

# PMR Operational Report

<b>Operation Number</b>	GY-L1041	<b>Chief of Operations Validation Date</b>	10/13/17
<b>Year- PMR Cycle</b>	First period Jan-Jun 2017	<b>Division Chief Validation Date</b>	
<b>Last Update</b>	10/13/17	<b>Country Representative Validation Date</b>	
<b>PMR Validation Stage</b>	Validated by Chief of Operations		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Power Utility Upgrade Program	<b>Loan Number</b>	3238/OC-GY, 3239/BL-GY
<b>Executing Agency</b>	GUYANA POWER AND LIGHT, INC.	<b>Sector/Subsector</b>	EN-REH - 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>	Loan Operation	<b>Country</b>	GUYANA
<b>Lending Instrument</b>	Investment Loan	<b>Convergence related Operation(s)</b>	GY-X1002
<b>Borrower</b>	COOPERATIVE REPUBLIC OF GUYANA		

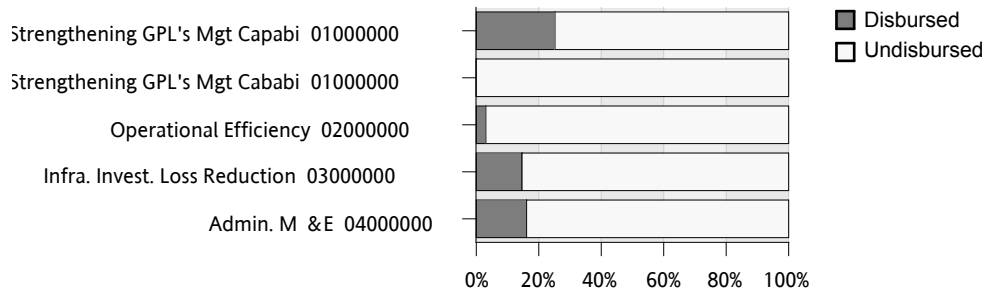
## Environmental and Social Safeguards

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

## 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	5,959,338.45	15.83%	31,682,411.55
GY-X1002	19,375,000	19,375,000	0	0	26,931,250	19,375,000	5,899,795.54	30.45%	13,475,204.46
<b>Aggregated</b>	<b>57,016,750</b>	<b>57,016,750</b>	<b>0</b>	<b>0</b>	<b>64,573,000</b>	<b>57,016,750</b>	<b>11,859,133.99</b>	<b>20.80%</b>	<b>45,157,616.01</b>

## 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.

## PMR Operational Report

### 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	165.0	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	161.0	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	%	65.0	2013	P		73.00
					P(a)		73.00
					A		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		EOP 2019
0.1	A Management Strengthening Program and an Oversight Mechanism executed.	Number of Programs	0.0	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	0.0	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.	%	31.4	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	7,563,005
			A	0	0	766,200	2,276,400
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	135,950
			A	0	0	0	1,400

#### 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	3	169,840	619,840
			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	4	162,745	492,744.94
			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	4	169,583	866,495.98
			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	172,967.05
			A	0	1	0	94,632.05
2.5	A Customer Information System (CIS) upgraded	# of Systems	P	0	1	0	50,000
			P(a)	1	1	34,137	112,777
			A	0	0	17,000	35,800
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	1	51,810	345,400
			A	0	0	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	830	12,663,832	48,864,217.64
			A	0	0	6,840,600	7,167,026.64
3.2	Social Management Program executed.	# of Programs	P	0	1	500,000	1,500,000
			P(a)	0	1	158,996	449,954.57
			A	0	0	68,400	116,682.57

#### Other Cost

	Administration	P			400,000	2,000,000
		P(a)			330,692	1,485,448.35
		A			189,600	753,217.35

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Contingency	P			0	4,699,125
		P(a)			0	268,008
		A			0	0
	Financial and technical auditing, monitoring and evaluation	P			169,625	639,250
		P(a)			58,552	117,787
		A			5,200	17,200
	IDB Admin FEE	P			0	538,625
		P(a)			0	538,625
		A			0	538,625
	Supervision Firm	P			533,330	2,000,000
		P(a)			836,597	2,160,479.78
		A			0	406.78

Total Cost

	Total Cost	P			20,354,544	64,573,000
		P(a)			16,877,071	64,343,700.31
		A			7,893,000	11,011,001.31

### CHANGES TO THE MATRIX

No information available for this section