

# PMR Public Report

<b>Operation Number</b>	GY-X1002	<b>Chief of Operations Validation Date</b>	04/13/21
<b>Year- PMR Cycle</b>	Second period Jan-Dec 2020	<b>Division Chief Validation Date</b>	04/29/21
<b>Last Update</b>	04/13/21	<b>Country Representative Validation Date</b>	05/12/21
<b>PMR Validation Stage</b>	Validated by Representative		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Power Utility Upgrade Program	<b>Loan Number</b>	GRT/EX-14519-GY
<b>Executing Agency</b>	GUYANA POWER AND LIGHT, INC.	<b>Sector/Subsector</b>	ENERGY-ENERGY SECTOR REHABILITATION AND EFFICIENCY
<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>	GY-L1041
<b>Borrower</b>			

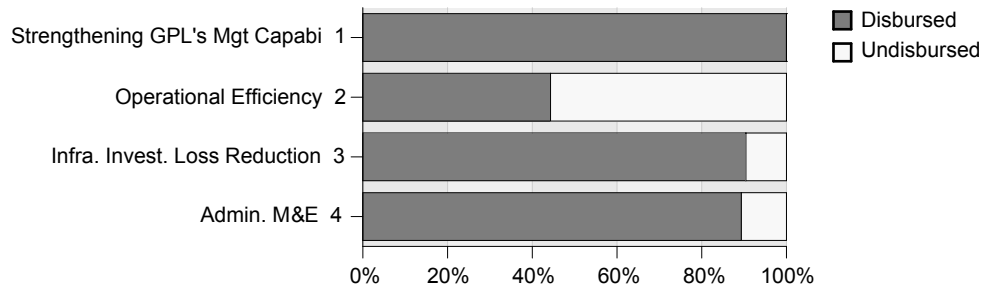
## Environmental and Social Safeguards

<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>	Several new ESHS specialists have been hired by GPL to help manage projects. Improvements have been made in procedures to ensure the Bank is notified in the event of serious incidents. Hazardous materials storage has improved dramatically through the development of a haz mat quick reference guide to be implemented across all GPL activities and the construction of proper storage facilities at GPL substation and contractor facilities. Unsafe work conditions due to poor waste management have been rectified due to general clean up of previously poorly maintained areas.		

## 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	28,373,856.35	75.38%	9,267,893.65
GY-X1002	0	23,441,801	0	0	26,931,250	23,441,801	21,755,570.37	92.81%	1,686,230.63
<b>Aggregated</b>	<b>37,641,750</b>	<b>61,083,551</b>	<b>0</b>	<b>0</b>	<b>64,573,000</b>	<b>61,083,551</b>	<b>50,129,426.72</b>	<b>82.07%</b>	<b>10,954,124.28</b>

## 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.

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### RESULTS MATRIX

#### General Development Objectives

General Development Objectives Nbr. 1: A more reliable power supply system

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	System Average Interruption Duration Index (SAIDI) improved	Frequency	165.00	2013	2021	P	85.00
						A	0.00

#### Details

Means of verification: SAIFI

Pro-Gender No Pro-Ethnicity No

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

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.2	System Average Interruption Frequency Index (SAIFI) improved	Hours	161.00	2013	2021	P	115.00
						A	0.00

#### Details

Means of verification: SAIDI

Pro-Gender No Pro-Ethnicity No

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

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### RESULTS MATRIX

#### General Development Objectives

**General Development Objectives Nbr. 2:** A more efficient GPL in terms of operative performance.

**Observation:**

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.1	Cash Recovery Index	%	65.00	2013	2021	P	73.00
						A	0.00

#### Details

**Means of verification:** Cash Recovery Index

<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>			

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### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 0:** Strengthening in GPL's corporate performance with enhanced external oversight.

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2021	EOP 2021
0.1	A Management Strengthening Program and an Oversight Mechanism executed.	Number of Programs	0.00	2013	P		1.00
					A	0.00	1.00
Details							
Means of verification: Outsourced Technical Support procurement process documents.							
Pro-Gender		No		Pro-Ethnicity		No	

**Specific Development Objectives 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		2021	EOP 2021
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
					A	0.00	1.00
Details							
Means of verification: System’s procurement documents.							
Pro-Gender		No		Pro-Ethnicity		No	

**Specific Development Objectives Nbr. 2:** Achievement of a sustained trend in overall losses reduction.

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2021	EOP 2021
2.1	Percentage of overall electricity losses.	%	31.40	2013	P		23.80
					A	0.00	25.86
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	
				2020	EOP 2021	2020	EOP 2021
1.1	A Management Strengthening Program (MSP) executed	# of Program	P		1		7,206,000
			P(a)	0	1	0	7,713,702.73
			A	0	1	0	7,713,702.73
1.2	A Monitoring Unit overseeing GPL's operations is established.	# of Units	P		1		138,000
			P(a)	0	1	41,938.65	93,708.62
			A	0	1	12,200	93,708.62

## Component Nbr. 2 Component II - Operational Efficiency

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2021	2020	EOP 2021
2.1	Assessments for SCADA system expansion completed	# of Assessments	P		4		540,000
			P(a)	0	4	304,490	689,400
			A	0	2	225,500	459,700
2.2	GPL's staff teams trained in power systems operations.	# of staff teams trained	P		4		1,005,000
			P(a)	1	4	200,000	469,401.57
			A	2	3	249,000	469,401.57
2.3	New GPL's divisional staff teams created.	# of staff teams created	P		3		1,613,000
			P(a)	0	4	143,696	389,513.84
			A	0	4	153,100	247,313.84
2.4	A Procurement and Inventory Control (PIC) system executed	# of Systems	P		1		123,000
			P(a)	0	1	0	151,433.2
			A	0	1	0	151,433.2
2.5	A Customer Information System (CIS) upgraded	# of Systems	P		1		50,000
			P(a)	0	1	29,354	483,067.79
			A	0	0	32,100	141,567.79
2.6	A Management Information System (MIS) implemented.	# of System	P		1		50,000
			P(a)	1	1	132,843	216,309.38
			A	1	1	73,200	173,009.38
2.7	Training programs carried out through the MSP.	# of Programs	P		3		971,000
			P(a)	0	5	0	160,386.62
			A	0	5	0	160,386.62

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

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2021	2020	EOP 2021
3.1	Kilometers of the distribution network rehabilitated.	Electricity transmission and d	P		830		41,500,000
			P(a)	100	629	5,127,326	41,174,029.47
			A	231	550	6,444,910	32,830,329.47
3.2	Social Management Program executed.	# of Programs	P		1		1,500,000
			P(a)	0	1	95,949	617,781.1
			A	0	0	76,100	418,181.1

## Other Cost

	Supervision Firm	P				2,000,000
		P(a)			300,000	2,578,357.53
		A			183,400	2,037,057.53

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Financial and technical auditing, monitoring and evaluation	P				639,250
		P(a)			8,552	114,152.45
		A			8,500	70,652.45
	Administration	P				2,000,000
		P(a)			427,700	2,372,196.19
		A			482,600	1,996,596.19
	IDB Admin FEE	P				538,625
		P(a)			0	538,625
		A			0	538,625
	Contingency	P				4,699,125
		P(a)			0	923,349
		A			0	0

## Total Cost

	Total Cost	P				64,573,000
		P(a)			6,811,848.65	58,685,414.49
		A			7,940,610	47,501,665.49

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## CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	A Customer Information System (CIS) upgraded	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	A Management Information System (MIS) implemented.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	A Monitoring Unit overseeing GPL's operations is established.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	Assessments for SCADA system expansion completed	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	GPL's staff teams trained in power systems operations.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	Kilometers of the distribution network rehabilitated.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	New GPL's divisional staff teams created.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021
	Social Management Program executed.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	LERONEW	03/12/2021

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## IMPLEMENTATION STATUS AND LEARNING

### Lesson Learned - Categories

Acquisitions and Procurement - Bidding Stage