

# PMR Operational Report

<b>Operation Number</b>	SU-L1039	<b>Chief of Operations Validation Date</b>	04/04/19
<b>Year- PMR Cycle</b>	Second period Jan-Dec 2018	<b>Division Chief Validation Date</b>	04/08/19
<b>Last Update</b>	03/22/19	<b>Country Representative Validation Date</b>	04/22/19
<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		

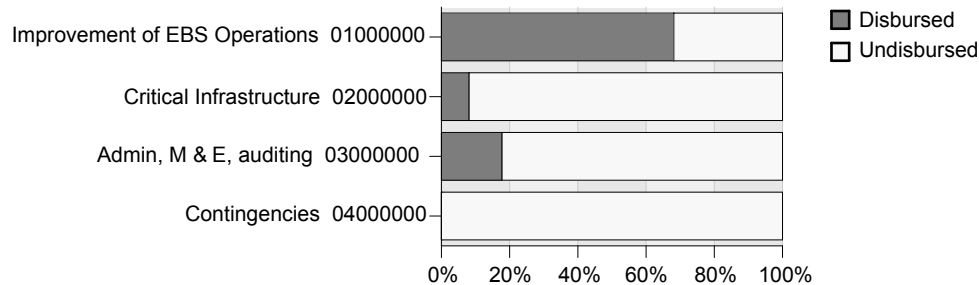
## Environmental and Social Safeguards

<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	15,591,979.45	47.25%	17,408,020.55
Aggregated	33,000,000	33,000,000	0	0	33,000,000	33,000,000	15,591,979.45	47.25%	17,408,020.55

## Expense Categories by Loan Contract (cumulative values)



## 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	
				2018	EOP 2020	2018	EOP 2020
1.1	Outage Management System (OMS) fully functional.	System	P	1	1	1,340,000	1,340,000
			P(a)	0	1	127,300	1,770,529
			A	0	0	180,342.8	248,242.8
1.2	Enterprise Resource Planning (ERP) platform procured and implemented.	Platform	P	1	1	1,125,714.29	8,763,000
			P(a)	1	1	3,313,019.46	10,855,018.05
			A	0	0	3,305,398.15	9,215,928.69
1.3	Energy Efficiency Framework plan implemented.	Plan	P	1	1	2,000,000	2,000,000
			P(a)	0	1	748,000	1,232,588
			A	0	0	526,719	526,719
1.4	Guidelines for the EBS transition to a new corporate structure designed.	Guidelines	P	1	1	750,000	750,000
			P(a)	0	1	98,050	991,560.64
			A	0	1	18,937.37	204,880.64

## Component Nbr. 2 Component 2 – Critical Infrastructure.

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2018	EOP 2020	2018	EOP 2020
2.1	Upgraded Substation J procured and commissioned.	Substation	P		1		4,000,000
			P(a)	0	1	2,489,500	3,412,198
			A	0	0	587,841	587,841
2.2	Upgraded Substation F procured and commissioned.	Substation	P	1	1	1,228,000	4,000,000
			P(a)	0	1	1,844,889	2,466,390.7
			A	0	0	616,809.3	678,641.3
2.3	New Substation Boma procured and commissioned.	Substation	P		1	1,294,840	3,441,500
			P(a)		1	1,990,000	1,881,394.42
			A		0	247,008.31	387,343.32
2.4	Upgraded Substation E procured and commissioned.	Substation	P		1	1,061,120	2,791,500
			P(a)		1	1,061,120	1,152,707.41
			A	0	0	151,059.21	152,049.21
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		2,101,961
			A	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		2,866,229
			A	0	0		0

## Other Cost

	Administration, monitoring, evaluation, auditing	P			200,000	700,000
		P(a)			134,360	280,790
		A			96,100	125,940
	Contingencies	P			578,800	1,447,000
		P(a)			578,800	434,100
		A			0	0

## Total Cost

	Total Cost	P			9,578,474.29	33,000,000
		P(a)			12,385,038.46	29,445,466.22

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Total Cost	A			5,730,215.14	12,127,585.96
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## CHANGES TO THE MATRIX

Section	Name	Reasons	Type of Change	Subtype	Modified By	Entered in the System
Output	Energy Efficiency Framework plan implemented.	Output planned to be completed in 2020. Main remaining activity is the implementation of Energy Management System in several facilities.	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019
	Enterprise Resource Planning (ERP) platform procured and implemented.	Output planned to be completed in 2019. The execution of this activity had some delays because of the dependency of the ERP with the implementation of the new corporate structure in EBS.	Modify Output	Modify Financial P(a) value	JORDIA	03/18/2019
	Guidelines for the EBS transition to a new corporate structure designed.	Output was completed in 2017. Financial progress in 2018, 2019 and 2020 related to additional consultancies hired to support the transition of EBS.	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019
	Km of new 33-kV transmission line between Substation Boma and Substation E procured and installed.	Output moved from 2019 to 2020 (planned to be completed in Q1). Budget for this output has been increased based on the price of the contract to purchase the Cables & Cables accessories (signed in 2018)	Modify Output	Modify Financial P(a) value	JORDIA	03/18/2019
	Km of new 33-kV transmission line between Substation Boma and Substation HL procured and installed.	Output moved from 2019 to 2020 (planned to be completed in Q1). Budget for this output has been increased based on the price of the contract to purchase the Cables & Cables accessories (signed in 2018)	Modify Output	Modify Financial P(a) value	JORDIA	03/18/2019
	New Substation Boma procured and commissioned.	Output moved from 2019 to 2020 (planned to be completed in Q1). Budget for this output has been reduced based on the price of the contract to purchase the power transformers (signed in 2018).	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019
	Outage Management System (OMS) fully functional.	Output planned to be completed in 2019.	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019
	Upgraded Substation E procured and commissioned.	Output moved from 2019 to 2020 (planned to be completed in Q1). Budget for this output has been reduced based on the price of the contract to purchase the power transformers (signed in 2018).	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019
	Upgraded Substation F procured and commissioned.	Output moved from 2019 to 2020 (planned to be completed in Q1). Budget for this output has been reduced based on the price of the contract to purchase the power transformers (signed in 2018).	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019
	Upgraded Substation J procured and commissioned.	Output moved from 2019 to 2020 (planned to be completed in Q1). Budget for this output has been reduced based on the price of the contract to purchase the power transformers (signed in 2018).	Modify Output	Modify Financial P(a) value	JORDIA	01/18/2019 03/18/2019

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## IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Project Design
Project Monitoring & Evaluation