

# PMR Public Report

<b>Operation Number</b>	HO-L1039	<b>Chief of Operations Validation Date</b>	10/22/21
<b>Year- PMR Cycle</b>	First period Jan-Jun 2021	<b>Division Chief Validation Date</b>	
<b>Last Update</b>	10/21/21	<b>Country Representative Validation Date</b>	
<b>PMR Validation Stage</b>	Validated by Chief of Operations		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Support for the Integration of Honduras in the Regional Electricity Market	<b>Loan Number</b>	3103/BL-HO
<b>Executing Agency</b>	EMPRESA NACIONAL DE ENERGIA ELECTRICA	<b>Sector/Subsector</b>	ENERGY
<b>Team Leader</b>	MERCADO DIAZ, JORGE ENRIQUE	<b>Overall Stage</b>	Closed
<b>Operation Type</b>	Loan Operation	<b>Country</b>	Honduras
<b>Lending Instrument</b>	Investment Loan	<b>Convergence related Operation(s)</b>	HO-G1006
<b>Borrower</b>	REPUBLICA DE HONDURAS		

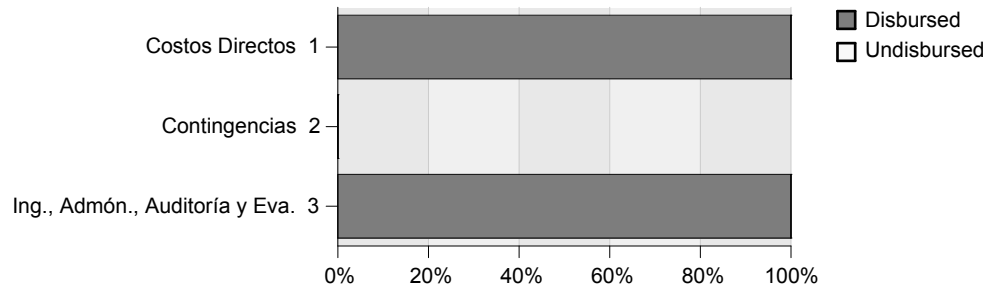
## Environmental and Social Safeguards

<b>Impacts Category</b>	B	<b>Was/Were the objective(s) of this operation reformulated?</b>	NO
<b>Safeguard Performance Rating</b>	Partially Satisfactory	<b>Date of approval</b>	
<b>Safeguard Performance Rating - Rationale</b>	Todas las obras civiles están concluidas, hace falta sanear el pasivo social al 100%, por lo cual Empresa Nacional de Energía Eléctrica y el Instituto de la Propiedad -IP-.		

## 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-G1006	0	7,000,000	0	0	7,000,000	7,000,000	6,080,579	86.87%	919,421
HO-L1039	22,930,000	22,930,000	0	0	22,930,000	22,930,000	22,930,000	100.00%	0
<b>Aggregated</b>	<b>22,930,000</b>	<b>29,930,000</b>	<b>0</b>	<b>0</b>	<b>29,930,000</b>	<b>29,930,000</b>	<b>29,010,579</b>	<b>96.93%</b>	<b>919,421</b>

## Expense Categories by Loan Contract (cumulative values)



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### RESULTS MATRIX

#### General Development Objectives

No information available for this section

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### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 0:** Reestablecer las condiciones de operatividad de la única interconexión eléctrica del SIEPAC entre Guatemala y Honduras, uno de los ejes principales del SIEPAC

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.0	Comercialización de energía en el MER	GWh	310.00	2012	P	1,000.00					
					A	4,891.00	6,162.00				

#### Details

**Means of verification:** Reporte del EOR

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.1	Potencia instalada con fuentes renovables en Zona Occidental	MV	22.50	2012	P	84.00					
					A	91.55	106.47				

#### Details

**Means of verification:** División de Operación - ENEE

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.2	Tiempo equivalente de interrupciones en la Zona de Occidente	horas/año	124.87	2012	P	25.00					
					A	73.00	70.20				

#### Details

**Means of verification:** División de Operación - ENEE

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.3	Porcentaje promedio de carga en las subestaciones de Occidente	%	97.00	2012	P	60.00					
					A	76.00	74.00				

#### Details

**Means of verification:** División de Operación - ENEE

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of	Baseline	Baseline		2017	2019	2020	2021	2022	EOP 2022
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### RESULTS MATRIX

#### Specific Development Objectives

		Measure		Year							
0.4	Porcentaje promedio de carga en los Transformadores de Transmisión de la SE Progreso	%	98.93	2017	P					76.63	76.63
					A					97.30	

#### Details

**Means of verification:** Informes del Centro Nacional de Despacho

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.5	Porcentaje de carga del Transformador de Transmisión de la SE Toncontin	%	112.00	2017	P				56.00	56.00
					A				69.59	

#### Details

**Means of verification:** Informe del Centro Nacional de Desapcho

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.6	Generación Eléctrica con Energía Renovable / Total Generación en la Red Nacional	%	49.00	2017	P				53.00	53.00
					A				73.30	

#### Details

**Means of verification:** Boletín Estadístico de la ENEE de la Gerencia de Planificación

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
0.7	Incremento de la Oferta de Energía Renovable como resultado de las Restricciones de Transmisión Evitadas	GWh/año	0.00	2017	P				70.00	70.00
					A				208.00	

#### Details

**Means of verification:** Informe del Centro Nacional de Despacho

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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**Specific Development Objectives Nbr. 1:** El fortalecimiento operativo y de gestión de la ENEE para maximizar los beneficios de comercialización de electricidad en el MER

**Observation:**

Indicator	Unit of Measure	Baseline	Baseline Year		2017	2019	2020	2021	2022	EOP 2022
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## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

1.0	Personal que conforma Unidad de Comercialización/ transacciones eléctricas en ENEE	Personas	0.00	2012	P	4.00					
					A	3.00	4.00				
Details											
Means of verification: Gerencia ENEE											
Pro-Gender		No			Pro-Ethnicity			No			

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Componente I. Inversión en obras relacionadas con la integración de Honduras al SIEPAC

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2022	2021	EOP 2022
1.1	Subestación San Nicolás terminada	Subestación	P		1		14,375,369.76
			P(a)		1		11,993,935.86
			A		1		11,993,935.86
1.2	Rehabilitación de líneas de distribución terminadas	KM	P		18		692,507.76
			P(a)		18		657,552.97
			A		14.31		657,552.97
1.3	Nuevas líneas de distribución terminadas	KM	P		12		485,722.49
			P(a)		12		826,810.41
			A		11.92		826,810.41
1.4	Sistema de Transmisión Comercial para la Red de Transmisión Nacional Adquirido	Sistema	P		0		0
			P(a)		1	578,250	642,500
			A		0		0
1.5	Estudio y Obras Relacionadas con la Integración de Honduras al MER Realizado	Estudio	P		0		0
			P(a)		2	30,000	148,490.97
			A		1		88,490.97
1.6	Subestación El Progreso Ampliada de 300MVA a 450MVA	Subestación	P		1		3,251,086.23
			P(a)		1	377,541.09	4,018,540.73
			A		1	377,617.31	4,018,616.95
1.7	Subestación Toncontín Etapa 1 Ampliada de 75MVA a 150MVA	Subestación	P		1		2,519,725.87
			P(a)		1	520,141	2,643,945.48
			A		1	520,217.22	2,644,021.7
1.8	Soluciones Técnicas a Pasivos Ambientales (Modificación a Estructuras Tramo de Línea L424 y Adquisición de Cable HENDRIX)	Solución	P		0		0
			P(a)	1	1	202,548.13	225,053.48
			A		0		0

## Component Nbr. 2 Componente II. Fortalecimiento de ENEE en comercialización en el MER

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2022	2021	EOP 2022
2.1	Unidad de Comercialización / Transacciones Eléctricas capacitada	UNIDAD	P		1		1,326,400
			P(a)		1		99,310.57
			A		1		94,014.99
2.2	Centro Nacional de Despacho (CND) mejorado	CND	P		1		405,000
			P(a)		1		1,913,502.78
			A		1		1,868,625.24

## Other Cost

Auditoría externa realizada	P				189,892.62
	P(a)			17,903	151,016.27
	A			9,000	124,591.27
Auditoría ambiental realizada	P				32,593.72
	P(a)			12,000	42,987.99
	A				23,787.99
Evaluación Medio Término y Final realizadas	P				42,000
	P(a)			20,000	45,033.43
	A				15,033.43
Unidad Coordinadora fortalecida	P				903,877.04

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Unidad Coordinadora fortalecida	P(a)			242,590	1,118,599.9
		A			95,915.4	918,365.68
	Reposición de financiamiento contrato de préstamo 1584/SF-HO	P				2,393,767.99
		P(a)				1,920,102.51
		A				1,920,102.51
	Reposición de financiamiento contrato de préstamo 2016/BL-HO	P				2,396,231.99
		P(a)				2,495,368.61
		A				2,495,368.61
	Auditoría Estados Financieros de la ENEE años 2014, 2015, 2016 y 2017	P				0
		P(a)				774,633.62
		A				733,588.6
	Vehículos para la Supervisión del Proyecto Adquiridos	P				0
		P(a)				252,000
		A				271,754

## Total Cost

	Total Cost	P				29,014,175.47
		P(a)			2,000,973.22	29,969,385.58
		A			1,002,749.93	28,694,661.18

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## CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Subestación El Progreso Ampliada de 300MVA a 450MVA	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CMORAN	09/30/2021



## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Inactive		Human Resources
	Response actions		
	1.1	Management Strategy	Status
		ACCEPT	COMPLETE
	1.2	Management Strategy	Status
		ACCEPT	COMPLETE
	1.3	Management Strategy	Status
		ACCEPT	COMPLETE
	1.4	Management Strategy	Status
		ACCEPT	COMPLETE
	1.5	Management Strategy	Status
		ACCEPT	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
2	Inactive		Internal Processes
	Response actions		
	2.1	Management Strategy	Status
		ACCEPT	COMPLETE
	2.2	Management Strategy	Status
		ACCEPT	COMPLETE
	2.3	Management Strategy	Status
		ACCEPT	COMPLETE
	2.4	Management Strategy	Status
		ACCEPT	COMPLETE
	2.5	Management Strategy	Status
		ACCEPT	COMPLETE

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
3	Active		Environmental and Social Safeguards
	Response actions		
	3.1	Management Strategy	Status
		ACCEPT	ACTIVE
	3.2	Management Strategy	Status
		ACCEPT	ACTIVE
	3.3	Management Strategy	Status
		ACCEPT	ACTIVE
	3.4	Management Strategy	Status
		ACCEPT	ACTIVE
	3.5	Management Strategy	Status
		ACCEPT	ACTIVE
Risk ID	Risk Status		Risk Taxonomy
4	Inactive		Internal Processes
	Response actions		
	4.0	Management Strategy	Status
		-	
Risk ID	Risk Status		Risk Taxonomy
5	Inactive		Internal Processes
	Response actions		
	5.0	Management Strategy	Status
		-	
Risk ID	Risk Status		Risk Taxonomy
6	Inactive		Legal Environment
	Response actions		

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
	6.1	Management Strategy	Status
		ACCEPT	COMPLETE
	6.2	Management Strategy	Status
		ACCEPT	COMPLETE
	6.3	Management Strategy	Status
		ACCEPT	COMPLETE

Risk ID	Risk Status		Risk Taxonomy
7	Inactive		Internal Processes
	Response actions		
	7.1	Management Strategy	Status
		ACCEPT	COMPLETE
	7.2	Management Strategy	Status
		ACCEPT	COMPLETE
	7.3	Management Strategy	Status
		ACCEPT	COMPLETE

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## IMPLEMENTATION STATUS AND LEARNING

### Lesson Learned - Categories

Environmental and Social Factors