

Operation Number: SU

SU-L1009

Second period Jan-Dec 2014

Last Update: 4/

Year- PMR Cycle:

4/18/2015

PMR Validation Stage: Validated by Representative

Chief of Operations validation date:

Division Chief validation date:

Division Chief validation date: 05/14/2015
Country Representative validation date: 05/18/2015

04/21/2015

Inter-American Development Bank - IDB Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

Operation name:	Support to Improve Sustainability of the Electricity Service	Loan Number:	3059/OC-SU
Executing Agency (EA):	ENERGIEBEDRIJ VEN SURINAME		
Team Leader:	Echeverría Echeverría, Carlos Bladimir	Sector/Subsector:	EN
Operation Type:	Loan Operation	Overall Stage:	Disbursing (From eligibility until all the loans are closed).
Lending Instrument:	Investment Loan	Country:	SURINAME
Borrower:	REPUBLIC OF SURINAME	Convergence related Operation(s):	

Total Cost and Source

Available Funds (US\$)

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate		Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
SU-L1009	\$30,000,000.00	\$30,000,000.00	\$0.00	\$0.00	\$30,000,000.00	SU-L1009	\$30,000,000.00	\$5,220,878.00	17.40%	\$24,779,122.00

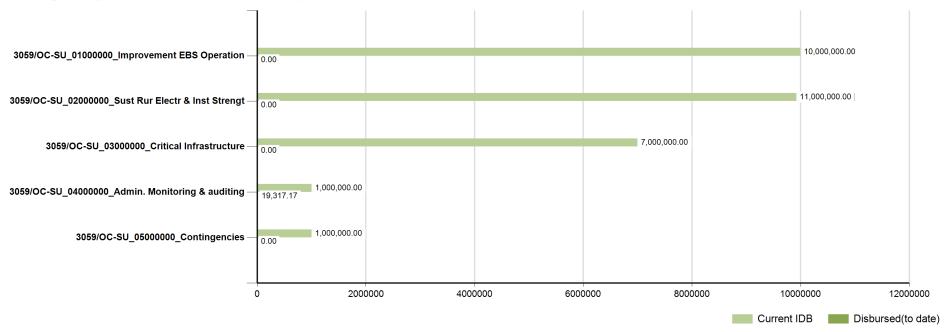
Environmental and Social Safeguards

	Main Operation
Impacts Category:	С
Safeguard Performance Rating:	
Safeguard Performance Rating - Rationale:	

Reformulation Information

	Main Operation
Was/Were the objective(s) of this operation reformulated?	NO
Date of approval:	

Expense Categories by Loan Contract (cumulative values)



Results Matrix

Impacts

Impact:	1 Increase in e	1 Increase in electrification coverage								
Observation:	Based on Count	ry Strategy 20	11-2015							
Indi	cators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations		EOP	
1.1 Percentage of the population with access to electricity.					2013			P	90.00	
			Percentag e	85.00		2013 Sector statistics		P(a)	90.00	
								Α	85.00	
Impact:	2 Improvemen	ts in the su	stainability o	f rural elec	trification su	apply				
Observation:	Based on Count	ry Strategy 20	11-2015							
Indi	cators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations		EOP	
2.1 Percentage	of cost recovery		_					Р	30.00	
for electricity supply in interior locations			Percentag e	0.00	2013	Sector statistics		P(a)	30.00	
						Statistics		Α	0.00	

Outcomes

Outoo	1100								
Outco me:	1 Stren	gthening i	n EBS's ope	rational pro	cedures	and corpora	ate perforr	nance	
Observ ation:									
Indica	tors	Elage*	Unit of	Basolino	Baselin	Means of	Observ		EOP

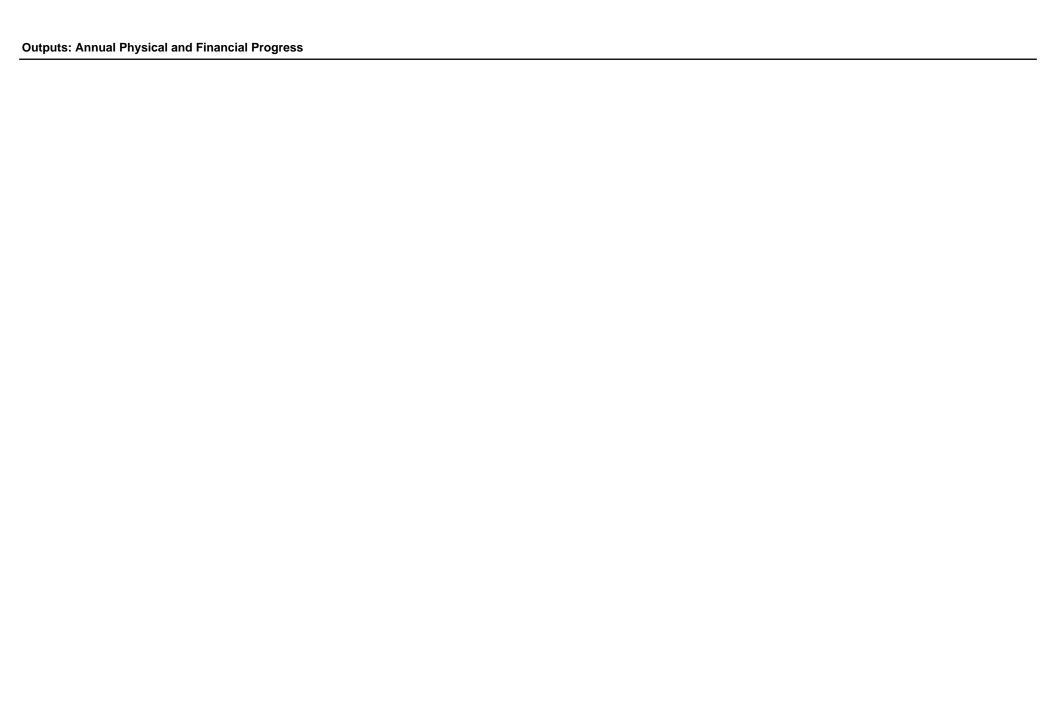
Indicators	Flags*	Unit of Measure	Baseline	Baselin e Year	Means of verification	Observ ations		EOP	
1.1 Operational							Р	2.00	
GIS and					Field visits and EBS technical reports			P(a)	2.00
SCADA systems in use		System	0.00	2013			Α	0.00	
by EBS□ business units									
Outco 2 Pur	al areas with	access to	secured and	d cuetains	able energy	cupply			

Outco me: 2 Rural areas with access to secured and sustainable energy supply

Observ ation:

Indicators	Flags*	Unit of Measure	Baseline	Baselin e Year	Means of verificatio n	Observ ations		EOP
2.1 Annual		Aggregate	Based	Р	4,852.00			
electricity sales by EBS in the targeted rural			521.00	2013	d metering data; project	on estimate	P(a)	4,852.00
		MWh/yr					Α	521.00
electrification areas (Powakka)					reports; final evaluation	s provided by EBS		
2.2 Annual					Aggregate	Based	Р	1,500.00
electricity sales by EBS in the			750.00	2013	d metering data; project	on estimate	P(a)	1,500.00
targeted rural		MWh/yr					Α	750.00
electrification areas (Atjoni)					reports; final evaluation	s provided by EBS		

me: Observ ation:			oly system					
Indicators	Flags*	Unit of Measure	Baseline	Baselin e Year	Means of verificatio	Observ ations		EOP
3.2 System					EPAR		Р	16.20
Average		Index	17.50	2013	operator		P(a)	16.20
Interruption Duration Index		index	17.50	2013	(EBS) data		Α	17.50
(SAIDI)					and reports			



Component 1. Improvement of EBS' Operations			Physical Prog	ress	Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Integrated SCADA system designed	System	Р		1.00	Р	543,388.00	1,423,388.00
		P(a)		1.00	P(a)	543,388.00	1,732,140.00
		Α	0.00	0.00	Α	0.00	0.00
Integrated SCADA system procured	System	Р		1.00	Р		4,876,612.00
and implemented		P(a)		1.00	P(a)		4,939,997.95
		Α	0.00	0.00	Α	0.00	0.00
Enterprise Resource	System	Р		1.00	Р	200,000.00	500,000.00
Planning (ERP) system designed and		P(a)		1.00	P(a)	200,000.00	70,674.72
specified		Α	0.00	0.00	Α	45,674.72	45,674.72
Geographical Information System (GIS)	System	Р		1.00	Р	270,000.00	450,000.00
designed		P(a)		1.00	P(a)	270,000.00	203,896.94
		Α	0.00	0.00	Α	50,852.22	50,852.22
Geographical Information System (GIS)	System	Р		1.00	Р	701,000.00	2,750,000.00
procured and		P(a)		1.00	P(a)	701,000.00	3,053,290.39
implemented		Α	0.00	0.00	Α	515,536.25	515,536.25
Component II. Sustainable Rural Electoristitutional Strengthening.	trification and		Physical Prog	ress		Financial Prog	gress
Outputs	Unit of Measure		2014	EOP		2014	EOP
Substation Paranam (S/S P) upgraded	Substation	Р		1.00	Р	643,500.00	2,145,000.00
, , 13		P(a)		1.00	P(a)	643,500.00	1,624,374.00
		A	0.00	0.00	A	0.00	0.00
Substation Powakka (S/S POW)	Substation	Р		1.00	Р	801,450.00	2,671,500.00
procured and implemented		P(a)		1.00	P(a)	801,450.00	2,465,415.86
		Α	0.00	0.00	Α	163,375.70	163,375.70
Transmission and distribution systems	System	Р		1.00	Р	723,838.80	2,412,796.00
in target area Powakka-Ayo-Redi Doti-		P(a)		1.00	P(a)	723,838.80	2,926,710.14
Casipoera procured and installed		Α	0.00	0.00	Α	0.00	0.00
Households in target area (Powakka)	Household	Р		1,797.00	Р		237,204.00
contracting 24/h electricity from EBS		P(a)		1,797.00	P(a)		450,000.00
using prepaid meters		Α	0.00	0.00	Α	0.00	0.00
Power Station Atjoni (P/S Atjoni)	Power Station	Р		1.00	Р	140,500.00	378,500.00
habilitated for hybdrid power supply by		P(a)		1.00	P(a)	140,500.00	378,500.00
EBS		Α	0.00	0.00	Α	0.00	0.00
RET-based generating capacity	kW	Р		500.00	Р	50,000.00	2,620,000.00
systems procured and installed in Atjoni		P(a)		500.00	P(a)	50,000.00	2,620,000.00
(kW)		Α	0.00	0.00	Α	0.00	0.00
Households in target	Household	Р		494.00	Р	138,000.00	535,000.00
area (Atjoni) contracting		P(a)		494.00	P(a)	138,000.00	535,000.00
electricity 24/h from EBS using prepaid meters		Α	0.00	0.00	Α	0.00	0.00
Component III. Critical Infrastructure.	I.		Physical Prog	ress		Financial Prog	gress
Outputs	Unit of Measure		2014	EOP		2014	EOP
Upgrade EBS Substation S/S C	Substation	Р		1.00	Р	990,000.00	2,300,000.00
procured and commissioned	Gubsiation	P(a)		1.00	P(a)	990,000.00	2,300,000.00
•		A	0.00	0.00	A	0.00	0.00
Upgrade EBS Substation S/S D	Substation	P	0.00	1.00	P	1,655,000.00	4,700,000.00
procured and commissioned	Junatation	P(a)		1.00	P(a)	1,655,000.00	4,700,000.00
•		A	0.00	0.00	P(a)	0.00	
		A	0.00	0.00	A	0.00	0.00

Other Cost		2014	Cost
Administration, monitoring, auditing	P	\$75,000.00	\$1,000,000.00
	P(a)	\$75,000.00	\$1,000,000.00
	Α	\$22,086.00	\$22,086.00
Contingencies	P	\$350,000.00	\$1,000,000.00
	P(a)	\$350,000.00	\$1,000,000.00
	Α	\$0.00	\$0.00
Total Cost		2014	Total Cost
	Р	\$7,281,676.80	\$30,000,000.00
	P(a)	\$7,281,676.80	\$16,720,092.71
	A	\$797,524.89	\$797,524.89

Changes to the Matrix

No information related to this operation.

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.