

PMR Operational Report

Operation Number	GY-X1002	Chief of Operations Validation Date	10/31/20
Year- PMR Cycle	First period Jan-Jun 2020	Division Chief Validation Date	
Last Update	10/12/20	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Power Utility Upgrade Program	Loan Number	GRT/EX-14519-GY
Executing Agency	GUYANA POWER AND LIGHT, INC.	Sector/Subsector	ENERGY-ENERGY SECTOR REHABILITATION AND EFFICIENCY
Team Leader	SOLOGUREN BLANCO, JAIME	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Investment Grants	Country	Guyana
Lending Instrument		Convergence related Operation(s)	GY-L1041
Borrower			

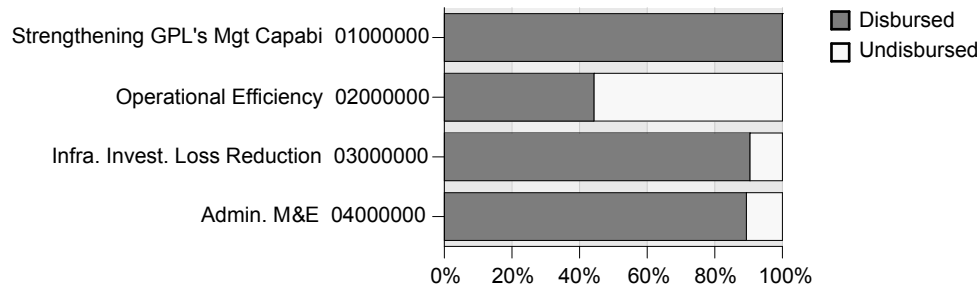
Environmental and Social Safeguards

Impacts Category	C	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Partially Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	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	24,564,838.45	65.26%	13,076,911.55
GY-X1002	19,375,000	26,355,810.93	0	0	26,931,250	26,355,810.93	19,503,081.77	74.00%	6,852,729.16
Aggregated	57,016,750	63,997,560.93	0	0	64,573,000	63,997,560.93	44,067,920.22	68.86%	19,929,640.71

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.

PMR Operational Report

RESULTS MATRIX

IMPACTS

Impact Nbr. 1: A more reliable power supply system

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2021
1.1	System Average Interruption Duration Index (SAIDI) improved	Frequency	165.00	2013	P			85.00
					P(a)			85.00
					A	104.30		0.00

Details

Means of verification: SAIFI

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

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2021	EOP 2021
1.2	System Average Interruption Frequency Index (SAIFI) improved	Hours	161.00	2013	P			115.00
					P(a)			115.00
					A	103.86		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	2021	EOP 2021
2.1	Cash Recovery Index	%	65.00	2013	P			73.00
					P(a)			73.00
					A	65.00		0.00

Details

Means of verification: Cash Recovery Index

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

PMR Operational Report

RESULTS MATRIX

OUTCOMES

Outcome 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
					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		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
					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		2021	EOP 2021
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	
				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	123,447.27
			A	0	1	0	81,508.62

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	689,407
			A	0	2	125,000	359,200
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	469,301.57
			A	1	2	55,400	275,801.57
2.3	New GPL's divisional staff teams created.	# of staff teams created	P		3		1,613,000
			P(a)	0	4	143,696	392,915.84
			A	0	4	61,200	155,413.84
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	483,076.79
			A	0	0	16,400	125,867.79
2.6	A Management Information System (MIS) implemented.	# of System	P		1		50,000
			P(a)	1	1	132,843	232,652.38
			A	0	0	49,300	149,109.38
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	40,971,903.47
			A	50.6	369.6	727,300	27,112,719.47
3.2	Social Management Program executed.	# of Programs	P		1		1,500,000
			P(a)	0	1	95,949	672,989.1
			A	0	0	32,700	374,781.1

Other Cost

	Supervision Firm	P				2,000,000
		P(a)			300,000	2,273,657.53
		A			167,400	2,021,057.53

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Financial and technical auditing, monitoring and evaluation	P				639,250
		P(a)			8,552	116,849.47
		A			5,100	67,252.45
	Administration	P				2,000,000
		P(a)			427,700	2,383,342
		A			250,700	1,764,696.19
	IDB Admin FEE	P				538,625
		P(a)			0	538,625
		A			0	538,625
	Contingency	P				4,699,125
		P(a)			0	2,257,867.54
		A			0	0

Total Cost

	Total Cost	P				64,573,000
		P(a)			6,811,848.65	59,631,557.51
		A			1,490,500	41,051,555.49

PMR Operational Report

CHANGES TO THE MATRIX

Section	Name	Reasons	Type of Change	Subtype	Modified By	Entered in the System
Impact	Cash Recovery Index	Inadvertently the 2019 second semester value was not updated. It is now in line with the SAR.	Modify Impact Indicator	Modify Historical Actual	LERONEW	10/07/2020
	System Average Interruption Duration Index (SAIDI) improved	Inadvertently the 2019 second semester value was not updated. It is now in line with the SAR.	Modify Impact Indicator	Modify Historical Actual	LERONEW	10/07/2020
	System Average Interruption Frequency Index (SAIFI) improved	Inadvertently the 2019 second semester value was not updated. It is now in line with the SAR.	Modify Impact Indicator	Modify Historical Actual	LERONEW	10/07/2020
Output	A Customer Information System (CIS) upgraded	The procurement timeline for this activity has been affected both by constraints of the current pandemic as well as procedural issues. Based on the current uncertainty of a contract award, it is recommended that the 2020 and 2021 targets be adjusted accordingly.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SANTIAGOED	10/07/2020
	A Management Information System (MIS) implemented.	2020 P(a) financial updated based on current implementation status and considering the challenges of the current pandemic.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SANTIAGOED	10/07/2020
	Assessments for SCADA system expansion completed	As a result of the current pandemic the execution schedule of this activity was significantly affected. In this regard, the planned missions that are critical to the assignment were postponed and are not likely to be completed in 2020. It is therefore recommended that the 2020 and 2021 targets be adjusted accordingly.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SANTIAGOED	10/07/2020
	Kilometers of the distribution network rehabilitated.	As a result of the current pandemic the execution schedule of this activity was significantly affected, including a two-month suspension of works from April to May 2020. It is therefore recommended that the 2020 and 2021 targets be adjusted accordingly.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SANTIAGOED	10/07/2020
	New GPL's divisional staff teams created.	2020 P(a) financial updated based on current implementation status and considering the challenges of the current pandemic.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SANTIAGOED	10/07/2020
	Social Management Program executed.	As a result of the current pandemic the execution schedule of this activity was significantly affected, including a two-month suspension from April to May 2020. It is therefore recommended that the 2020 and 2021 targets be adjusted accordingly.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SANTIAGOED	10/07/2020

PMR Operational Report

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories

Project Management Capacity