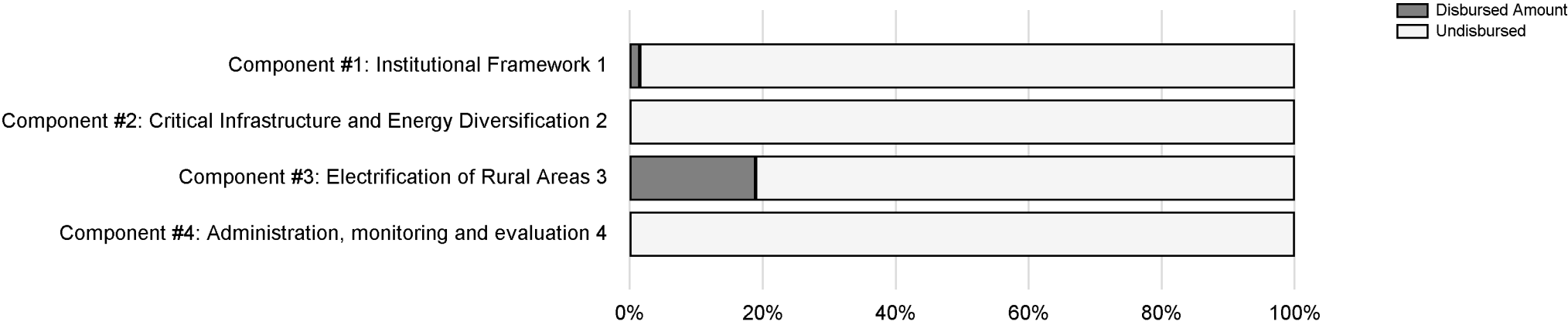


PMR Public Report

Operation Number	SU-L1055	Chief of Operations Validation Date	03/30/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	04/17/23
Last Update	03/30/23	Country Representative Validation Date	04/27/23
PMR Validation Stage	Validated by Representative		
Basic Data			
Operation Profile			
Operation Name	Consolidating a Sustainable Energy Sector	Loan Number	4931/OC-SU, 4931/OC-SU-1, 4931/OC-SU-2
Executing Agency	NV ENERGIE BEDRIJVEN SURINAME	Sector/Subsector	ENERGY-RURAL ELECTRIFICATION
	, ENERGIEBEDRIJVEN SURINAME		
	, MINISTRY OF NATURAL RESOURCES		
Team Leader	BALLON LOPEZ, SERGIO ENRIQUE	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	Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	No works have begun, only procurement of equipment and material has been completed. An E&S specialist has been assigned to the project by the EA as required by the loan conditions. An Agreement with Hannover was signed and submitted to the Bank. The Bank gave non-objection to the Addendum to the ESIA/ESMP and required public consultations.		

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-L1055	30,000,000	30,000,000	0	0	30,000,000	30,000,000	5,481,195.11	18.27%	24,518,804.89
Aggregated	30,000,000	30,000,000	0	0	30,000,000	30,000,000	5,481,195.11	18.27%	24,518,804.89

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: Diversification of Electricity Matrix

Observation: n/a

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2025	
0.0	Solar energy contribution in the energy matrix.	%	0.5	2018	2024	P	1
						A	-
Details							

Means of Verification: Key Performance Indicators database (EAS)

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	

General Development Objectives Nbr. 1: Increase of Energy Covergage

Observation: n/a

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2025	
1.0	Country's electricity access rate.	%	90	2018	2024	P	95
						A	-
Details							

Means of Verification: Key Performance Indicators database or OLADE's report.

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): Yes

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: Outcome #1: A more reliable energy supply system

Observation: n/a

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
0.0	Indicator #1: Reduction of SAIDI in Zanderij area	Minutes	0	2019	P	-	-	-	-	2,633	2,633	2,633
					A	-	-	-	-	-	-	

Details

Means of Verification: Impact evaluation study. Data to be provided by EBS.

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
0.2	Indicator #2: Number of households with improved service (Right bank Commewijne)	Households	0	2019	P	-	-	-	-	500	500	500
					A	-	-	-	-	-	-	

Details

Means of Verification: Data to be provided by EBS customer services

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 1: Outcome #2: Rural areas with access to secured and sustainable energy supply

Observation: n/a

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.0	Indicator #3: Electricity supplied by grid extension in rural areas (Koina Kondre area)	MWh/year	0	2019	P	-	-	-	5,575	5,855	5,855	5,855
					A	-	-	-	-	-	-	

Details

Means of Verification: Impact evaluation study. Data to be provided by EBS

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.2	Indicator #4: Electricity supplied by solar plants in rural areas financed by the project (Brownsweg, Alliance and Upper Suriname)	MWh/year	0	2019	P	-	-	-	1,276	1,276	1,276	1,276
					A	-	-	-	-	-	-	

Details

Means of Verification: Impact evaluation study. Data to be provided by EBS

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Component #1: Institutional Framework

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
1.01	Energy Authority of Suriname organizational documents completed	Studies	P	1	1	40,000	85,000
			P (a)	-	1	5,000	85,000
			A	-	-	-	-
1.02	Database for Key Performance Indicators completed	system	P	-	1	205,000	386,000
			P (a)	-	1	-	386,000
			A	-	-	-	-
1.03	Electricity Sector Plan studies completed	Studies	P	-	1	170,000	250,000
			P (a)	-	1	-	250,000
			A	-	-	-	-
1.04	Draft Acts and State Decrees for the energy sector completed	Acts	P	2	7	80,000	200,000
			P (a)	-	7	10,000	200,000
			A	-	-	-	-
1.05	EAS fully operational and logistics for its startup completed	Institution	P	-	1	318,320	1,079,000
			P (a)	-	1	50,000	1,079,000
			A	-	-	-	-
1.06	DMS information system developed and pilot project completed	system	P	-	1	806,000	3,080,000
			P (a)	-	1	17,500	3,080,000
			A	-	-	35,228	35,228
1.07	IT systems integrated with OMS and DMS	system	P	-	1	1,655,000	6,620,000
			P (a)	-	1	17,500	6,620,000
			A	-	-	-	-
1.08	Technical guidance for EBS reorganization completed	Studies	P	1	2	250,000	500,000
			P (a)	-	2	217,000	500,000
			A	-	-	148,595	148,595
1.09	Trainings to EBS completed	Number of People Trained	P	25	100	75,000	300,000
			P (a)	25	100	50,000	300,000
			A	25	25	39,260	39,260
1.10	Strategy for gender equity and people with disabilities	strategy	P	1	1	170,000	200,000
			P (a)	-	1	40,000	200,000
			A	-	-	29,013	29,013

Component Nbr. 2 Component #2: Critical Infrastructure and Energy Diversification

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
2.01	New 33kV Overhead Transmission line from substation Powakka - Substation G (20 km) procured, installed and commissioned	Km	P	-	20	675,000	3,000,000
			P (a)	-	20	435,000	3,000,000
			A	-	-	-	-
2.02	New 12 kV river cable Commewijne installed and commissioned	Km	P	-	1	60,000	600,000
			P (a)	-	1	60,000	600,000
			A	-	-	-	-
2.03	New 12 kV distribution grid Plantation Richelieu - Marienburg installed and commissioned	Km	P	-	10	120,000	1,200,000
			P (a)	-	10	120,000	1,200,000
			A	-	-	-	-
2.04	New 12 kV distribution grid Right Bank Commewijne river installed and commissioned	Km	P	-	9	230,000	1,400,000
			P (a)	-	9	230,000	1,400,000
			A	-	-	-	-
2.05	Feasibility study for completed LNG plant	Studies	P	-	1	100,000	500,000
			P (a)	-	1	32,000	500,000
			A	-	-	-	-
2.06	Tender documents for the procurement of Renewable Energy completed	Studies	P	-	1	100,000	500,000
			P (a)	-	1	-	500,000
			A	-	-	-	-

Component Nbr. 3 Component #3: Electrification of Rural Areas

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
3.01	New 12 kV distribution grid (Substation Powakka - Marshall Bridge) procured, installed and commissioned	Km	P	-	24	1,483,000	1,875,000
			P (a)	-	24	421,000	1,875,000
			A	-	-	286,187	286,187
3.02	New customers in target area (Koina Kondre) contracting electricity 24/h from EBS	# of households	P	496	496	305,000	325,000
			P (a)	496	496	57,500	325,000
			A	496	496	-	-
3.03	Solar plant in Brownweg installed	kW	P	-	500	215,000	1,950,000
			P (a)	-	500	240,000	1,950,000
			A	-	-	-	-
3.04	Extension 12 kV distribution grid at Brownsweg installed and commissioned	Km	P	-	5	90,000	450,000
			P (a)	-	5	-	450,000
			A	-	-	139,116	139,116
3.05	New customers in target area (Brownsweg) contracting electricity 24/h from EBS	# of households	P	-	25	10,000	100,000
			P (a)	-	25	-	100,000
			A	-	-	-	-
3.06	Solar plant in Alliance installed	kW	P	-	200	110,000	1,000,000
			P (a)	-	200	122,000	1,000,000
			A	-	-	-	-
3.07	Solar plants in Upper Suriname installed	kW	P	-	250	50,000	1,575,000
			P (a)	-	250	250,000	1,575,000
			A	-	-	783,206	783,206
3.08	New distribution grid at Upstream Suriname Villages installed and commissioned	Number	P	-	10	332,000	540,000
			P (a)	-	10	-	540,000
			A	-	-	422,885	422,885
3.09	New customers in target area (Upper Suriname) contracting electricity 24/h from EBS	# of households	P	-	350	83,000	135,000
			P (a)	-	350	-	135,000
			A	-	-	-	-

Other Cost				
	Administration, monitoring and evaluation (MNH program)	P	25,000	150,000
		P (a)	25,000	150,000
		A	0	0
	Administration, monitoring and evaluation (EBS program)	P	270,000	1,000,000
		P (a)	40,000	1,000,000
		A	0	0
	Contingencies	P	250,000	1,000,000
		P (a)	0	1,000,000
		A	0	0

Total Cost				
	Total Cost	P	8,277,320	30,000,000
		P (a)	2,439,500	30,000,000
		A	1,883,490	1,883,490

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		Sustainability
	Response Actions		
	1.01	Management Strategy	Status
		AVOID	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
2	Inactive		Governance Framework
	Response Actions		
	2	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
3	Inactive		Institutional Environment
	Response Actions		
	3.01	Management Strategy	Status
		MITIGATE	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
4	Inactive		Internal Processes
	Response Actions		
	4	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
5	Active		Human Resources
	Response Actions		
	5	Management Strategy	Status



IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Intra/Inter Coordination
Project Monitoring & Evaluation