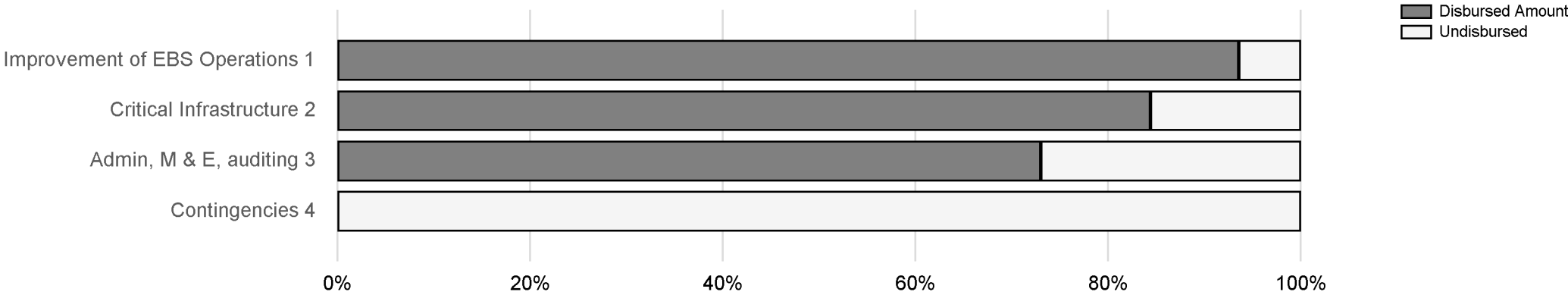


# PMR Public Report

Operation Number	SU-L1039	Chief of Operations Validation Date	04/08/22						
Year- PMR Cycle	Second period Jan-Dec 2021	Division Chief Validation Date	04/24/22						
Last Update	04/08/22	Country Representative Validation Date	04/25/22						
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	NV ENERGIE BEDRIJVEN SURINAME, ENERGIEBEDRIJVEN SURINAME	Sector/Subsector	ENERGY-ENERGY SECTOR REHABILITATION AND EFFICIENCY						
Team Leader	ABADAL COLOMINA, JORDI	Overall Stage	Fully Disbursed						
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									
	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
SU-L1039	33,000,000	33,000,000	0	0	33,000,000	33,000,000	33,000,000	100.00%	-
Aggregated	33,000,000	33,000,000	0	0	33,000,000	33,000,000	33,000,000	0.00%	-
Expense Categories by Loan Contract (cumulative values)									



Please 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.

RESULTS MATRIX							
General Development Objectives							
General Development Objectives Nbr. 0: A more reliable energy supply system.							
Observation: EPAR operator (EBS) data and reports.							
Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2022	
0.0	System Average Interruption Duration Index (SAIDI) for the EPAR system.	hours/client	18.5	2013		P	16.2
						A	18.5
Details							
Means of Verification: EPAR operator (EBS) data and reports							
Observations:							
The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No							
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: Strengthening in EBS's operational procedures and corporate performance.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	EOP 2022
0.0	EBS’ business units trained on the operation, maintenance and updating of the new DMS/OMS and ERP.	Business Units	0	2013	P	-	-	3
					A	-	-	-

Details

Means of Verification: EBS technical reports; Inspection visits

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 1: Increased power delivery capacity.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	EOP 2022
1.0	Substation F transformation capacity	MVA	7	2013	P	-	-	25
					A	-	-	7

Details

Means of Verification: EPAR operator (EBS) data and reports

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2021	EOP 2022
1.1	Substation Boma transformation capacity	MVA	0	2013	P	-	-	25
					A	-	-	-

Details

Means of Verification: EPAR operator (EBS) data and reports

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component 1 – Improvement of EBS’ Operations.

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2022	2021	EOP 2022
1.01	Outage Management System (OMS) fully functional.	System	P	-	1	-	1,340,000
			P (a)	-	1	567,531.4	2,387,984.59
			A	-	1	372,433.67	2,092,231.59
1.02	Enterprise Resource Planning (ERP) platform procured and implemented.	Platform	P	-	1	-	8,763,000
			P (a)	1	1	730,953.11	10,643,757.87
			A	-	-	616,776.48	10,473,182.55
1.03	Energy Efficiency Framework plan implemented.	Plan	P	-	1	-	2,000,000
			P (a)	-	1	17,797	599,225.25
			A	-	1	17,797	599,225.25
1.04	Guidelines for the EBS transition to a new corporate structure designed.	Guidelines	P	-	1	-	750,000
			P (a)	-	1	244,838	991,509.45
			A	-	1	91,372.51	843,029.15

Component Nbr. 2 Component 2 – Critical Infrastructure.

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2022	2021	EOP 2022
2.01	Upgraded Substation J procured and commissioned.	Substation	P	-	1	-	4,000,000
			P (a)	1	1	1,117,449.63	4,911,040.1
			A	1	1	549,421.57	4,296,449.1
2.02	Upgraded Substation F procured and commissioned.	Substation	P	-	1	-	4,000,000
			P (a)	1	1	418,489	2,436,803.05
			A	1	1	522,563.07	2,414,211.05
2.03	New Substation Boma procured and commissioned.	Substation	P	-	1	-	3,441,500
			P (a)	1	1	673,201	2,684,343.84
			A	1	1	226,050.19	2,194,945.84
2.04	Upgraded Substation E procured and commissioned.	Substation	P	-	1	-	2,791,500
			P (a)	1	1	1,026,905	2,094,044.93
			A	-	-	427,975.87	1,336,010.93
2.05	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)	1	11	900,795.07	2,548,978.26
			A	1	11	868,935.77	2,517,118.96
2.06	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)	5	15	944,565.79	2,269,133.93
			A	5	15	741,657.04	2,066,225.18

Other Cost				
	Administration, monitoring, evaluation, auditing	P		700,000
		P (a)	59,775	599,852.39
		A	21,511.72	527,997.39
	Contingencies	P		1,447,000
		P (a)		76,443.49
		A		0
Total Cost				
	Total Cost	P		33,000,000
		P (a)	6,702,300	32,243,117.15
		A	4,456,494.89	29,360,626.99

CHANGES TO THE MATRIX

Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Enterprise Resource Planning (ERP) platform procured and implemented.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	RAIJANTG	3/23/2022
	Guidelines for the EBS transition to a new corporate structure designed.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SBALLON	3/28/2022
	New Substation Boma procured and commissioned.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SBALLON	3/28/2022
	Outage Management System (OMS) fully functional.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SBALLON	3/28/2022
	Upgraded Substation E procured and commissioned.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SBALLON	3/28/2022
	Upgraded Substation F procured and commissioned.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SBALLON	3/28/2022
	Upgraded Substation J procured and commissioned.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	SBALLON	3/28/2022

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		Economic and Financial Environment
	Response Actions		
	1.1	Management Strategy	Status
		MITIGATE	INACTIVE

Risk ID	Risk Status		Risk Taxonomy
4	Inactive		Institutional Environment
	Response Actions		
	4.0	Management Strategy	Status
		-	

Risk ID	Risk Status		Risk Taxonomy
6	Active		Goods, and Services
	Response Actions		
	6.1	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
8	Inactive		Planning
	Response Actions		
	8.0	Management Strategy	Status
		-	

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories