



# CFE FIBRA E (FCFE18)

Santander's 27th Annual Latin American Conference

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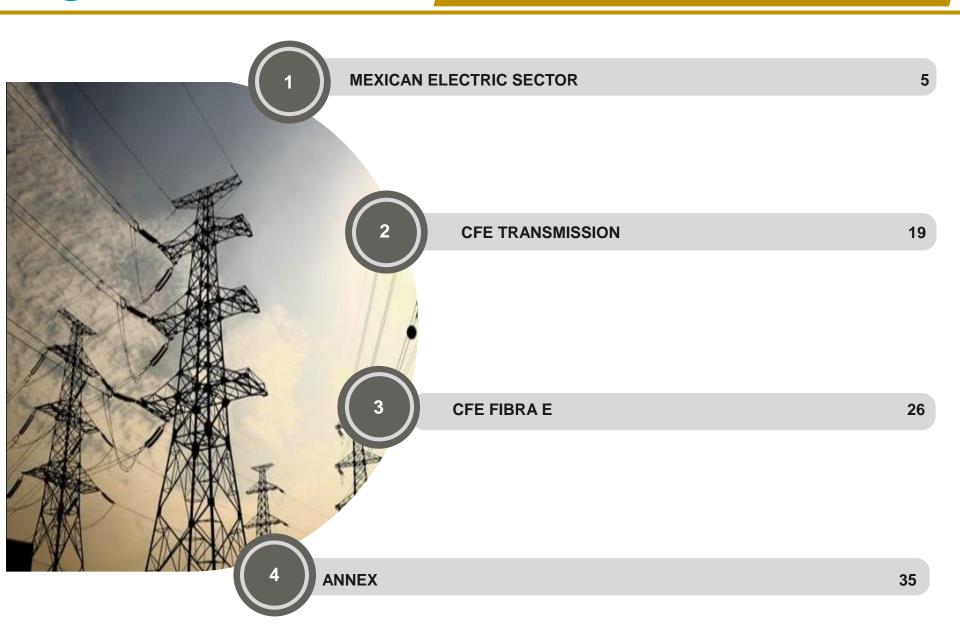
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1 MEXICAN ELECTRIC SECTOR

**2**CFE
TRANSMISSION

3 CFE FIBRA E

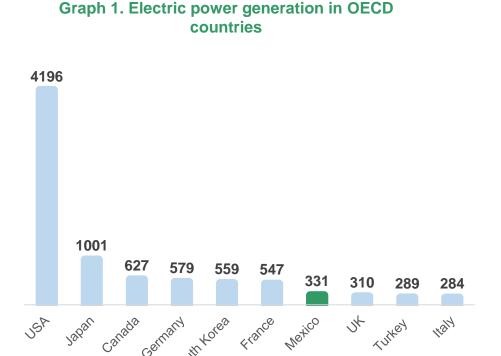
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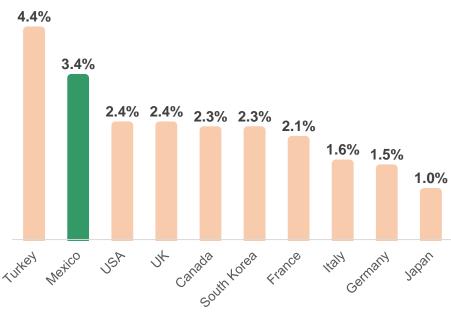




- Mexican electricity sector is ranked 7th among OECD countries and 14th worldwide.
- According to IMF, Mexican economy is the 2nd with the highest expected growth over the next 10 years.



Graph 2. Expected GDP growth of OECD countries 2021-2023

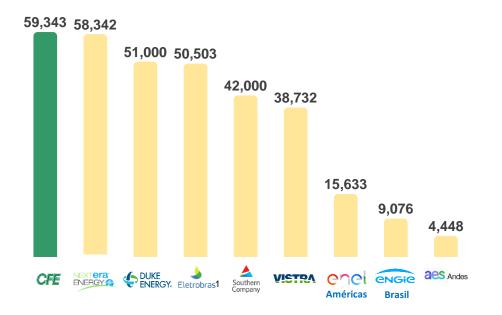




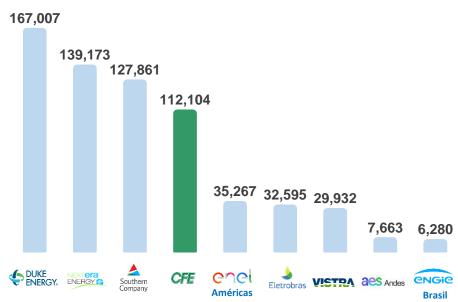
#### **CFE the largest integrated electric company in America**

 The Federal Electricity Commission is the largest electricity company in Mexico, and in America by its installed generation capacity and the 4th by the value of its assets.

Graph 3. Installed generation capacity<sup>2</sup>



**Graph 4. Total Assets**<sup>3</sup>



Source: CFE. Presentation from the Corporate Finance Department Note: Assumes an exchange rate of MXN 20.83 for US\$1.00 and BRL 5.50 for US\$1.00. 

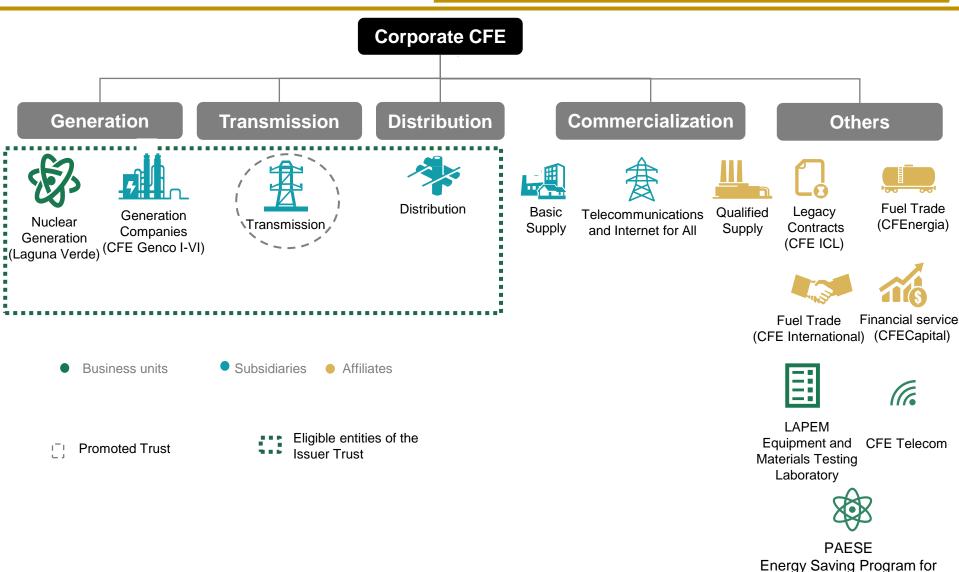
<sup>1</sup>In July 2021, the Brazilian government approved the law for the privatization of the Eletrobras company, this process continues and it is expected to conclude in April 2023.

<sup>&</sup>lt;sup>2</sup> Data as of June 31st, 2022, with data from CFE Business Plan 2023 -2027.

<sup>&</sup>lt;sup>3</sup> Data as of September 30<sup>th</sup>, 2022, with data from the CFE Financial Statements 3Q22.

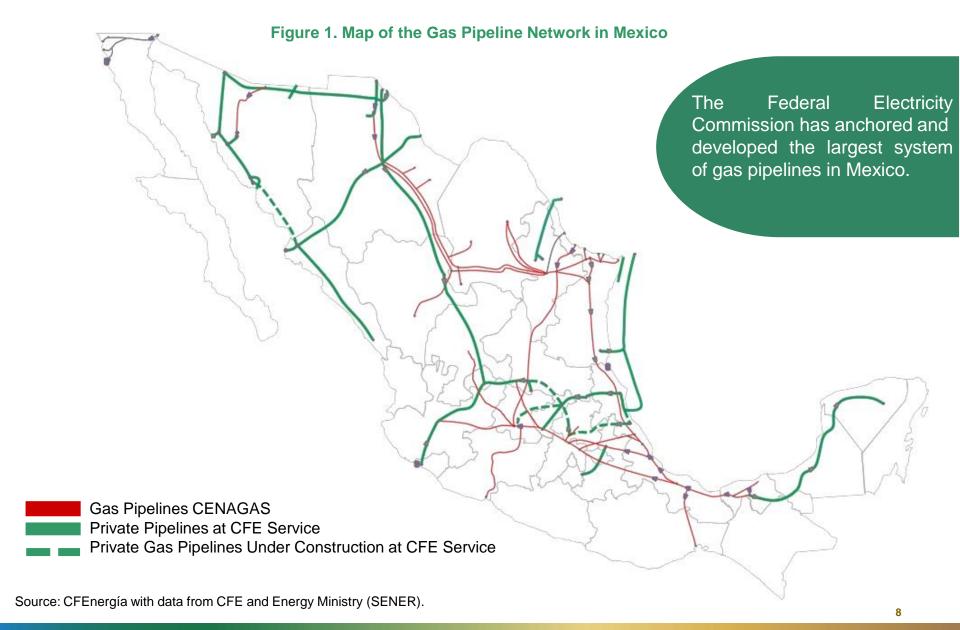






the Electricity Sector







### NGI's TOP NORTH AMERICAN GAS MARKETERS FULL YEAR 2021 (Bcf/d)

		Full Year	Full Year	
	Company	2021	2020	Change
1	BP plc	15.38	18.04	-15%
2	Tenaska	10.50	10.20	3%
3	ConocoPhillips	9.80	8.00	23%
4	Macquarie Energy	9.74	11.28	-14%
5	Shell Energy NA	9.25	10.25	-10%
6	Direct Energy	6.83	6.07	13%
7	EQT Corp.	4.78	3.89	23%
8	J. Aron & Co.	4.24	4.81	-12%
9	Cima Energy LP	3.79	3.72	2%
10	EDE Trading NA	3 66	4.04	_00/_
11	CFEi	3.53	3.11	14%
ΙZ	Antero Resources Corp.	3.40	3.47	U 70
13	Castleton Commodities	3.10	3.43	-10%
14	ExxonMobil	2.94	2.97	-1%
15	Southwestern Energy Co.	2.78	1.90	46%
16	Coterra Energy Inc.	2.50	2.35	6%
17	ARM Energy Management	2.34	2.69	-13%
18	Hartree Partners	1.82	2.05	-11%
19	Canadian Natural Resources Ltd.	1.70	1.48	15%
20	Chevron Corp.	1.69	1.61	5%
21	Ovintiv Inc.	1.56	1.53	2%
22	NJR Energy Services Co.	0.96	1.35	-29%
	Total	106.35	108.24	-2%
	2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21	1 BP plc 2 Tenaska 3 ConocoPhillips 4 Macquarie Energy 5 Shell Energy NA 6 Direct Energy 7 EQT Corp. 8 J. Aron & Co. 9 Cima Energy LP 10 EDE Trading NA 11 CFEi 12 Antero Resources Corp. 13 Castleton Commodities 14 ExxonMobil 15 Southwestern Energy Co. 16 Coterra Energy Inc. 17 ARM Energy Management 18 Hartree Partners 19 Canadian Natural Resources Ltd. 20 Chevron Corp. 21 Ovintiv Inc. 22 NJR Energy Services Co.	Company         2021           1 BP plc         15.38           2 Tenaska         10.50           3 ConocoPhillips         9.80           4 Macquarie Energy         9.74           5 Shell Energy NA         9.25           6 Direct Energy         6.83           7 EQT Corp.         4.78           8 J. Aron & Co.         4.24           9 Cima Energy LP         3.79           10 EDE Trading NA         3.66           11 CFEi         3.53           12 Antero Resources Corp.         3.40           13 Castleton Commodities         3.10           14 ExxonMobil         2.94           15 Southwestern Energy Co.         2.78           16 Coterra Energy Inc.         2.50           17 ARM Energy Management         2.34           18 Hartree Partners         1.82           19 Canadian Natural Resources Ltd.         1.70           20 Chevron Corp.         1.69           21 Ovintiv Inc.         1.56           22 NJR Energy Services Co.         0.96	Company       2021       2020         1 BP plc       15.38       18.04         2 Tenaska       10.50       10.20         3 ConocoPhillips       9.80       8.00         4 Macquarie Energy       9.74       11.28         5 Shell Energy NA       9.25       10.25         6 Direct Energy       6.83       6.07         7 EQT Corp.       4.78       3.89         8 J. Aron & Co.       4.24       4.81         9 Cima Energy LP       3.79       3.72         10 EDE Trading NA       3.66       4.04         11 CFEi       3.53       3.11         12 Antero Resources Corp.       3.40       3.47         13 Castleton Commodities       3.10       3.43         14 ExxonMobil       2.94       2.97         15 Southwestern Energy Co.       2.78       1.90         16 Coterra Energy Inc.       2.50       2.35         17 ARM Energy Management       2.34       2.69         18 Hartree Partners       1.82       2.05         19 Canadian Natural Resources Ltd.       1.70       1.48         20 Chevron Corp.       1.69       1.61         21 Ovintiv Inc.       1.56       1.53

Visit NatGasIntel.com/Marketer-Rankings to view full archive.

SOURCE: FINANCIAL REPORTS FILED WITH THE SECURITIES AND EXCHANGE COMMISSION OR, IF NECESSARY, STATEMENTS SIGNED BY COMPANY OFFICIALS AND PROVIDED TO NGI. SOME PREVIOUS-YEAR DATA HAS BEEN UPDATED BY THE COMPANIES SINCE IT WAS ORIGINALLY REPORTED.





The CFE contributes to maintaining the reliability of the National Electric System to achieve continuity of electricity supply to the end user and with the necessary quality attributes that users require.









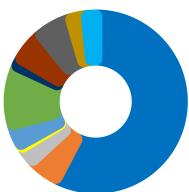
161 generation plants

70 plants generate clean energy

110.424 km transmission lines (8.7 laps around the earth)

47 million customers

With effective capacity of almost 15 thousand MW



57% of the clean energy that is injected into the Mexican electricity grid is generated in CFE

- 1 Nuclear power
- 60 Hydroelectric
- 3 Wind power
- 4 Geothermoelectric
- 2 Photovoltaic

- 882,715 distribution lines
- 2.275 substations
- 3,271 power transformers
- 50,808 km in length of the National Communications Network, Fiber Optic cable.

CFE has achieved the electrification of 99.27% of the inhabitants in Mexico

- Combined cycle
- Turbogas
- Carboelectric
- Geothermoelectric
- Photovoltaic
- Other

- Conventional thermal
- Internal combustion
- Hydroelectric
- Wind power
- Nuclear power



hydroelectric plants

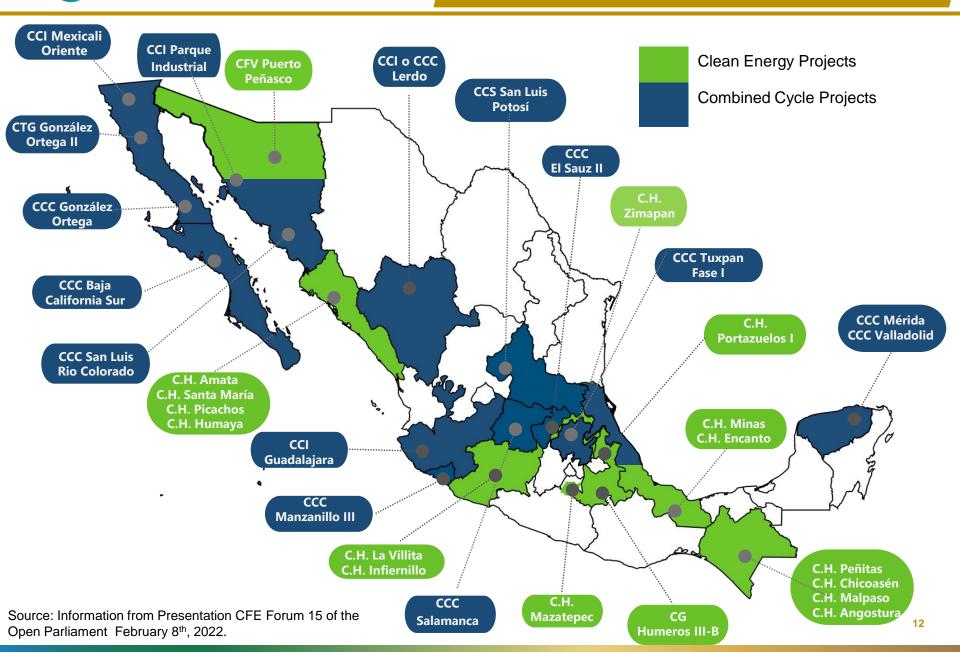


#### **Strategic Alliances with Private Sector**

**Generation capacity towards** Strategic alliances and agreements with the energy transition transnational companies in the transportation and export of natural gas Invest 9,000 million dollars expanding 9,000 MW of capacity **Natural Gas** Gas pipeline network **Implementing** measures against It builds 15 plants that will add corruption and more Contract renegotiation, 7,400 MV of capacity thanks to control of their which guarantees more the use of natural gas purchases and years of natural gas supply responsible at a lower cost management of income **Photovoltaic Power Plant in** Puerto Peñasco **Hydroelectrics** Installation of 16,000 solar panels, in which Construction of more clean generation plants and the modernization of its will be the largest Photovoltaic Power Plant

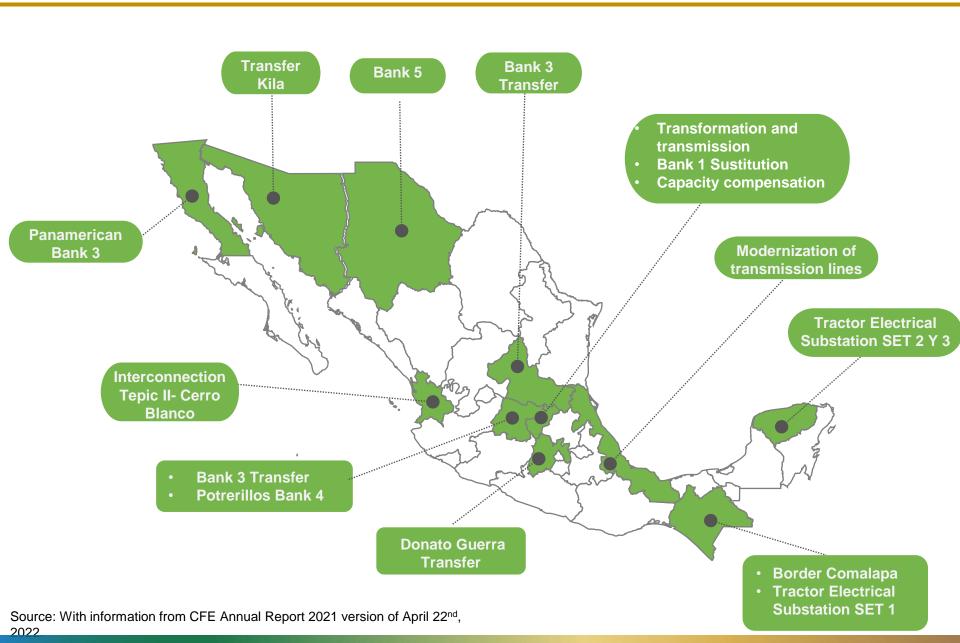
In Latin America



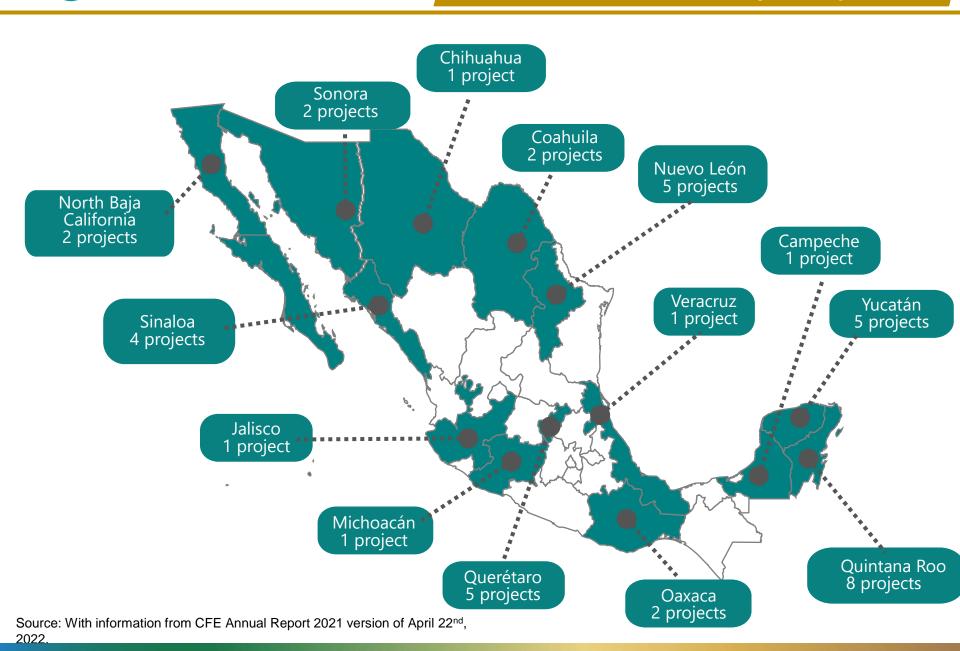


















- Rerouting of the Guaymas-El Oro gas pipeline
- Natural gas liquefaction plant in Topolobambo, Sinaloa.
- While the CFE provides the gas molecule, Sempra will give a percentage of participation to the CFE.
   January 2022



 Extension of the marine pipeline- Puerta del Sureste Gas Pipeline, which will transport natural gas from Tuxpan to Coatzacoalcos, in the state of Veracruz, to continue to Paraíso, Tabasco.

August 2022



- Exploitation of the underutilized capacity of the Brownsnville and South of Texas-Tuxpan gas pipelines.
- Participation in profits from the income of Liquefied Natural Gas.
- Use of excess natural gas contracted by the CFE in previous administrations

  October 2022



- This agreement will allow the parties to agree on the technical and commercial terms for the execution of an expansion of the Mayakan gas pipeline.
- This pipeline could supply 6 CFE generation plants and satisfy the needs of the Yucatan peninsula, as well as the expectation of future demand.

November 2022

Source: CFE Press Releases, July 21st, August 30th, October 27th and November 28th, 2022.

Comisión Federal de Electricidad®



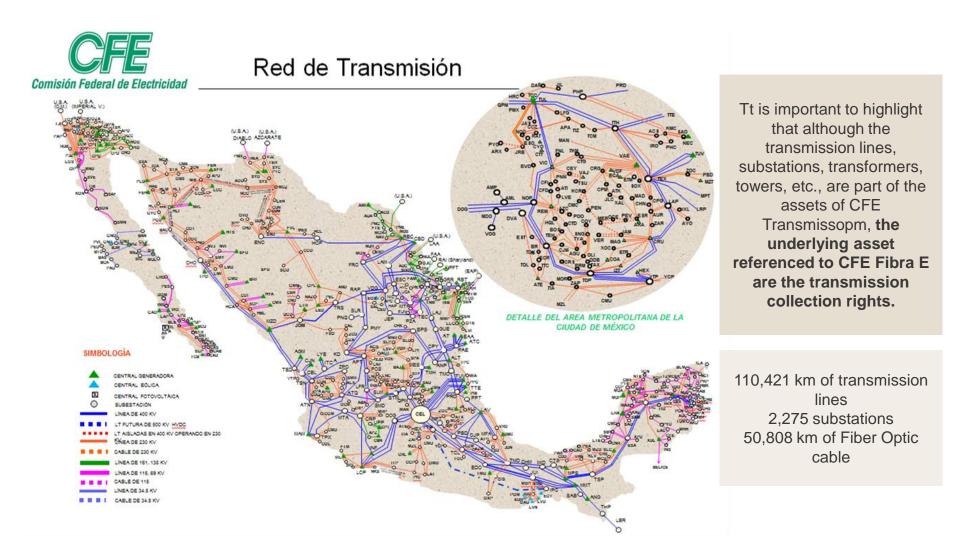


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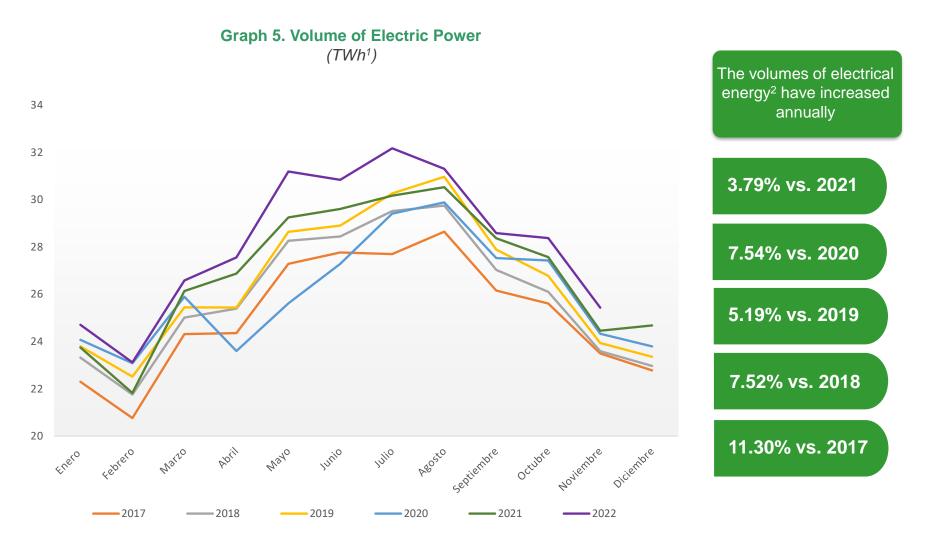






The CFE has 110,421 km of transmission lines, equivalent to 8.7 turns around the earth.





Source: CFE Transmission with information as of November 30th, 2022.

Notes: <sup>1</sup>Means Terawatt-hour. <sup>2</sup>Average annual volumes of energy received in the NTN. The annual average for 2022 only considers up to the month of November.





Regulatory Framework

Art. 12 section IV, 138 and 139 of the Electricity Industry Law (LIE) and 47 of its Regulations



 The transmission sector in Mexico has tariffs regulated by the Energy Regulatory Commission (CRE).

#### The Energy Regulatory Commission

Issues and applies the methodologies to determine the calculation and adjustment of regulated transmission tariffs



#### **Objective**

Promote the efficient development of the electricity industry and protect the interests of Users



### Transmission tariff

Obtain the estimated income necessary to recover efficient costs and a reasonable return that will not be guaranteed



#### **Values**

- Transparency
- Stability
- Feasibility
- Efficiency
- Predictability.









Generation cost and capacity

21.7%

Distribution Charge

6.9%

Transmission Charge 7.2%

Supply Charge 0.4%

CENACE Charge 0.2%

Charge for Related Services

100%

Basic supply fee

Source: Data from the CFE, taken from the presentation "Constitutional change for a new Electric System and its transitional regime, competition in the acquisition of energy from the private sector to supply the public electricity service" presented at Forum 15 of the Open Parliament for electrical reform, February 2022.



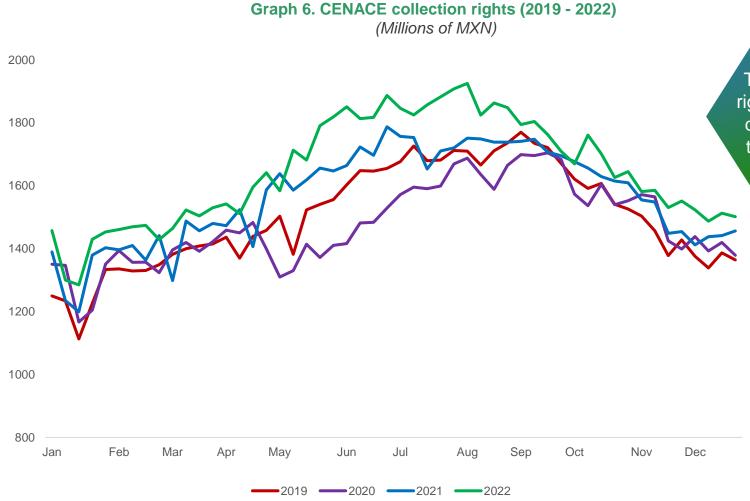
Chart 1. Electricity Transmission Tariff 2023 MXN/ kWh

Voltage level	Generators Interconnected generators MXN/KWh	Consumers Supply services	
Voltage ≥ 220kv	0.0595	0.0772	
Voltage < 220kv	0.1077	0.1758	

Source: Energy Regulatory Commission, January 2023.







The average collection rights **increased 7.17%** during 2022 compared to 2021 and **11.53%** in relation to 2020.

Source: CFE Transmission (January 6th, 2023).

Note: Earnings in the graph include VAT. Rounded figures in millions of pesos.



MEXICAN ELECTRIC SECTOR

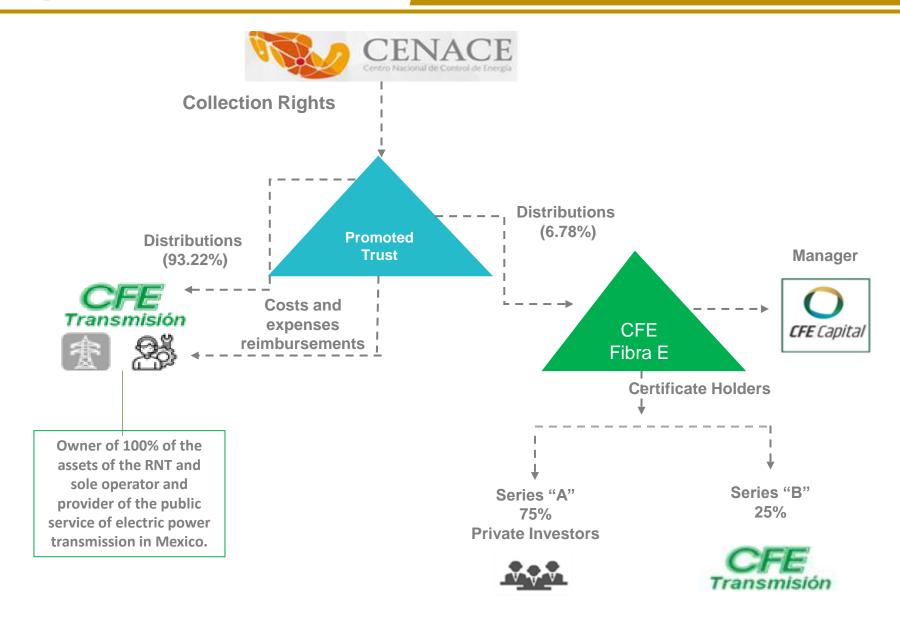
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Graph 7. Revenue Composition of CFE FIBRA E distribution (MXN per CBFE) (2018- 2022)

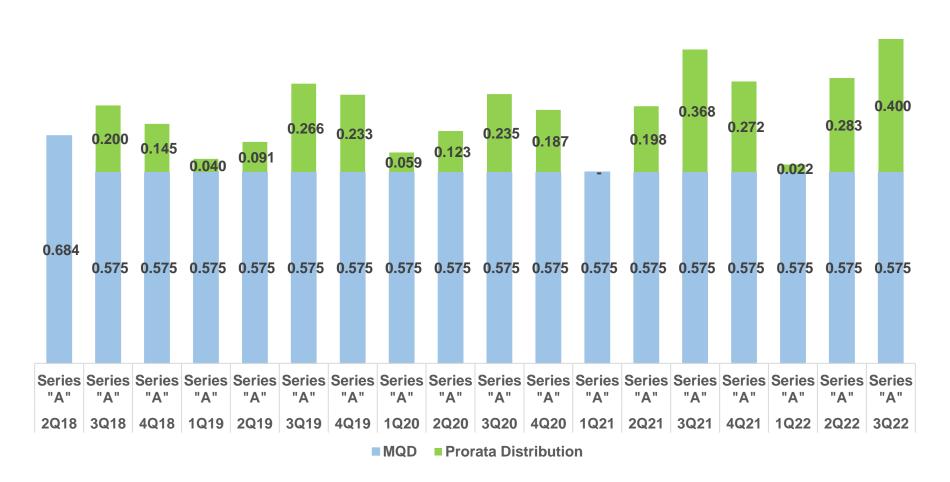




Chart 2 . Dividend Yield¹ Indicative of CFE FIBRA E Vs. Other REITs (2019 -2022) |%

Instrument	2019	2020	2021	2022
FCFE18	12.77	11.93	10.81	12.28
FUNO11	5.18	4.20	5.09	9.86
DANHOS13	5.17	7.62	5.37	10.26
FNOVA17	8.09	8.87	8.89	7.52
FIBRAMQ	5.08	4.76	7.37	7.03
FIBRAPL	5.99	5.39	4.50	4.30
TERRA13	3.37	2.29	2.55	6.78
FBMEX Index	8.47	7.85	6.96	7.04

Source: CFECapital with information extracted from Bloomberg as of January 9th, 2023.

Note: <sup>1</sup>Calculated by multiplying the most recent dividend by the number of dividends issued each year and dividing by the current price of the instrument. Figures in MXN.





#### **Graph 8. Price and volumen CFE FIBRA E**

(February 7th, de 2018 to January 16th, 2023)





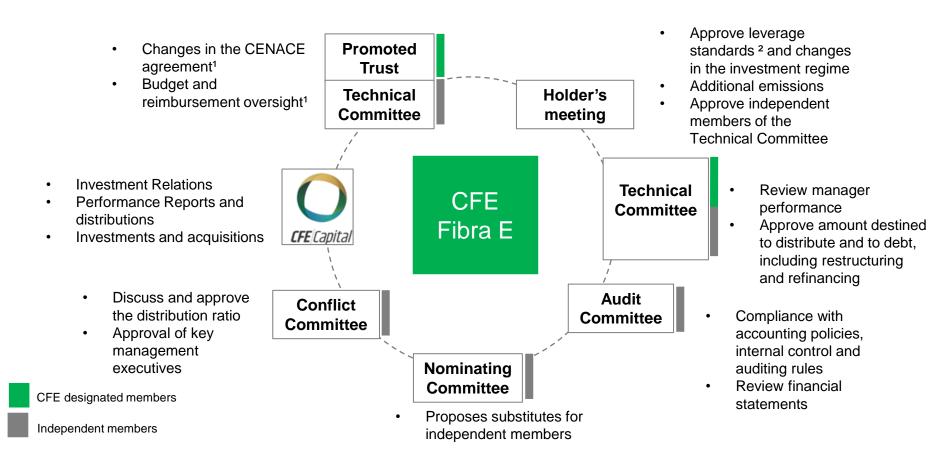


Source: CFECapital with information extracted from Bloomberg as of January 13th, 2023.

Note: The target prices estimated by the analysts are defined by themselves for the banking institutions they represent.



CFE Fibra E has a solid corporate governance that aligns the interests between the Promoted Trust, the Administrator, the CFE and CFE Transmission, the Fibra and the holders of the CBFEs.



Source: Offer prospectus and CFECapital. <sup>1</sup> All decisions require the approval of independent members. <sup>2</sup> The leverage rules require the approval of the Technical Committee and the corrective plan needs the approval of the Conflict Committee.



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**Chart 3. Investment Projects and Programs** 

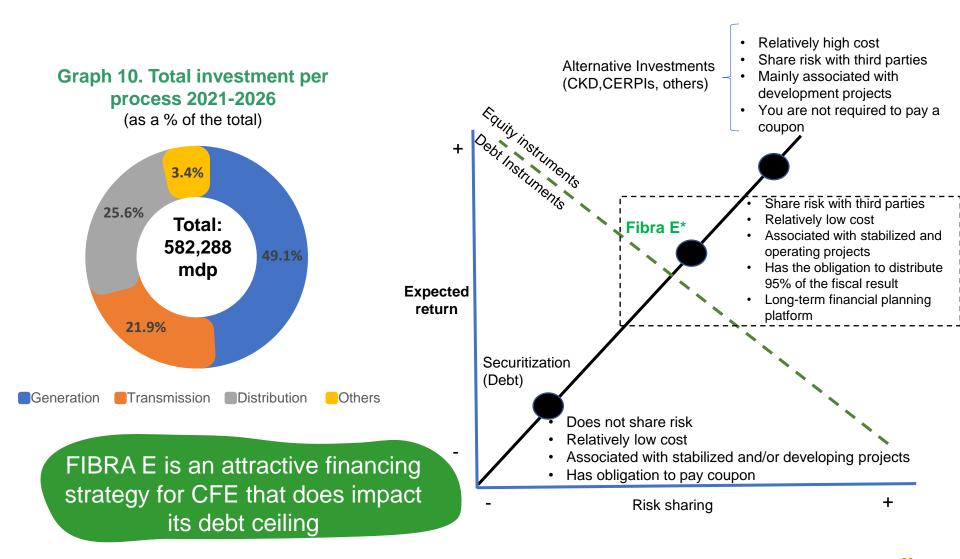
(Million pesos)

Process	2021	2022	2023	2024	2025	2026 +	Total Investment
Generation	39,959	79,046	73,479	57,030	22,727	13,489	285,730
Transmission	11,129	23,038	23,134	49,470	7,252	13,468	127,492
Distribution	9,184	16,199	18,541	16,073	11,167	77,962	149,125
Others	5,591	6,321	4,910	3,118	-	-	19,941
Total	65,863	124,604	120,064	125,692	41,146	104,918	582,288

Source: CFE Corporate Finance Department with information from other areas, CFE Business Plan 2022-2026

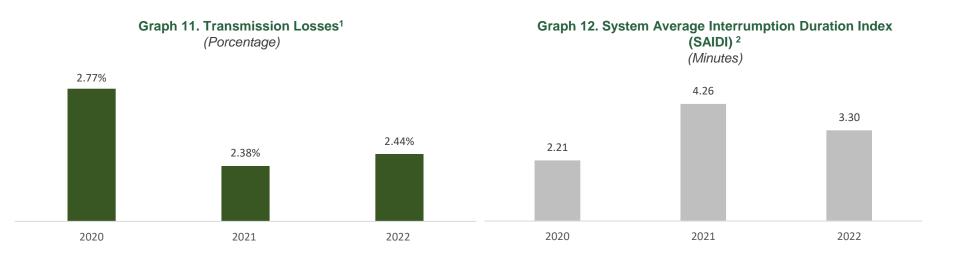


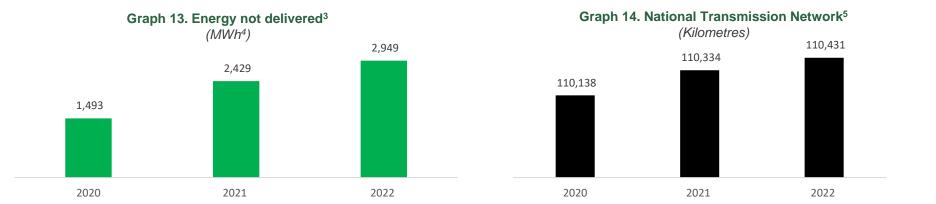








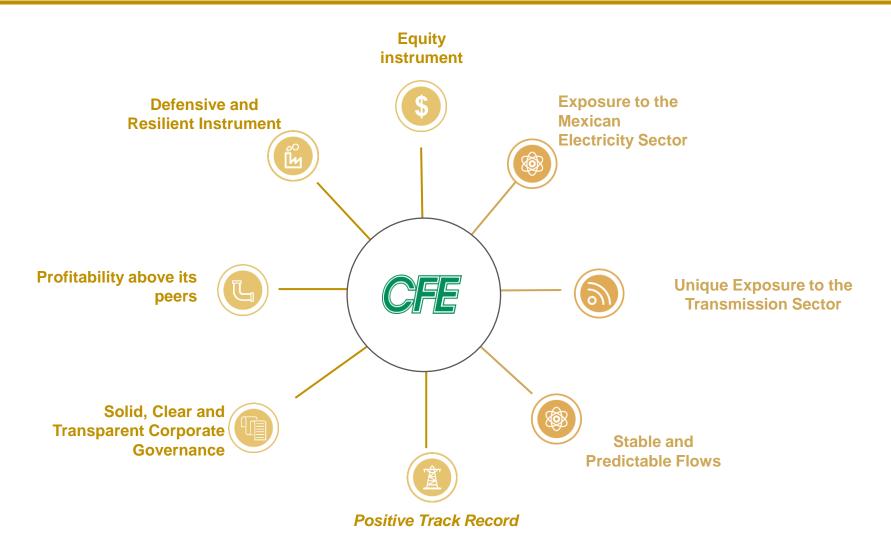




Source: CFE Transmission.

**Notes:** \*Preliminary results, under analysis 48 events as possible fortuitous cases or force majeure. ¹Percentage of technical energy losses in the National Transmission Network (RNT). ²Average duration of the interruption of the electricity supply to an end user. ³Power not supplied due to interruptions for periods greater than five minutes that occur because of RNT failures. ⁴Means megawatt-hour or thousand kilowatt-hours. ⁵Kilometers of transmission lines in the RNT. Information until September, 2022.







## TF<sub>t</sub> = (OPEX + (D + ROA + Interest expense and Commissions) \* AF<sub>t</sub> Energy

#### Transmission Fee TF, = RI / Energy

- **Energy** = Energy injected and withdrawn from the National Transmission Network determined on the estimates made by CENACE for the year of the validity of the rate.
- Required Income (RI) = Total Costs \* Adjustment Factor
- Adjustment Factor (AF) = 10% Exchange rate and 90% Inflation (INPP weighted from 12 selected producer price indices published by INEGI and 15 subsectors plus the construction sector as the main productive activities related to the transmission and distribution of electrical energy.
- Total Costs (TC) = Operating expenses (OPEX) + Capital expenses (CAPEX)
  - Operating expenses (OPEX) = Remunerations and benefits + cost of employee benefits + maintenance + taxes and rights + other expenses ( – income from outside the public transmission service) + losses of fixed assets + security of operating assets.
  - Capital expenses (CAPEX) = Depreciation (D) + Return On Assets (ROA) + Interest expenses and Commissions.
  - Return On Assets (ROA) = New investments to come into operation \* Return Rate (WACC) Net Value of Contribution to third parties.

**Glossary**: TF<sub>t</sub> = Transmission Fee, RI= Required Income, TC = Total Costs, AF<sub>t</sub> = Adjustment Factor, OPEX = Operating expenses, CAPEX = Capital expenses, D = Depreciation, ROA = Return On Assets, WACC = Return Rate (Weighted Average Cost of Capital).

**Note:** Discounting income from other than the public transmission service from other incomes and the net value of contribution to third parties in the return on assets is for the purpose of recognizing efficient costs. The required income has a proportion of 30% Generators and 70% Consumers. The rate also applies the location factors by voltage level for each type of User.

