

PMR Operational Report

Operation Number	SU-L1039	Chief of Operations Validation Date	10/27/20
Year- PMR Cycle	First period Jan-Jun 2020	Division Chief Validation Date	
Last Update	10/12/20	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	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		

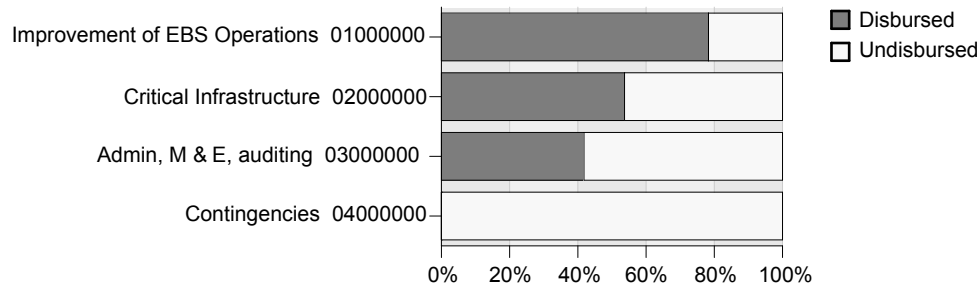
Environmental and Social Safeguards

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	29,411,192.97	89.12%	3,588,807.03
Aggregated	33,000,000	33,000,000	0	0	33,000,000	33,000,000	29,411,192.97	89.12%	3,588,807.03

Expense Categories by Loan Contract (cumulative values)



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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 2021
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		

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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 2021
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 2021
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 2021
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	
				2020	EOP 2021	2020	EOP 2021
1.1	Outage Management System (OMS) fully functional.	System	P		1		1,340,000
			P(a)	1	1	412,657	1,802,329.32
			A	0	0	184,845.1	1,574,517.42
1.2	Enterprise Resource Planning (ERP) platform procured and implemented.	Platform	P		1		8,763,000
			P(a)	0	1	626,322	10,083,934.98
			A	0	0	350,976.5	9,384,994.48
1.3	Energy Efficiency Framework plan implemented.	Plan	P		1		2,000,000
			P(a)	1	1	75,596.39	627,829.14
			A	0	0	25,198.75	577,431.5
1.4	Guidelines for the EBS transition to a new corporate structure designed.	Guidelines	P		1		750,000
			P(a)		1	394,577	985,560.64
			A		1	55,440	578,923.64

Component Nbr. 2 Component 2 – Critical Infrastructure.

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2021	2020	EOP 2021
2.1	Upgraded Substation J procured and commissioned.	Substation	P		1		4,000,000
			P(a)	0	1	870,059	4,923,502.78
			A	0	0	821,660.46	3,719,412.24
2.2	Upgraded Substation F procured and commissioned.	Substation	P		1		4,000,000
			P(a)	0	1	181,903	2,409,467.3
			A	0	0	58,238.47	1,641,029.77
2.3	New Substation Boma procured and commissioned.	Substation	P		1		3,441,500
			P(a)	0	1	832,826	2,898,718.32
			A	0	0	682,826.44	1,967,851.76
2.4	Upgraded Substation E procured and commissioned.	Substation	P		1		2,791,500
			P(a)	0	1	445,657	1,564,138.71
			A	0	0	295,656.7	812,514.91
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	11	186,864	2,313,319.56
			A	10	10	186,863.82	1,461,319.38
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)	0	12	186,864	2,313,319.56
			A	0	0	186,863.82	1,461,319.38

Other Cost

	Administration, monitoring, evaluation, auditing	P			75,000	700,000
		P(a)			131,450	436,490
		A			63,600	368,640
	Contingencies	P				1,447,000
		P(a)			0	0
		A				0

Total Cost

	Total Cost	P			75,000	33,000,000
		P(a)			4,344,775.39	30,358,610.31

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Total Cost	A			2,912,170.06	23,547,954.48
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CHANGES TO THE MATRIX

Section	Name	Reasons	Type of Change	Subtype	Modified By	Entered in the System
Output	Civil works physical progress	The curfew imposed in Suriname due to COVID-19 pandemic, created delays in this output as the contractor was not able to do the works as planned. The transmission line will be completed in 2021.	Modify Milestone	Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	JORDIA	10/09/2020
	Enterprise Resource Planning (ERP) platform procured and implemented.	The ERP Go Live date is planned for November 2020, but the completion of all the ERP activities will in 2021. Delays are caused mainly because three factors: (i) the scope of the ERP platform had to be adjusted in order to provide some modifications in required functionalities to be consistent with the new institutional structure of EBS, (ii) the contractor in charge of implementing the ERP cannot travel to Suriname because of air space closure and the activities are being completed virtually, (iii) the COVID-19 restrictions imposed in Suriname (social distancing, curfew...) have created delays in the execution of some activities.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020
	Km of new 33-kV transmission line between Substation Boma and Substation E procured and installed.	The curfew imposed in Suriname due to COVID-19 pandemic, created delays in this output as the contractor was not able to do the works as planned. The transmission line will be completed in 2021.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020
				Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	JORDIA	10/09/2020
	Km of new 33-kV transmission line between Substation Boma and Substation HL procured and installed.	The curfew imposed in Suriname due to COVID-19 pandemic, created delays in this output as the contractor was not able to do the works as planned. The transmission line will be completed in 2020, but some of the payments related to the main contract will be processed in 2021.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020
	New Substation Boma procured and commissioned.	The completion and commissioning of substation Boma is delayed to 2021 mainly because three factors: (i) the contractor in charge of the commissioning of the switchgears (from Colombia) cannot travel to Suriname because of air space closure in both countries; (ii) the contract for the civil works in substation E and Boma has been terminated by EBS because of underperformance of the contractor. EBS is retendering the outstanding works; (iii) the COVID-19 restrictions imposed in Suriname (social distancing, curfew...) have created delays in the execution of some activities.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020
	Upgraded Substation E procured and commissioned.	The upgrade and commissioning of substation E is delayed to 2021 mainly because three factors: (i) the contractor in charge of the commissioning of the switchgears (from Colombia) cannot travel to Suriname because of air space closure in both countries; (ii) the contract for the civil works in substation E and Boma has been terminated by EBS because of underperformance of the contractor. EBS is retendering the outstanding works; (iii) the COVID-19 restrictions imposed in Suriname (social distancing, curfew...) have created delays in the execution of some activities.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020
	Upgraded Substation F procured and commissioned.	The upgrade and commissioning of substation F is delayed to 2021 mainly because three factors: (i) the contractor in charge of the commissioning of the switchgears (from Colombia) cannot travel to Suriname because of air space closure in both countries; (ii) delays created by the contractor in charge of the civil works; (iii) the COVID-19 restrictions imposed in Suriname (social distancing, curfew...) have created delays in the execution of some activities.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020
	Upgraded Substation J procured and commissioned.	The upgrade and commissioning of substation J is delayed to 2021 mainly because two factors: (i) the contractor in charge of the commissioning of the switchgears (from Colombia) cannot travel to Suriname because of air space closure in both countries; (ii) the COVID-19 restrictions imposed in Suriname (social distancing, curfew...) have created delays in the execution of some activities.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	JORDIA	10/09/2020

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories

Acquisitions and Procurement - Provider Performance and Supervision