



Operation Number: **GY-L1041**
Year- PMR Cycle: **First period Jan-Jun 2016**
Last Update: **10/4/2016**
PMR Validation Stage: **Validated by Chief of Operations**

Chief of Operations validation date: **10/14/2016**
Division Chief validation date:
Country Representative validation date:

Inter-American Development Bank - IDB
Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

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

Total Cost and Source

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate
Aggregated	\$64,573,000.00	\$63,997,560.93	\$0.00		\$64,573,000.00
GY-L1041	\$37,641,750.00	\$37,641,750.00	\$0.00		\$37,641,750.00
GY-X1002	\$26,931,250.00	\$26,355,810.93	\$0.00		\$26,931,250.00

Available Funds (US\$)

	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
Aggregated	\$26355810.93	2167723.30	8.22%	\$24188087.63
	\$0.00	\$0.00		\$0.00
GY-X1002	\$26,355,810.93	\$2,167,723.30	\$0.08	\$24,188,087.63

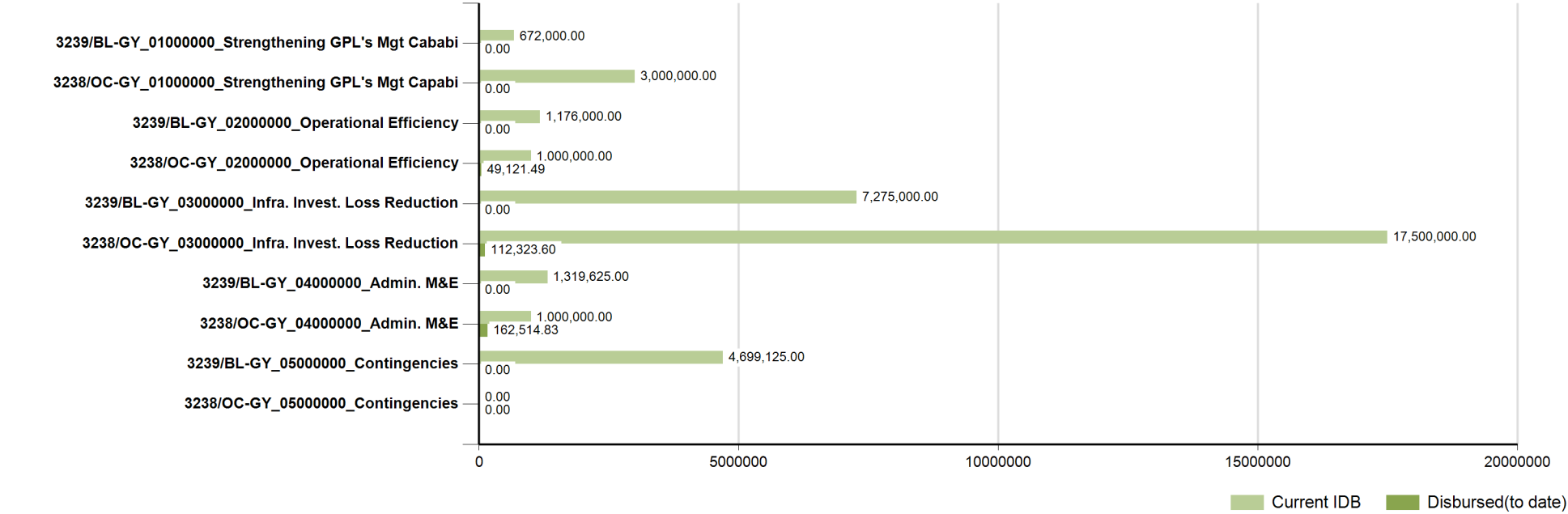
Environmental and Social Safeguards

Main Operation	
Impacts Category:	C
Safeguard Performance Rating:	
Safeguard Performance Rating - Rationale:	

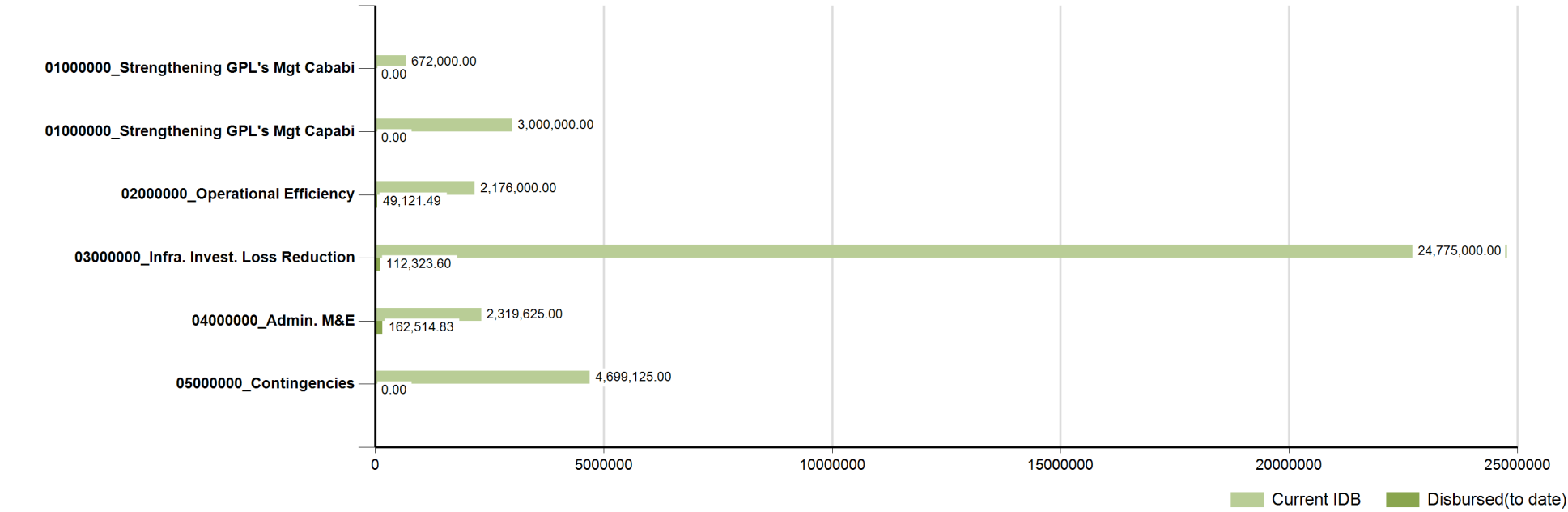
Reformulation Information

	Main Operation	Oper. GY-X1002
Was/Were the objective(s) of this operation reformulated?	NO	NO
Date of approval:		

Expense Categories by Loan Contract (cumulative values)



Expense Categories by Operation (cumulative values)



Results Matrix

Impacts

Impact:	1 A more reliable power supply system								
Observation:									
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
1.1 System Average Interruption Duration Index (SAIDI) improved			Frequency	165.00	2013	SAIFI		P	85.00
								P(a)	85.00
								A	0.00
1.2 System Average Interruption Frequency Index (SAIFI) improved			Hours	161.00	2013	SAIDI		P	115.00
								P(a)	115.00
								A	0.00
Impact:	2 A more efficient GPL in terms of operative performance.								
Observation:									
Indicators		Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
2.1 Cash Recovery Index			%	65.00	2013	Cash Recovery Index		P	73.00
								P(a)	73.00
								A	0.00



Outcomes

[illegible]

Outcome:	3 Achievement of a sustained trend in overall losses reduction.							
Observation:								
Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	EOP	
3.1 Percentage of overall electricity losses.		%	31.40	2013	GPL's official reports; Monitoring Unit annual reports.		P	23.80
							P(a)	23.80
							A	0.00

-  RF - Contribution
-  RF - Alignment
-  RF - Strategic Alignment
-  RF - Strategic Alignment during Execution
-  SI - Sector Indicator
-  CI - Country Indicator
-  PG - Pro-Gender
-  PE - Pro-Ethnicity

Outputs: Annual Physical and Financial Progress

Component I – Strengthening GPL’s Management Capabilities.		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2016	EOP		2016	EOP
A Management Strengthening Program (MSP) executed	# of Program	P	0.00	1.00	P	2,000,000.00	7,206,000.00
		P(a)	0.00	1.00	P(a)	1,441,200.00	7,206,000.00
		A	0.00	0.00	A	0.00	0.00
A Monitoring Unit overseeing GPL’s operations is established.	# of Units	P	1.00	1.00	P	30,000.00	138,000.00
		P(a)	1.00	1.00	P(a)	26,874.00	138,000.00
		A	0.00	0.00	A	0.00	0.00
Component II - Operational Efficiency		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2016	EOP		2016	EOP
Assessments for SCADA system expansion completed	# of Assessments	P	2.00	4.00	P	324,000.00	540,000.00
		P(a)	1.00	4.00	P(a)	25,000.00	540,000.00
		A	0.00	0.00	A	0.00	0.00
GPL’s staff teams trained in power systems operations.	# of staff teams trained	P	1.00	4.00	P	430,000.00	1,005,000.00
		P(a)	0.00	4.00	P(a)	0.00	1,005,000.00
		A	0.00	0.00	A	0.00	1,714.94
New GPL’s divisional staff teams created.	# of staff teams created	P	2.00	3.00	P	646,875.00	1,613,000.00
		P(a)	1.00	3.00	P(a)	25,000.00	1,613,000.00
		A	1.00	1.00	A	0.00	1,895.98
A Procurement and Inventory Control (PIC) system executed	# of Systems	P	0.00	1.00	P	0.00	123,000.00
		P(a)	0.00	1.00	P(a)	28,367.95	123,000.00
		A	0.00	1.00	A	0.00	94,632.05
A Customer Information System (CIS) upgraded	# of Systems	P	1.00	1.00	P	25,000.00	50,000.00
		P(a)	0.00	1.00	P(a)	26,339.00	50,000.00
		A	0.00	0.00	A	0.00	0.00
A Management Information System (MIS) implemented.	# of System	P	0.00	1.00	P	0.00	50,000.00
		P(a)		1.00	P(a)	15,000.00	50,000.00
		A	0.00	0.00	A	0.00	0.00
Training programs carried out through the MSP.	# of Programs	P	1.00	3.00	P	261,714.00	971,000.00
		P(a)	1.00	3.00	P(a)	10,000.00	971,000.00
		A	0.00	0.00	A	0.00	0.00
Component III - Infrastructure investments for loss reduction		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2016	EOP		2016	EOP
Kilometers of the distribution network rehabilitated.	km	P	100.00	830.00	P	5,625,000.00	41,500,000.00
		P(a)	0.00	830.00	P(a)	3,994,010.00	41,500,000.00
		A	0.00	0.00	A	57,200.00	218,326.64
Social Management Program executed.	# of Programs	P	0.00	1.00	P	345,000.00	1,500,000.00
		P(a)	0.00	1.00	P(a)	43,000.00	1,500,000.00
		A	0.00	0.00	A	11,000.00	16,382.57

Other Cost			2016	Cost
Supervision Firm		P	\$400,000.00	\$2,000,000.00
		P(a)	\$535,000.00	\$2,000,000.00
		A	\$0.00	\$406.78
Financial and technical auditing, monitoring and evaluation		P	\$100,000.00	\$639,250.00
		P(a)	\$0.00	\$639,250.00
		A	\$8,600.00	\$8,600.00

Administration	P	\$400,000.00	\$2,000,000.00
	P(a)	\$371,871.00	\$2,000,000.00
	A	\$110,600.00	\$336,317.35
IDB Admin FEE	P	\$0.00	\$538,625.00
	P(a)	\$0.00	\$538,625.00
	A	\$0.00	\$538,625.00
Contingency	P	\$0.00	\$4,699,125.00
	P(a)	\$0.00	\$4,699,125.00
	A	\$0.00	\$0.00
Total Cost		2016	Total Cost
	P	\$10,587,589.00	\$64,573,000.00
	P(a)	\$6,541,661.95	\$64,573,000.00
	A	\$187,400.00	\$1,216,901.31

Changes to the Matrix

No information related to this operation.

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.