

# PMR Operational Report

<b>Operation Number</b>	SU-L1039	<b>Chief of Operations Validation Date</b>	04/07/17
<b>Year- PMR Cycle</b>	Second period Jan-Dec 2016	<b>Division Chief Validation Date</b>	04/14/17
<b>Last Update</b>	04/07/17	<b>Country Representative Validation Date</b>	04/14/17
<b>PMR Validation Stage</b>	Validated by Representative		

## Basic Data

### Operation Profile

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

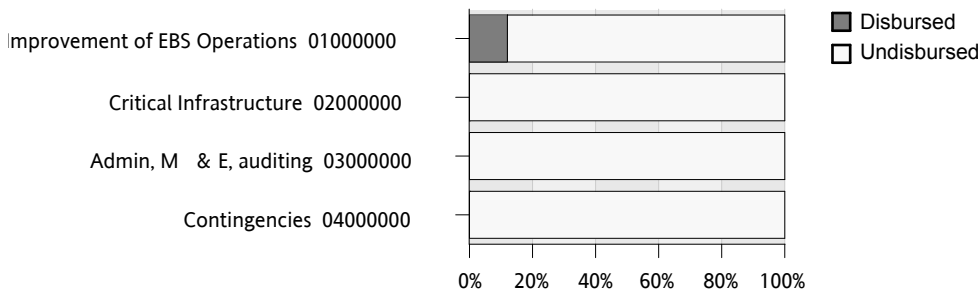
## Environmental and Social Safeguards

<b>Impacts Category</b>	B	<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
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
<b>Aggregated</b>	<b>33,000,000</b>	<b>33,000,000</b>	<b>0</b>	<b>0</b>	<b>33,000,000</b>	<b>33,000,000</b>	<b>4,636,107.22</b>	<b>14.05%</b>	<b>28,363,892.78</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. 0:** A more reliable energy supply system.

**Observation:** EPAR operator (EBS) data and reports.

Indicator		Unit of Measure	Baseline	Baseline Year		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

## 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	0.0	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	
				2016	EOP 2020	2016	EOP 2020
1.1	Distribution/outage Management System (DMS/OMS) fully functional.	System	P		1		1,340,000
			P(a)		1		1,340,000
			A	0	0	0	0
1.2	Enterprise Resource Planning (ERP) platform procured and implemented.	Platform	P		1	1,731,428.57	8,763,000
			P(a)		1	1,731,428.57	8,763,000
			A	0	0	1,453,780	1,453,780
1.3	Energy Efficiency Framework plan implemented.	Plan	P		1		2,000,000
			P(a)		1		1,500,000
			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		750,000
			A	0	0	92,968.51	92,968.51

Component Nbr. 2 Component 2 Critical Infrastructure.

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2016	EOP 2020	2016	EOP 2020
2.1	Upgraded Substation J procured and commissioned.	Substation	P		1		4,000,000
			P(a)		1		4,000,000
			A	0	0	0	0
2.2	Upgraded Substation F procured and commissioned.	Substation	P		1		4,000,000
			P(a)		1		4,000,000
			A	0	0	0	0
2.3	New Substation Boma procured and commissioned.	Substation	P		1		3,441,500
			P(a)		1		3,441,500
			A	0	0	0	0
2.4	Upgraded Substation E procured and commissioned.	Substation	P		1		2,791,500
			P(a)		1		2,791,500
			A	0	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	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	0	0

## Other Cost

	Administration, monitoring, evaluation, auditing	P			25,000	700,000
		P(a)			25,000	201,500
		A			0	0
	Contingencies	P				1,447,000
		P(a)				1,447,000
		A			0	0

## Total Cost

	Total Cost	P			1,756,428.57	33,000,000
		P(a)			1,756,428.57	32,001,500

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Total Cost	A			1,546,748.51	1,546,748.51
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## 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 adjusted planned cost for doing the activities of this subcomponent is lower than the original budget	04/04/2017	04/04/2017