please refer to: CCB/CGY-1142/2018 (# EZSHARE-1210177838-837)	09/21/2018	09/20/2018