

PMR Public Report

Operation Number	HO-G1247	Chief of Operations Validation Date	04/22/21
Year- PMR Cycle	Second period Jan-Dec 2020	Division Chief Validation Date	05/03/21
Last Update	04/22/21	Country Representative Validation Date	05/03/21
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Remote Area Rural Electrification Program	Loan Number	GRT/SX-17123-HO
Executing Agency	EMPRESA NACIONAL DE ENERGIA ELECTRICA	Sector/Subsector	ENERGY-RURAL ELECTRIFICATION
Team Leader	JACOME MONTENEGRO, CARLOS ALBERTO	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Investment Grants	Country	Honduras
Lending Instrument		Convergence related Operation(s)	
Borrower			

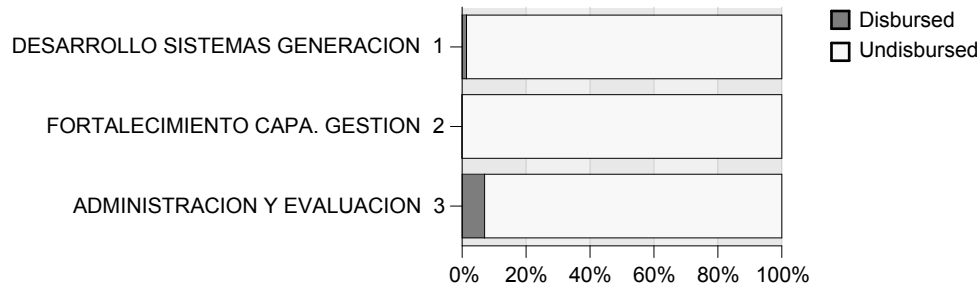
Environmental and Social Safeguards

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
HO-G1247	0	6,420,000	0	0	6,420,000	6,420,000	230,219	3.59%	6,189,781
Aggregated	0	6,420,000	0	0	6,420,000	6,420,000	230,219	3.59%	6,189,781

Expense Categories by Loan Contract (cumulative values)



PMR Public Report

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 1: Acceso de Electricidad a Nivel Nacional

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
1.1	Cobertura eléctrica	%	77.21	2017	2022	P	87.00
						A	

Details

Means of verification: Informe Anual Gerencia de planificación de la ENEE

Pro-Gender No **Pro-Ethnicity** No

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

General Development Objectives Nbr. 2: Factor de Emisión de CO² Ponderado del Sistema Eléctrico

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
2.1	Emisiones de CO ² por unidad de energía producida	Ton CO ² /MWh	0.53	2017	2022	P	0.40
						A	

Details

Means of verification: Informe Anual Gerencia de planificación de la ENEE

Pro-Gender No **Pro-Ethnicity** No

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

PMR Public Report

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 1: Cobertura de Energía Incrementada

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
1.1	Hogares beneficiados por generación eléctrica con energía renovable en Guanaja	# of households	0.00	2017	P	0.00	0.00	0.00	1,195.00	1,195.00
					A			0.00		

Details

Means of verification: Informes Semestrales de Seguimiento ENEE

Pro-Gender	No	Pro-Ethnicity	No
------------	----	---------------	----

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
1.2	Hogares beneficiados por generación eléctrica con energía renovable en Brus Laguna	# of households	0.00	2017	P	0.00	0.00	0.00	1,100.00	2,270.00
					A			0.00		

Details

Pro-Gender	No	Pro-Ethnicity	No
------------	----	---------------	----

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
1.3	Hogares beneficiados por generación eléctrica con energía renovable en El Corpus	# of households	0.00	2017	P	0.00	0.00	300.00	0.00	300.00
					A			0.00		

Details

Pro-Gender	No	Pro-Ethnicity	No
------------	----	---------------	----

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
1.4	Hogares beneficiados por generación eléctrica con energía renovable en Concepción de María	# of households	0.00	2017	P	0.00	0.00	300.00	0.00	300.00
					A			0.00		

Details

Pro-Gender	No	Pro-Ethnicity	No
------------	----	---------------	----

Specific Development Objectives Nbr. 2: Mejora de la Sostenibilidad Técnica, Económica y Social de Sistemas de Electrificación en Lugares Aislados

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
2.1	Energía anual facturada por consumo de los usuarios beneficiados por el programa en Guanaja	MWh/año	0.00	2017	P					

PMR Public Report

RESULTS MATRIX

Specific Development Objectives

2.1	Energía anual facturada por consumo de los usuarios beneficiados por el programa en Guanaja	MWh/año	0.00	2017	A						
Details											
Pro-Gender		No		Pro-Ethnicity		No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
2.2	Energía anual facturada por consumo de los usuarios beneficiados por el programa en Brus Laguna	MWh/año	0.00	2017	P						
					A			0.00			
Details											
Pro-Gender		No		Pro-Ethnicity		No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
2.3	Gasto en electricidad a nivel residencial en Guanaja	Lemp/kWh	11.00	2018	P						
					A			0.00			
Details											
Pro-Gender		No		Pro-Ethnicity		No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
2.4	Gasto en electricidad a nivel residencial en Brus Laguna	Lemp/kWh	16.00	2018	P						
					A			0.00			
Details											
Pro-Gender		No		Pro-Ethnicity		No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
2.5	Gasto de energía a nivel residencial en El Corpus y Concepción de María	Lemp/kWh	3.85	2018	P						
					A			0.00			
Details											
Pro-Gender		No		Pro-Ethnicity		No					

Specific Development Objectives Nbr. 3: Capacidades de la ENEE para la Gestión de Proyectos de Electrificación Rural Mejorada

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	EOP 2022
-----------	-----------------	----------	---------------	--	------	------	------	------	------	----------

PMR Public Report

RESULTS MATRIX

Specific Development Objectives

3.1	Plan de acceso de energía a nivel nacional incorporando el desarrollo de microredes	Hours (#)	0.00	2017	P	0.00	0.00	1.00	0.00		1.00
					A			0.00			
Details											
Means of verification: Reporte del plan de acceso de energía a nivel nacional											
Pro-Gender		No			Pro-Ethnicity		No				

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Desarrollo de Sistemas de Generación Eléctrica en Lugares Rurales Aislados del Sistema Interconectado

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2022	2020	EOP 2022
1.1	Planta solar fotovoltaica en la Isla de Guanaja, construida y operando	Planta	P	0	1	25,000	2,825,000
			P(a)		1	38,533	2,810,719.58
			A		0	163,124.24	163,124.24
1.2	Planta solar fotovoltaica en el municipio de Brus Laguna, construida y operando	Planta	P	1	1	25,000	2,525,000
			P(a)		1	22,075	2,850,598.48
			A		0	20,900.33	32,560.33
1.3	Sistemas fotovoltaicos domiciliarios en los municipios de El Corpus y Concepción de María, instalados y operando	Sistema	P	0	650	118,250	410,000
			P(a)		650	9,893	426,730.84
			A		0	9,893.33	9,893.33
1.4	Comité conformado para el apoyo a la sostenibilidad técnica, económica y social en el Corpus y Concepción de María	Comité	P	0	2	20,000	20,000
			P(a)		2	0	20,000
			A		0	0	0

Component Nbr. 2 Fortalecimiento de las Capacidades de Gestión

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2022	2020	EOP 2022
2.1	Modelos de gestión diseñados e implementados	Modelo	P	0	3	15,000	40,000
			P(a)		3	0	40,000
			A		0	0	0
2.2	Estrategia para la sostenibilidad financiera y social diseñada e implementada	Estrategia	P	0	2	30,000	110,000
			P(a)		2	0	135,648.77
			A		0	0	0
2.3	Estrategia de fortalecimiento del Fondo Social de Desarrollo Eléctrico diseñada e implementada	Estrategia	P	0	1	116,000	170,000
			P(a)		1	0	135,416
			A		0	7,500	7,500
2.4	Personal capacitado en la planificación y desarrollo de microredes con energía renovables	Estrategia	P	6	24	60,000	60,000
			P(a)	12	29	20,000	55,710
			A	18	18	0	0

Other Cost

Supervisión		P			46,041.67	130,000
		P(a)			0	99,960
		A			0	0
Auditoría		P			43,800	110,000
		P(a)			18,221.39	55,216.33
		A			18,228.31	18,228.31
Evaluación		P				20,000
		P(a)				40,000
		A			0	0

Total Cost

Total Cost		P			499,091.67	6,420,000
		P(a)			108,722.39	6,670,000
		A			219,646.21	231,306.21

CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Estrategia de fortalecimiento del Fondo Social de Desarrollo Eléctrico diseñada e implementada	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	AAGUILUZ	03/24/2021
	Estrategia para la sostenibilidad financiera y social diseñada e implementada	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	AAGUILUZ	03/24/2021
	Personal capacitado en la planificación y desarrollo de microredes con energía renovables	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	AAGUILUZ	03/24/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	AAGUILUZ	03/24/2021
	Planta solar fotovoltaica en el municipio de Brus Laguna, construida y operando	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	AAGUILUZ	03/24/2021
	Planta solar fotovoltaica en la Isla de Guanaja, construida y operando	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	AAGUILUZ	03/24/2021
	Sistemas fotovoltaicos domiciliarios en los municipios de El Corpus y Concepción de María, instalados y operando	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	AAGUILUZ	03/24/2021

PMR Public Report

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories