

PMR Operational Report

Operation Number	SU-L1039	Chief of Operations Validation Date	10/16/17
Year- PMR Cycle	First period Jan-Jun 2017	Division Chief Validation Date	
Last Update	10/04/17	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Support for the Implementation of the EBS Investment Plan	Loan Number	3403/OC-SU
Executing Agency	ENERGIEBEDRIJ VEN SURINAME	Sector/Subsector	EN-REH - ENERGY-ENERGY SECTOR REHABILITATION AND EFFICIENCY
Team Leader	CUERVO,JAVIER	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	SURINAME
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLIC OF SURINAME		

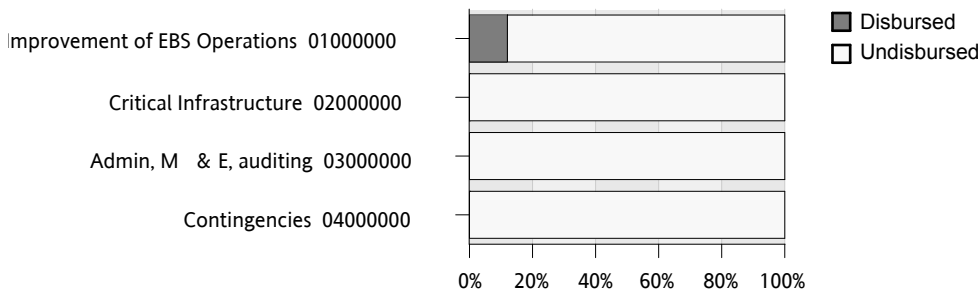
Environmental and Social Safeguards

Impacts Category	B	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
SU-L1039	33,000,000	33,000,000	0	0	33,000,000	33,000,000	4,636,107.22	14.05%	28,363,892.78
Aggregated	33,000,000	33,000,000	0	0	33,000,000	33,000,000	4,636,107.22	14.05%	28,363,892.78

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. 0: A more reliable energy supply system.

Observation: EPAR operator (EBS) data and reports.

Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2020
0.0	System Average Interruption Duration Index (SAIDI) for the EPAR system.	hours/client	18.5	2013	P		16.20
					P(a)		16.20
					A		18.50
Details							
Means of verification: EPAR operator (EBS) data and reports							
Pro-Gender		No	Pro-Ethnicity		No		

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OUTCOMES

Outcome Nbr. 0: Strengthening in EBS's operational procedures and corporate performance.

Observation: EBS Technical reports; inspection visits.

Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2020
0.0	EBS¿ business units trained on the operation, maintenance and updating of the new DMS/OMS and ERP.	Business Units	0.0	2013	P		3.00
					P(a)		3.00
					A		0.00
Details							
Means of verification: EBS technical reports; Inspection visits							
Pro-Gender		No	Pro-Ethnicity		No		

Outcome Nbr. 1: Increased power delivery capacity.

Observation: EPAR Operator (EBS) data and reports

Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2020
1.0	Substation F transformation capacity	MVA	7.0	2013	P		25.00
					P(a)		25.00
					A		7.00
Details							
Means of verification: EPAR operator (EBS) data and reports							
Pro-Gender		No	Pro-Ethnicity		No		

Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2020
1.1	Substation Boma transformation capacity	MVA	0.0	2013	P		25.00
					P(a)		25.00
					A		0.00
Details							
Means of verification: EPAR operator (EBS) data and reports							
Pro-Gender		No	Pro-Ethnicity		No		

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component 1 Improvement of EBS Operations.

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2020	2017	EOP 2020
1.1	Distribution/outage Management System (DMS/OMS) fully functional.	System	P		1		1,340,000
			P(a)		1	67,900	1,340,000
			A		0	67,900	67,900
1.2	Enterprise Resource Planning (ERP) platform procured and implemented.	Platform	P		1	5,905,857.14	8,763,000
			P(a)		1	4,830,108.22	8,763,000
			A		0	1,631,650.64	3,085,430.64
1.3	Energy Efficiency Framework plan implemented.	Plan	P		1		2,000,000
			P(a)		1	435,000	1,500,000
			A		0	0	0
1.4	Guidelines for the EBS transition to a new corporate structure designed.	Guidelines	P		1		750,000
			P(a)		1	312,500	750,000
			A	1	1	73,575.03	166,543.54

Component Nbr. 2 Component 2 Critical Infrastructure.

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2020	2017	EOP 2020
2.1	Upgraded Substation J procured and commissioned.	Substation	P	1	1	4,000,000	4,000,000
			P(a)	0	1	1,665,350	4,000,000
			A	0	0	0	0
2.2	Upgraded Substation F procured and commissioned.	Substation	P		1	2,772,000	4,000,000
			P(a)		1	1,050,500	4,000,000
			A		0	0	0
2.3	New Substation Boma procured and commissioned.	Substation	P		1	756,070	3,441,500
			P(a)		1	615,500	3,441,500
			A		0	140,335.01	140,335.01
2.4	Upgraded Substation E procured and commissioned.	Substation	P		1	756,680	2,791,500
			P(a)		1	875,225	2,791,500
			A		0	0	0
2.5	Km of new 33-kV transmission line between Substation Boma and Substation HL procured and installed.	Electricity transmission and distribution lines (km)	P		11		1,696,000
			P(a)		11		1,696,000
			A		0		0
2.6	Km of new 33-kV transmission line between Substation Boma and Substation E procured and installed.	Electricity transmission and distribution lines (km)	P		15		2,071,000
			P(a)		15		2,071,000
			A		0		0

Other Cost

	Administration, monitoring, evaluation, auditing	P			200,000	700,000
		P(a)			24,875	201,500
		A			22,340	22,340
	Contingencies	P			434,100	1,447,000
		P(a)			434,100	1,447,000
		A			0	0

Total Cost

	Total Cost	P			14,824,707.14	33,000,000
		P(a)			10,311,058.22	32,001,500

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Total Cost	A			1,935,800.68	3,482,549.19
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CHANGES TO THE MATRIX

No information available for this section