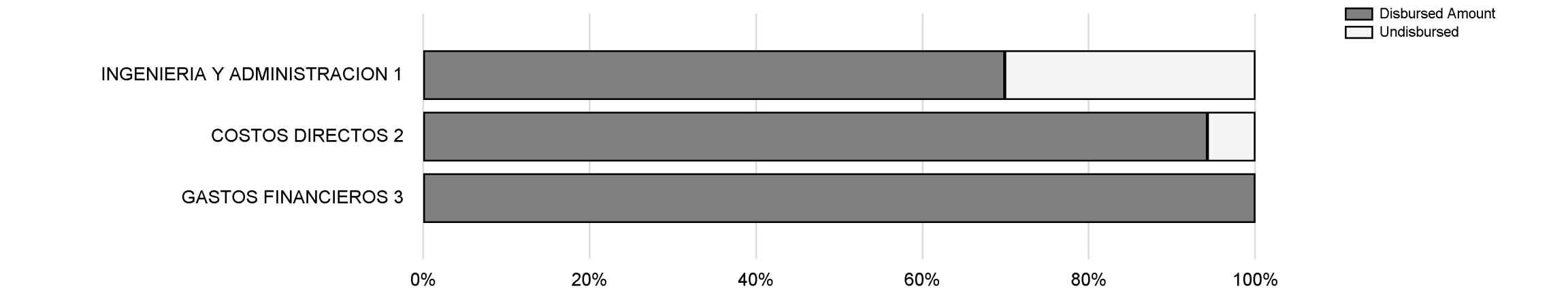


PMR Public Report

| | | | |
|--|--|---|---------------------------|
| Operation Number | NI-L1091 | Chief of Operations Validation Date | 04/08/22 |
| Year- PMR Cycle | Second period Jan-Dec 2021 | Division Chief Validation Date | 04/26/22 |
| Last Update | 04/06/22 | Country Representative Validation Date | 05/06/22 |
| PMR Validation Stage | Validated by Representative | | |
| Basic Data | | | |
| Operation Profile | | | |
| Operation Name | Expansion and Strengthening of Nicaragua's Electricity Transmission System | Loan Number | 3611/BL-NI |
| Executing Agency | EMPRESA NACIONAL DE TRANSMISIÓN ELÉCTRICA | Sector/Subsector | ENERGY-ENERGY INTEGRATION |
| Team Leader | JACOME MONTENEGRO, CARLOS ALBERTO | Overall Stage | Fully Disbursed |
| Operation Type | Loan Operation | Country | Nicaragua |
| Lending Instrument | Investment Loan | Convergence related Operation(s) | |
| Borrower | REPUBLICA DE NICARAGUA | | |
| Environmental and Social Safeguards | | | |
| Impacts Category | B | Was/Were the objective(s) of this operation reformulated? | NO |
| Safeguard Performance Rating | Partially Satisfactory | Date of approval | |
| Safeguard Performance Rating - Rationale | Se mantiene la clasificación de desempeño hasta poder verificar el desempeño de la AE. En la última misión de supervisión se clasificó como PS debido a que no existen señalizaciones en las Subestaciones Eléctricas (SE); no se ha implementado el Convenio con el Ministerio del Ambiente y los Recursos Naturales (MARENA) y ENATREL para la reproducción de documentos ambientales para la protección de la Reserva BOSAWAS (6 documentos/2.000 ejemplares); debido a que no se ha enviado la información sobre la compensación de derechos de paso; y a que no se le ha dado el correcto manejo a los residuos peligrosos (pasivo ambiental de la operación NI-L1022). | | |

| 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 |
| NI-L1091 | 40,000,000 | 40,000,000 | 3,041,800 | 0 | 43,041,800 | 40,000,000 | 40,000,000 | 100.00% | - |
| Aggregated | 40,000,000 | 40,000,000 | 3,041,800 | 0 | 43,041,800 | 40,000,000 | 40,000,000 | 0.00% | - |

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

General Development Objectives 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 | Expected Year of Achievement | EOP 2022 | |
|-----------|---|-----------------|----------|---------------|------------------------------|----------|-----|
| 0.0 | Energía no servida en las zonas de influencia | GWh | 66 | 2014 | 2021 | P | - |
| | | | | | | A | .91 |

Details

Means of Verification:

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | |
|------------|---|-----------------|----------|---------------|------------------------------|----------|----------|
| | | | | | | | |
| Indicator | | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement | EOP 2022 | |
| 0.1 | Energía Intercambiada desde Nicaragua en el MER, importación y exportación de energía | GWh | 71.3 | 2014 | 2021 | P | - |
| | | | | | | A | 1,005.24 |

Details

Means of Verification:

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | |
|------------|---|-----------------|----------|---------------|------------------------------|----------|----|
| | | | | | | | |
| Indicator | | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement | EOP 2022 | |
| 0.2 | Reducción en el uso de fuentes de energía no modernas | MW | 0 | 2014 | 2021 | P | - |
| | | | | | | A | 22 |

Details

Means of Verification:

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

| | | | | | | | |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | |
| | | | | | | | |

| RESULTS MATRIX | | | | | | | | | | | | |
|--|--|-----------------|----------|---------------|---|------|------|------|------|------|------|----------|
| Specific Development Objectives | | | | | | | | | | | | |
| Specific Development Objectives 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 | | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | EOP 2022 |
| 0.0 | "Energía no servida" reducida en las zonas de influencia del Programa | GWh | 66 | 2014 | P | - | - | - | - | 1 | - | 1 |
| | | | | | A | 1 | .33 | .57 | - | .91 | - | .91 |
| Details | | | | | | | | | | | | |
| Means of Verification: | | | | | | | | | | | | |
| Observations: | | | | | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | | | | | | |
| | | | | | | | | | | | | |
| | Indicator | Unit of Measure | Baseline | Baseline Year | | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | EOP 2022 |
| 0.1 | Capacidad de transmisión de carga incrementada para atender la demanda eléctrica en las zonas de influencia del Programa | MW | 11 | 2014 | P | - | - | - | - | 27 | - | 27 |
| | | | | | A | 11 | 11 | 11 | - | 27 | - | 27 |
| Details | | | | | | | | | | | | |
| Means of Verification: | | | | | | | | | | | | |
| Observations: | | | | | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | | | | | | |
| | | | | | | | | | | | | |
| | Indicator | Unit of Measure | Baseline | Baseline Year | | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | EOP 2022 |
| 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 | 2014 | P | - | - | - | - | 22 | - | 22 |
| | | | | | A | - | - | - | - | 22 | - | 22 |
| Details | | | | | | | | | | | | |
| Means of Verification: | | | | | | | | | | | | |
| Observations: | | | | | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | | | | | | |
| | | | | | | | | | | | | |
| Specific Development Objectives 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 | | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | EOP 2022 |
| 1.0 | Máxima capacidad de transferencia regional aumentada entre áreas de control | MW | 80 | 2014 | P | - | - | - | - | 300 | - | 300 |
| | | | | | A | 50 | 90 | 260 | - | 270 | - | 270 |
| 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: Mejoramiento de la infraestructura de transmisión para apoyar el aumento de cobertura integral

| | | | | PHYSICAL PROGRESS | | FINANCIAL PROGRESS | |
|------|---|--|-------|-------------------|----------|--------------------|--------------|
| | Output | Unit of Measure | | 2021 | EOP 2022 | 2021 | EOP 2022 |
| 1.01 | P1-A. Subestación Waslala 138 kV con capacidad 30 MVA, construida y operando | # de subestaciones | P | - | 1 | - | 3,838,300 |
| | | | P (a) | - | 1 | - | 5,462,602.69 |
| | | | A | - | 1 | - | 5,462,602.69 |
| 1.02 | P1-B. Línea de Transmisión La Dalia - Waslala 138 kV, construida y operando | Electricity transmission and distribution lines (km) | P | - | 47 | - | 9,928,600 |
| | | | P (a) | - | 48.3 | - | 7,807,321.12 |
| | | | A | - | 48.3 | - | 7,807,321.1 |
| 1.03 | P2-A. Subestación Santa Clara 138 kV con capacidad 25 MVA, construida y operando | # de subestaciones | P | - | 1 | - | 4,394,000 |
| | | | P (a) | - | 1 | - | 4,253,635.97 |
| | | | A | - | 1 | - | 4,253,635.97 |
| 1.04 | P2-B. Línea de Transmisión Ocotal - Santa Clara 138 kV, construida y operando | Electricity transmission and distribution lines (km) | P | - | 47.3 | - | 9,723,000 |
| | | | P (a) | - | 47.3 | - | 2,866,418.74 |
| | | | A | - | 47.3 | - | 2,866,418.74 |
| 1.05 | P3-A. Subestación Jinotega 138 kV con capacidad 25 MVA, construida y operando | # de subestaciones | P | - | 1 | - | 5,320,000 |
| | | | P (a) | - | 1 | - | 4,952,018.83 |
| | | | A | - | 1 | - | 4,952,018.84 |
| 1.06 | P3-B. Línea de Transmisión Jinotega - Tramo Planta Centroamérica-Sébaco 138 kV, construida y operando | Electricity transmission and distribution lines (km) | P | - | 5.7 | - | 1,422,000 |
| | | | P (a) | - | 5.7 | - | 1,479,603.84 |
| | | | A | - | 5.7 | - | 1,479,602.9 |

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

| | | | | PHYSICAL PROGRESS | | FINANCIAL PROGRESS | |
|------|--|--|-------|-------------------|----------|--------------------|--------------|
| | Output | Unit of Measure | | 2021 | EOP 2022 | 2021 | EOP 2022 |
| 2.01 | P4. Línea de transmission Los Brasiles - Acahualinca - Managua 138 kV con capacidad ampliada y operando | km de línea | P | - | 13.5 | - | 685,000 |
| | | | P (a) | 220 | 220 | 2,096,980.4 | 2,096,980.4 |
| | | | A | 220 | 220 | 407,843.42 | 407,843.42 |
| 2.02 | 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 | - | 52 | - | 5,364,200 |
| | | | P (a) | - | 50.5 | 2,094,720.93 | 4,384,710.08 |
| | | | A | - | 50.5 | 2,094,720.95 | 4,384,710.1 |
| 2.03 | P6. Ampliación de la capacidad de transformación 230/138kv en Subestación Ticuantepe II (Tercer Autotransformador 230/138 kv) | kV | P | - | - | - | - |
| | | | P (a) | 1 | 1 | 327,335.87 | 3,924,758.27 |
| | | | A | 1 | 1 | 327,335.87 | 3,924,758.27 |
| 2.04 | P-7. Compensación Inductiva (Reactores en las Subestaciones RACCN) | Reactores | P | - | - | - | - |
| | | | P (a) | 2 | 2 | 1,799,574.81 | 3,633,524.07 |
| | | | A | 2 | 2 | 1,799,574.8 | 3,346,425.14 |

| Other Cost | | | | | |
|------------|--|--|-------|------------|--------------|
| | A1. Ingeniería, Supervisión y Administración | | P | | 1,500,000 |
| | | | P (a) | 44,478 | 4,726,271.87 |
| | | | A | 463,332.92 | 4,677,613.87 |
| | A2. Gastos Financieros | | P | | 866,700 |
| | | | P (a) | | 866,699.53 |

| | | | | |
|------------|------------------------|-------|--------------|---------------|
| | A2. Gastos Financieros | A | 0 | 866,699.53 |
| | A.3 Sin Asignación | P | | 0 |
| | | P (a) | | 0 |
| | | A | 0 | 0 |
| Total Cost | | | | |
| | Total Cost | P | | 43,041,800 |
| | | P (a) | 6,363,090.01 | 46,454,545.41 |
| | | A | 5,092,807.96 | 44,429,650.57 |

| CHANGES TO THE MATRIX | | | | | |
|-----------------------|--|----------------|---|-------------|-------------------|
| Section | Name | Type of Change | Sub type | Modified By | Entered in System |
| Output | P-7. Compensación Inductiva (Reactores en las Subestaciones RACCN) | Modify Output | Modify Financial EOP P(a) value - caused by a change in the Financial P(a). | SAMARR | 3/15/2022 |

RISKS AND PLANNED RESPONSES

| Risk ID | Risk Status | | Risk Taxonomy | | |
|---------|------------------|---------------------|---------------------|----------|--|
| 2 | Inactive | | Goods, and Services | | |
| | | | | | |
| | Response Actions | | | | |
| | 2.1 | Management Strategy | | Status | |
| | | MITIGATE | | COMPLETE | |
| | | | | | |
| | 2.2 | Management Strategy | | Status | |
| | | MITIGATE | | COMPLETE | |
| | | | | | |
| | | | | | |

| Risk ID | Risk Status | | Risk Taxonomy | | |
|---------|------------------|---------------------|---------------------|--------|--|
| 4 | Inactive | | Goods, and Services | | |
| | | | | | |
| | Response Actions | | | | |
| | 4.1 | Management Strategy | | Status | |
| | | MITIGATE | | ACTIVE | |
| | | | | | |
| | 4.2 | Management Strategy | | Status | |
| | | MITIGATE | | ACTIVE | |
| | | | | | |
| | | | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|--------------------|
| 5 | Materialized | | Internal Processes |
| | | | |
| | Response Actions | | |
| | 5.0 | Management Strategy | Status |
| | | - | |
| | | | |
| | | | |

IMPLEMENTATION STATUS AND LEARNING

| Lesson Learned - Categories |
|---|
| Others - Dimensions Related to Public Processes/ Actors |