

PMR Operational Report

Operation Number	SU-L1039	Chief of Operations Validation Date	03/28/18
Year- PMR Cycle	Second period Jan-Dec 2017	Division Chief Validation Date	04/19/18
Last Update	03/28/18	Country Representative Validation Date	04/19/18
PMR Validation Stage	Validated by Representative		

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		

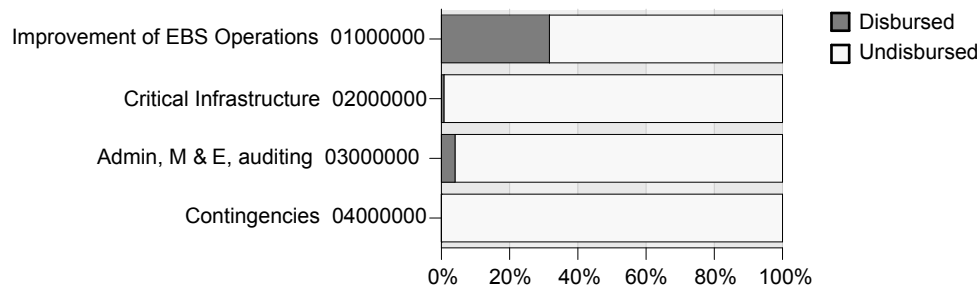
Environmental and Social Safeguards

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	8,405,942.85	25.47%	24,594,057.15
Aggregated	33,000,000	33,000,000	0	0	33,000,000	33,000,000	8,405,942.85	25.47%	24,594,057.15

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. 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	18.50	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		

PMR Operational Report

RESULTS MATRIX

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	0.00	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	7.00	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	0.00	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	Outage Management System (OMS) fully functional.	System	P		1		1,340,000
			P(a)		1	67,900	1,340,000
			A	0	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	9,223,550
			A	0	0	4,456,750.54	5,910,530.54
1.3	Energy Efficiency Framework plan implemented.	Plan	P		1		2,000,000
			P(a)		1	435,000	1,350,000
			A	0	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	1,400,000
			A	1	1	92,974.76	185,943.27

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	61,832	61,832
2.3	New Substation Boma procured and commissioned.	Substation	P		1	756,070	3,441,500
			P(a)		1	615,500	4,315,735.01
			A	0	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	1,917,265
			A	0	0	990	990
2.5	Km of new 33-kV transmission line between Substation Boma and Substation HL procured and installed.	Electricity transmission and d	P		11		1,696,000
			P(a)		11		1,696,000
			A	0	0	0	0
2.6	Km of new 33-kV transmission line between Substation Boma and Substation E procured and installed.	Electricity transmission and d	P		15		2,071,000
			P(a)		15		2,071,000
			A	0	0	0	0

Other Cost

	Administration, monitoring, evaluation, auditing	P			200,000	700,000
		P(a)			24,875	211,450
		A			29,840	29,840
	Contingencies	P			434,100	1,447,000
		P(a)			434,100	1,012,900
		A			0	0

Total Cost

	Total Cost	P			14,824,707.14	33,000,000
		P(a)			10,311,058.22	32,537,900.01

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Total Cost	A			4,850,622.31	6,397,370.82
--	------------	---	--	--	--------------	--------------

PMR Operational Report

CHANGES TO THE MATRIX

Section	Name	Type of Change	Reasons	Entered in the System	Agreed with Executing Agency
Output	Energy Efficiency Framework plan implemented.	Modify Output	The government prioritizes the unbundling of EBS in order to be aligned with the Electricity Law approved in 2016 and some more funds are required. EBS requested to transfer some funds from the Energy Efficiency component (1D) to the Transition of EBS component (1C).	03/07/2018	02/23/2018
Output	Enterprise Resource Planning (ERP) platform procured and implemented.	Modify Output	Additional funding was required for the software maintenance costs until December 2018	03/07/2018	07/05/2017
Output	Guidelines for the EBS transition to a new corporate structure designed.	Modify Output	The government prioritizes the unbundling of EBS in order to be aligned with the Electricity Law approved in 2016 and some more funds are required. EBS requested to transfer some funds from the Energy Efficiency component (1D) to the Transition of EBS component (1C).	03/07/2018	02/23/2018
Output	New Substation Boma procured and commissioned.	Modify Output	The cost for some of the works are expected to be higher than initially planned	03/07/2018	02/23/2018
Output	Upgraded Substation E procured and commissioned.	Modify Output	The cost for some goods (power transformers and electrical materials) is lower than initially planned	03/07/2018	02/23/2018
Output	Outage Management System (OMS) fully functional.	Modify Output	Revision of budget done by the Executing Agency concluded that there is not enough budget for implementing both the Outage Management System (OMS) and the Distribution Management System (DMS). The issue was reviewed during the supervision mission from August 2017 and it was agreed to reduce the scope of this sub component and prioritize the implementation of the OMS. The DMS will be included in a future operation that has been included in the pipeline for 2019.	03/13/2018	08/03/2017