

# PMR Public Report

Operation Number	BO-L1117	Chief of Operations Validation Date	04/04/22
Year- PMR Cycle	Second period Jan-Dec 2021	Division Chief Validation Date	05/02/22
Last Update	03/28/22	Country Representative Validation Date	05/12/22
PMR Validation Stage	Validated by Representative		

## Basic Data

### Operation Profile

Operation Name	Rural Electrification Program II	Loan Number	3725/BL-BO, 3725/BL-BO-1, 3725/BL-BO-2, 3725/BL-BO-3
Executing Agency	VICEMINISTERIO DE ELECTRICIDAD Y ENERGIAS ALTERNATIVAS, EMPRESA NACIONAL DE ELECTRICIDAD, MINISTERIO DE HIDROCARBUROS Y ENERGIA	Sector/Subsector	ENERGY-RURAL ELECTRIFICATION
Team Leader	BALLON LOPEZ, SERGIO ENRIQUE	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Bolivia
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLICA DE BOLIVIA		

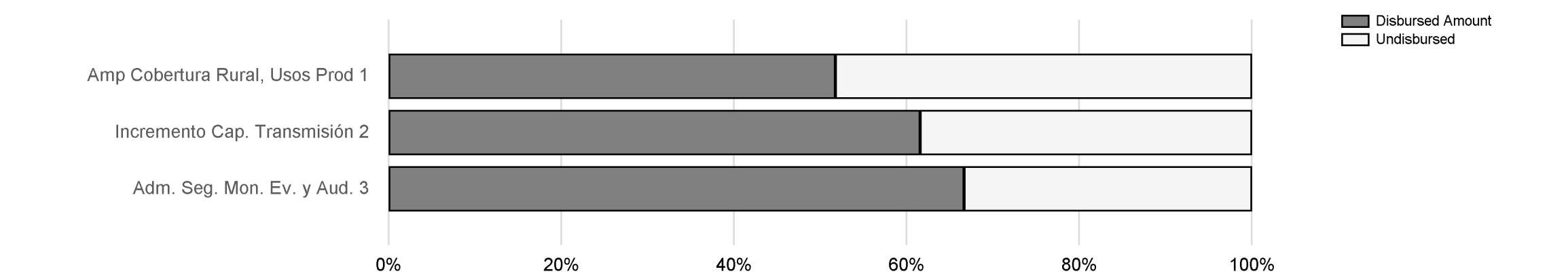
### Environmental and Social Safeguards

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
BO-L1117	100,000,000	100,000,000	0	0	100,000,000	100,000,000	68,902,908.25	68.90%	31,097,091.75
Aggregated	100,000,000	100,000,000	0	0	100,000,000	100,000,000	68,902,908.25	68.90%	31,097,091.75

### 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

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 1: Incrementar la cobertura eléctrica y promover su acceso de forma confiable, eficiente y sostenible en áreas rurales

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	2022		EOP 2022
1.1	Número de hogares beneficiados con conexión al servicio de energía eléctrica	# of households	0	2015	P	-	25,000
					A	-	-

Details

Means of Verification:

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.5 Households with improved access to energy services (#) (C)		

Indicator		Unit of Measure	Baseline	Baseline Year	2022		EOP 2022
1.2	Energía facturada a los beneficiarios del programa	kWh/mes	0	2015	P	-	20
					A	-	-

Details

Means of Verification:

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Specific Development Objectives Nbr. 2: Incrementar el consumo de energía eléctrica en usos productivos en las zonas rurales a ser intervenidas

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	2022		EOP 2022
2.1	Beneficiarios que adoptan usos de la electricidad en temas productivos.	# beneficiarios	0	2016	P	-	1,400
					A	-	-

Details

Means of Verification:

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Specific Development Objectives Nbr. 3: Incrementar la capacidad de transmisión de energía eléctrica para poder atender la demanda en la zona de ampliación de cobertura bajo el programa, y reducir las emisiones de CO2 asociadas al uso de combustibles fósiles en sistemas aislados.

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	2022		EOP 2022
3.1	Capacidad instalada la línea de transmisión Padilla–Monteagudo-Camiri	MVA	0	2015	P	-	25
					A	-	-

Details

Means of Verification:

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			
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Indicator		Unit of Measure	Baseline	Baseline Year		2022	EOP 2022
3.2	Emisiones asociadas al consumo de gas en los sistemas de Monteagudo, Muyupampa, y Camiri	Ton de CO2/año	23400	2015	P	-	16,400
					A	-	-

Details

Means of Verification:

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Componente I - Subcomponente I.1 Extensión de redes de distribución

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2022	2021	EOP 2022
1.01	Líneas de distribución instaladas y operando	km	P	863	3,815	20,927,834	60,000,000
			P (a)	780	3,815	20,174,612.13	60,000,000
			A	1,320	1,839	25,943,046.58	38,030,907.28

Component Nbr. 2 Componente I - Subcomponente I.2 Fomento a usos productivos de la electricidad

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2022	2021	EOP 2022
2.01	Plan de fomento de usos productivos de la energía eléctrica en áreas rurales con perspectiva de género diseñado e implementado	Plan	P	-	1	650,000	1,750,000
			P (a)	-	1	978,000	1,750,000
			A	-	-	492,460	549,960
2.02	Evaluación de impacto, finalizada	evaluación	P	-	1	-	250,000
			P (a)	-	1	65,000	250,000
			A	-	-	15,900	15,900

Component Nbr. 3 Componente I - Subcomponente I.3 Preinversión y desarrollo de estudios y normativa para electrificación rural

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2022	2021	EOP 2022
3.01	Plan Nacional de Electrificación Rural concluido, aprobado socializado por el VMEEA	Plan	P	1	1	750,000	3,000,000
			P (a)	1	1	963,628	3,000,000
			A	-	-	792,780	956,096.27
3.02	Elaboración de programas y proyectos de ER	Programas / Proyectos	P	-	-	-	-
			P (a)	2	2	864,361	477,758
			A	-	-	-	61,798

Component Nbr. 4    Componente II Incremento de la capacidad de transmisión hacia áreas rurales

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2021	EOP 2022	2021	EOP 2022
4.01	Suministro, montaje y construcción de la línea de transmisión Padilla-Monteagudo-Camiri	km	P	125	125	209,183	14,200,000
			P (a)	125	125	2,352,896.58	8,097,725.49
			A	125	125	2,985,480.66	7,779,416.73
4.02	Ampliación de la subestación Padilla	SE ampliada	P	1	1	561,840	3,616,667
			P (a)	1	1	1,831,457.61	2,973,547.05
			A	1	1	1,466,794.63	2,400,848.33
4.03	Suministro, montaje y construcción de la subestación Monteagudo	SE instalada	P	1	1	1,902,066	7,383,333
			P (a)	1	1	3,546,514.48	7,383,333.26
			A	1	1	3,668,835.45	6,559,039.58
4.04	Suministro, montaje y construcción de la subestación Camiri	SE instalada	P	1	1	1,222,757	4,800,000
			P (a)	1	1	2,507,201.67	4,800,000
			A	1	1	2,399,364.72	4,113,219.19

Other Cost				
	Costos- Administración, Seguimiento, Monitoreo y Evaluación - Subcomponente I.1	P	511,763.48	2,210,000
		P (a)	350,078.47	2,210,000.02
		A	421,335.59	1,042,549.62
	Costos- Administración, Seguimiento, Monitoreo y Evaluación - Subcomponentes I.2 y I.3	P	286,478.14	1,390,000
		P (a)	365,046	1,390,000
		A	308,135	1,024,079.88
	Costos- Administración, Seguimiento, Monitoreo y Evaluación - Componente II	P	329,152	1,400,000
		P (a)	588,363.17	1,784,734.73
		A	426,820.27	1,364,532.6
Total Cost				
	Total Cost	P	27,351,073.62	100,000,000
		P (a)	34,587,159.11	94,117,098.55
		A	38,920,952.9	63,898,347.48

CHANGES TO THE MATRIX

Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Ampliación de la subestación Padilla	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022
	Evaluación de impacto, finalizada	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022
	Plan de fomento de usos productivos de la energía eléctrica en áreas rurales con perspectiva de género diseñado e implementado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022
	Plan Nacional de Electrificación Rural concluido, aprobado socializado por el VMEEA	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022
	Suministro, montaje y construcción de la línea de transmisión Padilla-Monteagudo-Camiri	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022
	Suministro, montaje y construcción de la subestación Camiri	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022
	Suministro, montaje y construcción de la subestación Monteagudo	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CINTHYAPR	3/28/2022

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy		
2	Active		Planning		
	Response Actions				
	2.0	Management Strategy		Status	
		-			

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories