

# PMR Operational Report

<b>Operation Number</b>	NI-L1091	<b>Chief of Operations Validation Date</b>	10/04/17
<b>Year- PMR Cycle</b>	First period Jan-Jun 2017	<b>Division Chief Validation Date</b>	
<b>Last Update</b>	10/02/17	<b>Country Representative Validation Date</b>	
<b>PMR Validation Stage</b>	Validated by Chief of Operations		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Expansion and Strengthening of Nicaragua's Electricity Transmission System	<b>Loan Number</b>	3611/BL-NI
<b>Executing Agency</b>	EMPRESA NACIONAL DE TRANSMISIÓN ELÉCTRICA	<b>Sector/Subsector</b>	EN-INT - ENERGY-ENERGY INTEGRATION
<b>Team Leader</b>	BALDIVIESO,HECTOR	<b>Overall Stage</b>	Disbursing (From eligibility until all the Operations are closed)
<b>Operation Type</b>	Loan Operation	<b>Country</b>	NICARAGUA
<b>Lending Instrument</b>	Investment Loan	<b>Convergence related Operation(s)</b>	
<b>Borrower</b>	REPUBLICA DE NICARAGUA		

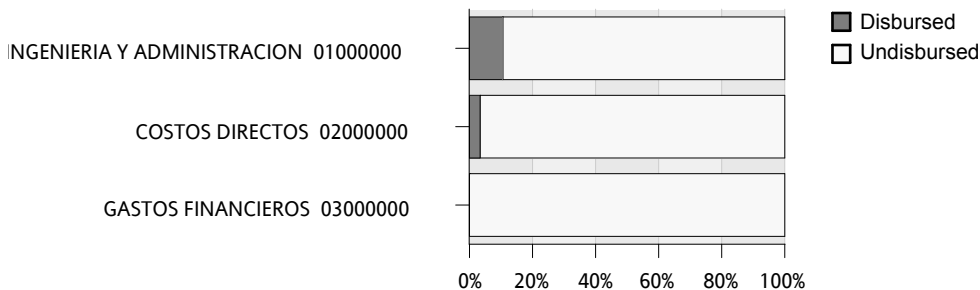
## Environmental and Social Safeguards

<b>Impacts Category</b>	B	<b>Was/Were the objective(s) of this operation reformulated?</b>	NO
<b>Safeguard Performance Rating</b>		<b>Date of approval</b>	
<b>Safeguard Performance Rating - Rationale</b>			

## 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
NI-L1091	40,000,000	40,000,000	3,041,800	0	43,041,800	40,000,000	1,433,792.02	3.58%	38,566,207.98
<b>Aggregated</b>	<b>40,000,000</b>	<b>40,000,000</b>	<b>3,041,800</b>	<b>0</b>	<b>43,041,800</b>	<b>40,000,000</b>	<b>1,433,792.02</b>	<b>3.58%</b>	<b>38,566,207.98</b>

## Expense Categories by Loan Contract (cumulative values)



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. Please also 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.

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 0:** Promover el aumento del bienestar de la población mediante el refuerzo de la infraestructura de Transmisión

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2021
0.0	Energía no servida en las zonas de influencia	GWh	66.0	2014	P	
					P(a)	
					A	
Details						
Pro-Gender	No			Pro-Ethnicity	No	

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2021
0.1	Energía Intercambiada desde Nicaragua en el MER, importación y exportación de energía	MWh	76.0	2014	P	
					P(a)	
					A	
Details						
Pro-Gender	No			Pro-Ethnicity	No	

Indicator		Unit of Measure	Baseline	Baseline Year		EOP 2021
0.2	Reducción en el uso de fuentes de energía no modernas	MW		2014	P	
					P(a)	
					A	
Details						
Pro-Gender	No			Pro-Ethnicity	No	

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

**Outcome Nbr. 0:** C1. Mejora de la infraestructura de transmisión para apoyar el aumento de cobertura eléctrica integral

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2021	EOP 2021
0.1	Capacidad de transmisión de carga incrementada para atender la demanda eléctrica en las zonas de influencia del Programa	MW	11.0	2014	P	27.00	27.00
					P(a)	27.00	27.00
					A		

#### Details

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2021	EOP 2021
0.2	Capacidad de transmisión de carga para atender la conexión de nuevos proyectos con energía renovable en la zona de influencia del Programa	MW	0.0	2014	P	22.00	22.00
					P(a)	22.00	22.00
					A		

#### Details

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2021	EOP 2021
0.0	"Energía no servida" reducida en las zonas de influencia del Programa	GWh	66.0	2014	P	1.00	1.00
					P(a)	1.00	1.00
					A		

#### Details

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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**Outcome Nbr. 1:** C2. Mejora en sistema de transmisión nacional para respaldar la capacidad del sistema eléctrico regional

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2021	EOP 2021
1.0	Máxima capacidad de transferencia regional aumentada entre áreas de control	MW	80.0	2014	P	300.00	300.00
					P(a)	300.00	300.00
					A		

#### Details

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Componente I: Mejoramiento de la infraestructura de transmisión para apoyar el aumento de cobertura integral

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2021	2017	EOP 2021
1.1	P1-A. Subestación Waslala 138 kV con capacidad 30 MVA, construida y operando	# de subestaciones	P	0	1	760,000	3,838,300
			P(a)	0	1	1,327,285	3,838,300
			A		0	546,260	546,260
1.2	P1-B. Línea de Transmisión La Dalia - Waslala 138 kV, construida y operando	Electricity transmission and distribution lines (km)	P	0	47	1,980,000	9,928,600
			P(a)	0	47	3,464,586	9,928,600
			A		0	780,732	780,732
1.3	P2-A. Subestación Santa Clara 138 kV con capacidad 25 MVA, construida y operando	# de subestaciones	P	0	1	870,000	4,394,000
			P(a)	0	1	1,017,058	4,393,968
			A		0	0	0
1.4	P2-B. Línea de Transmisión Ocotál - Santa Clara 138 kV, construida y operando	Electricity transmission and distribution lines (km)	P	0	47.3	1,940,000	9,723,000
			P(a)	0	47.3	2,281,185	9,723,032
			A		0	0	0
1.5	P3-A. Subestación Jinotega 138 kV con capacidad 25 MVA, construida y operando	# de subestaciones	P	0	1		5,320,000
			P(a)	0	1		5,319,971
			A		0		0
1.6	P3-B. Línea de Transmisión Jinotega - Tramo Planta Centroamérica-Sébaco 138 kV, construida y operando	Electricity transmission and distribution lines (km)	P	0	5.7		1,422,000
			P(a)	0	5.7		1,422,029
			A		0		0

## Component Nbr. 2 Componente II: Mejoras en el sistema de transmisión nacional para respaldar la capacidad del sistema regional

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2021	2017	EOP 2021
2.1	P4. Línea de transmisión Los Brasiles - Acahualinca - Managua 138 kV con capacidad ampliada y operando	km de línea	P	0	13.5	130,000	685,000
			P(a)	0	13.5		710,313
			A		0		0
2.2	P5. Línea de transmisión San Benito - Los Brasiles Segunda Fase 230 kV (tramo Santa María - Campusano - Los Brasiles), construida y operando	Electricity transmission and distribution lines (km)	P	0	52		5,364,200
			P(a)	0	52		5,382,868
			A		0		0

## Other Cost

A1. Ingeniería, Supervisión y Administración	P			300,000	1,500,000
	P(a)			135,713	1,456,020
	A			350,582	350,582
A2. Gastos Financieros	P			50,000	866,700
	P(a)			24,900	866,701
	A			223	223

## Total Cost

Total Cost	P			6,030,000	43,041,800
	P(a)			8,250,727	43,041,802
	A			1,677,797	1,677,797

### CHANGES TO THE MATRIX

No information available for this section