# COMISIÓN FEDERAL DE ELECTRICIDAD, PRODUCTIVE STATE ENTERPRISE AND SUBSIDIARIES

# UNAUDITED CONDENSED CONSOLIDATED INTERIM FINANCIAL INFORMATION

**AS AT MARCH 31, 2021** 

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Independent Auditors' Report on review of condensed consolidated interim financial information

To the Board of Directors of Comisión Federal de Electricidad, Productive State Enterprise

#### Introduction

We have reviewed the accompanying condensed consolidated interim financial information of Comisión Federal de Electricidad, Productive State Enterprise ("the Entity"), which comprise the condensed consolidated statement of financial position as at March 31, 2021 and December 31, 2020, the condensed consolidated statements of comprehensive income (loss) for the three-month periods ended March 31, 2021 and 2020, the condensed consolidated statements of changes in equity for the three-month periods ended March 31, 2021 and 2020, the condensed consolidated statements of cash flows for the three-month periods ended March 31, 2021 and 2020 and notes to the interim financial information.

Management is responsible for the preparation and presentation of this condensed consolidated interim financial information in accordance with IAS 34, "Interim Financial Reporting". Our responsibility is to express a conclusion on this condensed consolidated interim financial information based on our review.

#### Scope of Review

We conducted our review in accordance with the International Standard on Review Engagements 2410, "Review of Interim Financial Information Performed by the Independent Auditor of the Entity". A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with International Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.



#### Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying March 31, 2021 condensed consolidated interim financial information, is not prepared, in all material respects, in accordance with IAS 34, "Interim Financial Reporting".

GOSSLER, S.C.

Leobardo Brizuela Arce Audit Partner

Mexico City April 29, 2021

#### Comisión Federal de Electricidad, Productive State Enterprise and Subsidiaries

Condensed consolidated statements of financial position

March 31, 2021 and December 31, 2020

(Thousands of pesos)

These financial statements have been translated from the Spanish language original and for the convenience of foreign/ English-speaking readers.

Assets	2021	2020	Liabilities and equity	2021	2020
Current assets:  Cash and cash equivalents (note 5)  Accounts receivable, net (note 6)  Inventory of materials for operation, net (note 7)	\$ 134,827,474 \$ 132,617,606 11,534,998	111,914,270 109,765,404 11,888,280	Lease liabilities (note 13)	\$ 70,134,800 S 22,847,544	20,669,039
Total current assets	278,980,078	233,567,954	Other payables and accrued liabilities (note 14) Income tax	87,869,187 2,253,076	91,376,246 6,393,400
Loans to employees	15,861,000	15,275,040	Total current liabilities	183,104,607	172,594,848
Plants, facilities and equipment, net (note 8)	1,196,449,458	1,203,814,126	Non-current:	266 245 520	200 202 420
Right-of-use assets, net (note 9)	478,474,802	477,711,898	Long-term debt (note 12) Lease liabilities (note 13) Other long-term liabilities (note 15)	366,215,528 601,718,186 29,219,459	309,392,439 588,086,102 25,608,334
Derivative financial instruments (note 11)	18,039,520	14,623,283	Employees benefits (note 16)	485,320,689	487,324,896
Intangibles and other assets (note 10)	53,117,918	50,876,166	Total non-current liabilities	1,482,473,862	1,410,411,771
Deferred tax assets	164,973,992	164,451,532	Total liabilities	1,665,578,469	1,583,006,619
			Equity:		
			Contributions received from the Federal Government Contributions in kind received from the Federal Government	5,251 95.004.417	5,251 95.004.417
			Retained earnings	35,103,775	74,305,052
			Other comprehensive income	390,852,826	389,822,161
			Total equity holders of the parent	520,966,269	559,136,881
			Non-controlling interests	19,352,030	18,176,499
			Contingencies and commitments (note 22)		
	\$ 2,205,896,768 \$	2,160,319,999	:	\$ 2,205,896,768	2,160,319,999

# Comisión Federal de Electricidad, Productive State Enterprise and Subsidiaries

Condensed consolidated statements of comprehensive income

For the 3-month period ended March 31, 2021 and 2020

(Thousands of pesos)

These financial statements have been translated from the Spanish language original and for the convenience of foreign/ English speaking readers.

	 2021		2020
Revenues:			
Electricity supply service revenue (note 22)	\$ 86,986,434	\$	92,507,063
Subsidy income	21,279,000		21,000,000
Third party fuel revenue	28,550,708		4,870,590
Freight revenue	4,614,370		1,495,537
Other income, net	15,118,583	_	5,291,981
Total revenue	 156,549,095	_	125,165,171
Costs:			
Energy and other fuel supplies	81,965,670		41,327,223
Energy and other fuel supplies - Third party	30,315,556		2,620,733
Salaries and related costs	16,871,221		17,313,614
Maintenance, materials and general services	2,915,783		4,885,951
Taxes and duties	952,741		678,268
Wholesale Electricity Market costs (MEM)	728,399		770,119
Employee benefits costs	9,293,881		9,508,358
Depreciation	17,301,020		17,315,463
Other expenses	 3,970,002	_	162,864
Total costs	 164,314,273	-	94,582,593
Operating results	 (7,765,178)	_	30,582,578
Comprehensive financing result, net:			
Interest expense	11,334,679		11,573,023
Finance expenses, net	1,768,950		6,381,777
Foreign exchange loss	 13,864,882	_	133,808,889
Total comprehensive financing results, net	 26,968,511	_	151,763,689
Loss before income tax other comprehensive income	(34,733,689)		(121,181,111)
Income tax (note 17)	 2,803,571	_	618,214
Net income	 (37,537,260)	_	(121,799,325)
Net income attributable to:			
Controlling interests	(39,201,277)		(121,799,852)
Non-controlling interests	 1,664,017	_	527
	(37,537,260)	· ' <u>-</u>	(121,799,325)
Other comprehensive income (note 18):	 1,030,665	_	17,037,063
Comprehensive income	\$ (36,506,595)	\$	(104,762,262)

The accompanying notes are an integral part of these financial statements.

#### Comisión Federal de Electricidad Productive State Enterprise and Subsidiaries

Condensed consolidated statements of changes in equity

For the 3-month period ended March 31, 2021 and 2020

(Thousands of pesos)

These financial statements have been translated from the Spanish language original and for the convenience of foreign/ English speaking readers.

	recei	ntributions ved from the al Government	Contributions in kind from the Federal Government	. <u>-</u>	Accumulated results	_	Other comprehensive income (loss)	. <u>.</u>	Total equity controlling interests	•	Total equity non- controlling interest	_	Total equity
Balances at December 31, 2019	\$	5,251 \$	95,004,417	\$	129,091,018	\$	400,029,909	\$	624,130,595	\$	19,147,211	\$	643,277,806
Comprehensive income of the period		-	-		(121,799,852)		17,037,063		(104,762,789)		527		(104,762,262)
Issue of shares		-	-		-		-		-		(326,602)		(326,602)
Dividend decree		<u> </u>	<u>-</u>		=	_	-		-		(214,193)		(214,193)
Balances at March 31, 2020	\$	5,251 \$	95,004,417	\$_	7,291,166	\$_	417,066,972	\$_	519,367,806	\$	18,606,943	\$_	537,974,749
Balances at December 31, 2020	\$	5,251 \$	95,004,417	\$	74,305,052	\$	389,822,161	\$	559,136,881	\$	18,176,499	\$	577,313,380
Comprehensive income of the period		-	-		-		-		-		(488,486)		(488,486)
Dividend decree		<u>-</u>	<u>.                                      </u>	_	(39,201,277)	_	1,030,665	_	(38,170,612)		1,664,017	_	(36,506,595)
Balances at March 31, 2021	\$	5,251 \$	95,004,417	\$_	35,103,775	\$_	390,852,826	\$	520,966,269	\$	19,352,030	\$	540,318,299

The accompanying notes are an integral part of these financial statements.

# Comisión Federal de Electricidad, Productive State Enterprise and Subsidiaries

Condensed consolidated statements of cash flows

For the 3-month period ended March 31, 2021 and 2020

(Thousands of pesos)

These financial statements have been translated from the Spanish language original and for the convenience of foreign/ English speaking readers.

	<u></u>	2021	2020
Cash flows from operating activities:			
Net loss	\$	(37,537,260) \$	(121,799,325)
Operating activities:		, , ,	, , , ,
Employee benefits costs		9,293,881	9,508,358
Increase in provisions of deferred and current income tax		2,803,571	618,214
Investing activities:			
Depreciation and right-of-use assets		17,301,020	17,315,463
Disposal of plants, facilities and equipment		397,431	1,812,001
Foreign exchange loss, interest expense and changes in financial derivative instruments fair value of financial instruments		14,736,069	151,403,243
denvative instruments fair value of financial instruments		14,730,009	131,403,243
Changes in operating assets and liabilities:			
Accounts receivable and loans to employees		(23,438,162)	(2,689,802)
Inventory of materials of operation		353,282	1,747,410
Other assets		(2,241,752)	(2,455,485)
Other payables and accrued liabilities		(7,362,289)	(9,805,402)
Payments to employees benefits	_	(11,298,088)	(9,310,027)
Net cash flows from operating activities	_	(36,992,297)	36,344,648
Cash flows from investing activities:			
Acquisition of plants, facilities and equipment	_	(3,750,538)	(4,869,783)
Net cash flows from financing activities		(40,742,835)	31,474,865
Cash flows from financing activities:			
Proceeds from debt		67,530,637	23,816,939
Non-controlling interest contribution Fibra E		1,167,915	(326,603)
Dividends paid		(1,656,401)	(214,193)
Payment of debt		(3,200,560)	(5,332,198)
Interest paid		11,334,706	(8,152,552)
Payment of lease obligations		(10,534,155)	(6,908,600)
Payments of financial instruments Collections from financial instruments		(6,700,326)	(2,085,193)
Collections from illiancial instruments	_	5,714,223	
Net cash flow from financing activities	_	63,656,039	797,600
Cash and ca Net increase in cash and cash equivalents		22,913,204	32,272,465
Cash and cash equivalents:			
At beginning of period	_	111,914,270	89,339,037
At end of period	\$	134,827,474 \$	121,611,502

The accompanying notes are an integral part of these financial statements.

# Comisión Federal de Electricidad, Productive State Enterprise and Subsidiaries Notes to the condensed consolidated financial statements for the three-month period ended March 31, 2021 and December 31, 2020

(Amounts expressed in thousands of Mexican pesos, unless explicitly indicated otherwise)

#### 1. Incorporation, Business Purpose and Relevant Events

# • Incorporation and business purpose

Comisión Federal de Electricidad, Productive State Enterprise, its subsidiaries, affiliates and trusts (CFE or the Company) is a Mexican entity that was incorporated by Decree as a Decentralized Public Entity of the Federal Government on August 14, 1937 and published in the Official Gazette on August 24, 1937. The condensed consolidated financial statements accompanying these notes include Comisión Federal de Electricidad, Productive State Enterprise (as the ultimate controlling entity of the economic group to which it belongs) and its subsidiaries, affiliates and trusts over which it exercises control.

The Comisión Federal de Electricidad Law (CFE Law) was published on August 11, 2014 and became effective on October 7, 2014. The CFE Law mandated the transformation of CFE into a Productive State Enterprise.

CFE's business purpose is to provide public transmission and distribution of electricity services on behalf of the Mexican State. CFE also engages in activities related to the generation and commercialization of electricity, as well as activities related to the import, export, transportation, storage and trading of natural gas, among others.

#### Relevant Events

#### COVID-19

Due to the COVID-19 pandemic declared by the World Health Organization, the risks identified for CFE were on several areas, but are classified as follows:

- a) economic-financial risks;
- b) operational risks, and
- c) labor risks.

In all three cases, the impacts were variable and with different intensity, but it is important to point out that the energy sector is "defensive" compared with other economy sectors. CFE has implemented several specific actions to mitigate the financial, operational and labor effects.

An explanation of each of the three risks areas with an impact in the Company is provided below:

#### a) Economic-financial risks

The economic-financial risks of the pandemic may be classified into two types based on their impact in the Company.

The risks representing a negative impact are:

- 1) lower electricity consumption and reductions in sales of electricity, and
- 2) variations in exchange rates

The risks representing a positive potential impact include:

- 3) lower interest rates, and
- 4) lower fuel prices

#### Impairment losses

Due to of the world economic events, changes in the electricity market, changes in the interest rate that affect the discount rate used to determine the value in use, exchange rate and the fact that return on assets is lower than expected, there are signs of impairment losses of assets.

The Company conducted an assessment with an external specialist to determine the fair value of the assets. The results concluded that there is no impairment in the assets (see note 8).

# b) Operating risks

Since power generation and supply is considered an essential activity for Mexico, throughout the health crisis CFE has maintained its operations in all its processes, from power generation to power distribution to power supply to end users. In essence, CFE has continued to produce electricity for the entire country 24 hours per day, 7 days a week.

This has been achieved by implementing different actions in the "Health Safety Protocol for the Reincorporation to Activities in the Work Centers of Comisión Federal de Electricidad".

#### c) Labor risk

The Company has introduced a number of actions and measures oriented to reduce the spread of the SARS virus in its different facilities, to promote distance work, in face to face and mixed modality, with workers reporting to their work centers on a sporadic basis and with older or physically vulnerable employees reporting to their offices or work centers only when strictly necessary in order to reduce the number of infections of SARS-COV-2.

For this purpose, CFE's senior management issued the "Health Safety Protocol for the Reincorporation to Activities in the Work Centers of the Federal Electricity Commission", with the purpose of all the Company's areas take actions to maintain and strengthen the preventive and protection measures to all collaborators.

#### Energy emergency

As a consequence of the cold front No. 35 with Arctic winds causing low temperatures in the north and northeast of the country, as well as the freezing of pipelines and the closure of natural gas production plants in the state of Texas, USA, There was a risk of a generation capacity deficit in the power plants in Mexico.

As a consequence of the freezing of natural gas and electricity generation infrastructure in Texas, it generated that the price of natural gas, such as Waha and Houston Ship Channel (HSC), suffered an initial increase from 4.5 USD / GJ to 11 USD / GJ on February 11 and 12, 2021 and two days later there was an increase to 150 USD / GJ.

This emergency represented a significant economic cost for the CFE derived mainly from the acquisition of gas for the generation of electricity from Independent Power Producers' plants and the mitigation of offers in the Wholesale Electricity Market for the participation of CFE plants.

Faced with this emergecy, and in accordance with market rules, CFE's Generation EPS have submitted requests to review bids for the recovery of production costs during this contingency. The foregoing, in accordance with the provisions of the Electricity Industry Law, will allow the recognition of the real costs of gas for the generation of electric power during this period in the calculation of the fares to the final users of CFE.

# **Amendments to the Collective Labor Agreement**

On May 19, 2016, CFE carried out a review of the terms of the Collective Labor Agreement (CCT Spanish acronym) for the 2016-2018 biennium, where various clauses were modified that mainly affected the retirement category, presenting themselves a reduction on the Company's labor liability, On November 14, 2016, the Secretaría de Hacienda y Crédito Público (SHCP, Spanish acronym) published the "Agreement through which the general provisions related to the assumption by the Federal Government of CFE's employee benefits liability are issued" in the Official Gazette, whereby the Federal Government through the SHCP, assumes a portion of the pension and retirement payment obligation actuarially recognized and accounted for in CFE's financial statements, that correspond to the workers that were hired on or prior to August 18, 2008.

On December 19, 2016, through official document No. 35.-187/2016, the Secretaría de Hacienda y Crédito Público informed CFE that the Federal Government's commitment to pay would be assumed by the SHCP through the issuance of debt instruments by the Federal Government in favor of CFE for a total amount of \$161,080,204, distributed in amounts that will be delivered annually to cover such commitment.

On August 19, 2020, the CFE and the Sindicato Único de Trabajadores Electricistas de la República Mexicana "SUTERM" reached a new agreement on the Collective Labor Agreement that will be current during the 2020-2022 biennium, which considers, among other aspects, the restitution of years to access your right to retirement for unionized workers. The agreement states that once signed the collective agreement, and in a period not exceeding 180 days, the CFE Administration will issue the regulation document for trusted personnel. This modification to the contract meant a recognition in the cost of the labor obligations at December 31, 2020 in the amount of \$80,021,095.

In compliance with the Ninth Provision, second paragraph of the "Agreement", the CFE communicated to the Public Credit Unit of the SHCP, through official letter DCF / 0202/2020 dated September 2, 2020, the previously mentioned amendment to the CCT. The impact on labor liabilities for the Company will be evaluated by an independent expert. The result of the review must be delivered by the independent expert within three months from the date of their hiring.

Once concluded the determination of the labor obligations effect related to the CCT for 2020-2022 biennium, the SHCP will adjust the value of the above mentioned Titles.

#### 2. Basis of preparation of the condensed consolidated financial statements

# a) Basis of accounting

The condensed consolidated financial statements have been prepared in accordance with the International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB).

#### b) Basis of measurement

The consolidated financial statements have been prepared on the historical-cost basis except for the Company's derivative financial instruments, right-of-use assets, plants, facilities and equipment, as well as its debt and lease liabilities, which are recognized at fair value, and the defined benefit plans which are recognized at the present value of the defined benefit obligation less the fair value of the plan assets.

# c) Functional currency and presentation of the condensed consolidated financial statements

The condensed consolidated financial statements and notes thereto are presented in Mexican pesos, the Company's reporting currency, which is the same as its functional currency.

For purposes of disclosure in the notes to the condensed consolidated financial statements, all references to "pesos" or "\$" refer to Mexican pesos; all references to "dollars" refer to U.S. dollars; all references to "euros" refer to the legal currency of the European Union; all references to "yen" refer to the legal currency of Japan; and all references to "Swiss francs" refer to the legal currency of Switzerland. The financial information is presented in thousands of pesos and has been rounded to the nearest unit, except where otherwise indicated.

#### d) Condensed consolidated statements of comprehensive income

The Company has elected to present comprehensive income using a 'one-statement' approach that includes all of its profit or loss and other comprehensive income (OCI) items, called Statement of Comprehensive Income.

The accompanying condensed consolidated statements of comprehensive income present ordinary costs and expenses based on their nature, since management believes that this structure results in clearer information for the reader. The consolidated statements of comprehensive income include a line item for operating result, which represents CFE's revenue minus costs, since management believes that including this item facilitates the reader's understanding of the Company's economic and financial performance.

### 3. The significant accounting policies followed by the Company are summarized below:

#### a) Basis of consolidation

The condensed consolidated financial statements include the subsidiaries, affiliates and trusts over which the Company exercises control. The Company controls an entity when it is exposed to, or has rights to variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity.

# Non-controlling interest

Changes in the Company's interest in a subsidiary that do not result in a loss of control are accounted for as equity transactions. The non-controlling interest in the consolidation do not represent 1% of the assets.

#### b) Cash and cash equivalents

Cash and cash equivalents consist of cash, bank deposits, foreign currencies, and short-term temporary investments. Cash and bank deposits are presented at nominal value and the returns on these investments are recognized in the income statement as they accrue.

Cash equivalents include short-term highly liquid investments and are valued at fair value, and are subject to a low risk of changes in their value.

# c) Financial instruments

#### i) Initial recognition and measurement

Receivable accounts and debt instruments issued are recognized when they are originated. All other financial assets and financial liabilities are initially recognized when the Company becomes a party to the contractual provisions.

A financial asset (unless it is an account receivable without a significant financing component) or financial liability is initially measured at fair value plus, in case of an item not measured at fair value through profit or loss with changes in results, transaction costs that are directly attributable to its acquisition or issue. An account receivable without a significant financing component is initially measured at the transaction price.

#### ii) Classification and subsequent measurement - Financial assets

On initial recognition, a financial asset is classified as measured at: amortized cost; at fair value through other comprehensive income - debt investment; at fair value with changes posted to other comprehensive income - equity investment; or at fair value with changes posted to profit or loss.

Financial assets are not reclassified subsequent to their initial recognition unless the Company changes its business model for managing financial assets, in which case all affected financial assets are reclassified on the first day of the first reporting period following the change in the business model.

Financial assets are classified, in their initial recognition, as measured subsequently at amortized cost, fair value through other comprehensive income (OCI) and fair value through profit or loss.

The Company measures financial assets at amortized cost if it meets both of the following conditions:

- 1. The financial asset is held within a business model whose objective is to hold assets to collect contractual cash flows:
- 2. The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal outstanding amount.

All the financial assets not classified as measured at amortized cost or at fair value with changes through other comprehensive income as described above are measured at fair value with changes through profit or loss. This includes all derivative financial instruments. On initial recognition, the Company may irrevocably designate a financial asset that otherwise meets the requirements to be measured at amortized cost or at fair value with changes through other comprehensive income as at fair value with changes through profit or loss if doing so eliminates or significantly reduces a measurement or recognition mismatch that would otherwise arise.

#### iii) Derivative financial instruments and hedge accounting

Derivative financial instruments are recognized at fair value in the statement of financial position. The fair value of derivative financial instruments is determined based on generally accepted valuation techniques. Consistent with the risk strategy, the Company enters into derivative financial instruments contracts to mitigate foreign exchange and interest rate risks, through Interest-Rate Swaps, Cross-Currency Swaps and Foreign Exchange Forwards.

The policies include formal documentation of all the transactions between the hedging instrument and the hedged item, the risk management objectives, and strategies for undertaking the hedge.

The effectiveness of derivative financial instruments designated as hedges is assessed prior to their designation, as well as over the hedging period, which depends on the features of the hedge. When it is determined that a derivative is not highly effective as a hedge, hedge accounting stops being applied in respect to identified derivative financial instruments in a prospective manner.

The Company suspends cash flow hedge accounting when the derivative expires, when it is not effective enough to offset the changes in the fair value or cash flows of the hedged item, or when decides to cancel the hedging designation.

The gains or losses recognized in other comprehensive income and accumulated in Equity, remain in Equity, and are recognized when the forecast transaction is ultimately recognized in profit or loss.

The effective portion of changes in the fair value of the derivative financial instruments designated as cash-flow hedges is recognized in Equity in the other comprehensive income caption, while any ineffective portion is recognized in profit or loss. The effective portion recognized in Equity is recycled in the income statement in the periods when the hedged item affects profit or loss and is presented in the same caption of such statement where the corresponding primary position is presented.

# d) Plants, facilities and equipment

#### i) Recognition and measurement

Plants, facilities and equipment are initially measured at cost.

Plants, facilities and equipment in operation, used for the generation, transmission and/or distribution of electricity are recognized in the statement of financial position at their revalued amount, and fair value is determined as of the revaluation date, less any accumulated depreciation and impairment losses. CFE periodically reviews the fair values of its plants, facilities and equipment in operation, and every 5 years it assesses the need to revalue its assets to ensure that the carrying amount does not differ materially from that, which would be determined using fair value at the end of the reporting period.

Any increase in the revaluation of plants, facilities and equipment is recognized as a revaluation surplus in other comprehensive income, except when such increase reverses a revaluation deficit of the same asset previously recognized in profit or loss, in which case the increase is recognized in profit or loss to the extent that it reduces the expense of the previous loss. Any decrease in the carrying amount resulting from the revaluation of such plants, facilities and operating equipment is recognized in profit or loss to the extent that it exceeds the revaluation surplus, if any.

Borrowing costs incurred in direct and general financing of constructions in progress for a period greater than 6 months are capitalized as part of the cost of such asset.

In addition to the purchase price and costs directly attributable to preparing an asset in terms of its physical location and condition for use as intended by the Company's technicians, the cost also includes the estimated costs for the decommissioning and removal of the asset and for restoration of the site where it is located, if such obligation exists.

# ii) Depreciation

Depreciation of plants, facilities and equipment in operation is calculated at the fair value or acquisition cost of the asset, as the case may be, using the straight-line method over the estimated useful lives of the assets, beginning the month after the assets are available for use. On the subsequent sale or retirement of a revalued property, the attributable revaluation surplus remaining in the asset revaluation reserve is transferred directly to retained earnings.

Depreciation of plants, facilities and equipment in operation is recognized in profit or loss. On event of the subsequent sale or retirement of a revalued property, the attributable revaluation surplus remaining property revaluation reserve is transferred directly to retained earnings.

The depreciation rates based on the useful lives of the assets, determined by the Company's technicians are as follows:

	Useful life (years)
Geothermal power plants	27 to 50
Steam power plants	34 to 75
Hydroelectric power plants	40 to 80
Internal combustion power plants	34 to 75
Turbo gas and combined cycle power plants	34 to 75
Nuclear power plants	40
Substations	39 to 75
Transmission lines	34 to 75
Distribution Networks	30 to 59

The Company periodically evaluates the useful lives, depreciation methods, and residual values of its plants, facilities and equipment. In the event of changes in the estimates used, the related effects are recognized prospectively.

When the plants, facilities and equipment items are comprised of various components, and their useful lives are different, the significant individual components are depreciated over their estimated useful lives. Maintenance and minor repair costs and expenses are recognized in profit or loss when they are incurred.

#### iii. Property and assets for offices and general services.

Property and assets for offices and general services are depreciated at the following rates:

	<u>Useful life (in years)</u>
Buildings	20
Office furniture and equipment	10
Computer equipment	4
Transportation equipment	4
Other assets	10

Land is not depreciated.

An item of plant, facilities and equipment is derecognized upon disposal or when no future economic benefits are expected from its continuing use. The gain or loss on the sale or retirement of an item of property, plant and equipment is calculated as the difference between its net selling price and its net carrying amount, and is recognized in the income statement.

#### iv) Subsequent expenditure

Subsequent expenditure is capitalized only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure, including expenditure on internally generated goodwill and brands, is recognized in profit or loss as incurred.

# e) Leases

The Company has right-of-use assets in terms of IFRS 16 derived from its contracts with creditors for rentals of office space, furniture, reserved capacity gas pipelines for a fixed price, as well as contracts with independent power generation plants that provide power generation services to CFE.

At contract inception, the Company assesses whether the contract is, or contains, a lease. A contract is, or contains a lease if it conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Company uses the definition of a lease included in IFRS 16.

#### As a lessee

At inception or reassessment of a contract that contains a lease component, the Company allocates the consideration in the contract to each lease component on the basis of their relative stand-alone prices. However, for the leases of property, the Company has elected not to separate non-lease components and account for the lease and non-lease components as a single lease component.

The Company recognizes a right-of-use asset and a lease liability at the commencement date of the lease. The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is located, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the end of the lease term, unless the lease transfers ownership of the underlying asset to the Company by the end of the lease term or the cost of the right-of-use asset reflects that the Company will exercise a purchase option.

In that case, the right-of-use asset will be depreciated over the useful life of the underlying asset, which is determined on the same basis as those of property and equipment. In addition, the right-of-use asset is periodically reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the Company's incremental borrowing rate. Generally, the Company uses its incremental borrowing rate as the discount rate.

The Company determines its incremental borrowing rate by obtaining interest rates from various external financing sources and makes certain adjustments to reflect the terms of the lease and type of the asset leased.

Lease payments included in the measurement of the lease liability comprise the following:

- fixed payments, including in-substance fixed payments;
- variable lease payments that depend on an index or a rate, initially measured using the index or rate as of the commencement date:
- amounts expected to be payable under a residual value guarantee; and
- the exercise price under a purchase option that the Company is reasonably certain to exercise, lease payments in an optional renewal period if the Company is reasonably certain to exercise an extension option, and penalties for early termination of a lease unless the Company is reasonably certain not to terminate the lease early.

The lease liability is measured at amortized cost using the effective interest method. It is remeasured when there is a change in future lease payments arising from a change in an index or rate, if there is a change in the Company's estimate of the amount expected to be payable under a residual value guarantee, if the Company changes its assessment of whether it will exercise a purchase, extension or termination option or if there is a revised in-substance fixed lease payment.

When the lease liability is remeasured in this way, a corresponding adjustment is made to the carrying amount of the right-of-use asset or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

The Company presents right-of-use assets that do not meet the definition of investment property in 'property, plant and equipment' and lease liabilities in 'loans and borrowings' in the statement of financial position.

#### Short-term leases and leases of low-value assets

The Company has elected not to recognize right-of-use assets and lease liabilities for leases of low-value assets and short-term leases, including IT equipment. The Company recognizes the lease payments associated with those leases as an expense on a straight-line basis over the lease term.

The Company recognizes lease payments received from operating leases as income on a linear basis during the lease term as part of 'other income'.

Generally, the accounting policies applicable to the Company as a lessor in the comparative period were not different from IFRS 16, except for the classification of the sublease entered into in the current reporting period, which resulted in a classification of a finance lease.

# f) Fair value measurement

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or, in its absence, the most advantageous market to which the Group has access at that date. The fair value of a liability reflects its non-performance risk.

A number of the Company's accounting policies and disclosures require the measurement of fair values, for both financial and non-financial assets and liabilities.

CFE has an established control framework with respect to the measurement of fair values. This includes a valuation team that has overall responsibility for overseeing all significant fair value measurements, including Level 3 fair values, and reports directly to the Chief Financial Officer

The valuation team regularly reviews significant unobservable inputs and valuation adjustments. If third party information, such as broker quotes or pricing services, is used to measure fair values, then the valuation team assesses the evidence obtained from the third parties to support the conclusion that these valuations meet the requirements of Standards, including the level in the fair value hierarchy in which the valuations should be classified.

# 4. Financial Instruments - Fair value and risk management

#### Fair values

Set out below are the carrying amounts and fair values of financial instruments recognized for the three-month period ended as of March 31, 2021 and as of December 31, 2020:

	-	2021	2020
Financial assets			
Cash and cash equivalents (2)	\$	134,827,474	\$ 111,914,270
Accounts receivable (2)		132,617,606	109,765,404
Loans to employees (2)		15,861,000	15,275,040
Derivative financial instruments (1)		18,039,520	14,623,283
Financial liabilities			
Short-term debt (2)	\$	70,134,800	\$ 54,156,163
Long-term debt (2)		366,215,528	309,392,439
Short-term lease liability (1)		22,847,544	20,669,039
Long-term lease liability (1)		601,718,186	588,086,102
Suppliers and contractors (2)		41,216,119	36,324,045
Deposits from customers and contractors (2)		30,953,830	30,698,012

<sup>(1)</sup> Fair value

<sup>(2)</sup> Amortized cost

# Objectives of financial risk management

The Company's Financial Officer's functions include, among others, implementing strategies, coordinating access to domestic and international financial markets, and monitoring and managing financial risks related to the Company's operations through internal and market risk reports that analyze the degree and magnitude of the Company's exposure to financial risks. These risks include market risk (including foreign exchange risk and interest rate risk), credit risk and liquidity risk.

To mitigate the effect of its debt related risks, the Company uses derivative financial instruments to hedge such risk.

The Treasury Department is bound by the Ministry of Finance and Public Credit cash management policies that provide that investments must be made in low-risk short-term instruments. Monthly status reports are issued to the Treasury Investment Committee.

#### Credit risk

Credit risk is the risk of financial loss of the Company if a counterparty to a financial instrument fails to meet its contractual obligations.

The Company is subject to credit risk mostly in respect of its financial instruments comprising cash and short-term investments, loans and accounts receivable, and derivative financial instruments. In order to mitigate the credit risk in its cash, short-term investments and derivative financial instruments, the Company conducts transactions only with counterparties that are financially solvent and that have a good reputation and high credit quality. The Company also obtains sufficient guarantees, when appropriate, to mitigate the risk of financial loss due to non-performance.

The carrying amounts of the Company's financial assets represent the maximum credit exposure.

For credit risk management purposes, the Company considers that the credit risk on loans and accounts receivable from consumers is limited. The Company determines the allowance for doubtful accounts based on expected credit loss model.

#### Liquidity risk

Liquidity risk is the risk that an entity will encounter difficulty in meeting obligations associated with its financial liabilities that are settled by delivering cash or another financial asset.

The financing obtained by the Company is mainly through contracted debt, the leasing of plants, facilities, equipment and PIDIREGAS. To manage liquidity risk, the Company periodically performs cash flow analyses and maintains open lines of credit with financial institutions and suppliers.

In addition, the Company's budget is controlled by the Federal Government; consequently, the net debt ceiling authorized on an annual basis by the Federal Congress based on the Company's budgeted revenues, cannot be exceeded.

The following table provides information about the contractual maturities of the Company's financial liabilities based on the payment terms and projected interest payments:

		Less than		More than 1 year and less than 3	More than 3 years and less than 5		More than 5		
As of March 31, 2021		one year	ii	years	years		years		Total
Documented debt Interest payable on	\$	53,344,469	\$	66,772,022	\$ 24,567,847	\$	159,267,531	\$	303,951,869
documented debt		13,018,192		23,620,555	19,175,625		75,014,103		130,828,475
PIDIREGAS debt Interest payable on		12,780,308		23,894,466	22,172,001		71,957,500		130,804,275
PIDIREGAS debt		6,645,368		11,228,838	8,867,317		29,200,496		55,942,019
Lease liabilities Interest payable on lease		22,847,544		27,119,550	29,698,518		544,900,118		624,565,730
liabilities		20,549,329		39,391,515	37,075,498		196,323,157		293,339,499
Suppliers and contractors		41,216,119		-	-		-		41,216,119
Other liabilities	_	4,118,374			 				4,118,374
Total	\$_	174,519,703	\$	192,026,946	\$ 141,556,806	\$	1,076,662,905	\$	1,584,766,360
		Less than		More than 1 year and less	More than 3 years and less than 5		More than 5		
As of December 31, 2020		Less than one year			years and		More than 5 years		Total
Documented debt	- \$		\$	year and less	\$ years and less than 5	\$		\$	
	-	one year	\$	year and less than 3 years	\$ years and less than 5 years	\$	years	\$	
Documented debt Interest payable on documented debt PIDIREGAS debt	- \$	one year 39,830,932	\$	year and less than 3 years 28,188,384	\$ years and less than 5 years 49,613,505	\$	<b>years</b> 113,878,518	\$	231,511,339
Documented debt Interest payable on documented debt	\$	one year 39,830,932 10,955,582	\$	year and less than 3 years 28,188,384 20,040,689	\$ years and less than 5 years 49,613,505 16,355,216	\$	years 113,878,518 51,579,525	\$	231,511,339 98,931,013
Documented debt Interest payable on documented debt PIDIREGAS debt Interest payable on PIDIREGAS debt Lease liabilities	\$	one year 39,830,932 10,955,582 14,325,231	\$	year and less than 3 years 28,188,384 20,040,689 23,268,563	\$ years and less than 5 years 49,613,505 16,355,216 22,202,880	- \$	years 113,878,518 51,579,525 72,240,589	\$	231,511,339 98,931,013 132,037,263
Documented debt Interest payable on documented debt PIDIREGAS debt Interest payable on PIDIREGAS debt	\$	one year 39,830,932 10,955,582 14,325,231 6,758,165	\$	year and less than 3 years 28,188,384 20,040,689 23,268,563 11,457,212	\$ years and less than 5 years 49,613,505 16,355,216 22,202,880 9,007,299	\$	years 113,878,518 51,579,525 72,240,589 29,822,921	\$	231,511,339 98,931,013 132,037,263 57,045,596
Documented debt Interest payable on documented debt PIDIREGAS debt Interest payable on PIDIREGAS debt Lease liabilities Interest payable on lease	- \$	one year 39,830,932 10,955,582 14,325,231 6,758,165 20,669,039	\$	year and less than 3 years 28,188,384 20,040,689 23,268,563 11,457,212 25,670,320	\$ years and less than 5 years 49,613,505 16,355,216 22,202,880 9,007,299 28,050,449	- \$	years 113,878,518 51,579,525 72,240,589 29,822,921 534,365,333	\$	231,511,339 98,931,013 132,037,263 57,045,596 608,755,141
Documented debt Interest payable on documented debt PIDIREGAS debt Interest payable on PIDIREGAS debt Lease liabilities Interest payable on lease liabilities	\$	one year 39,830,932 10,955,582 14,325,231 6,758,165 20,669,039 19,918,991	\$	year and less than 3 years 28,188,384 20,040,689 23,268,563 11,457,212 25,670,320	\$ years and less than 5 years 49,613,505 16,355,216 22,202,880 9,007,299 28,050,449	- \$	years 113,878,518 51,579,525 72,240,589 29,822,921 534,365,333	- \$	231,511,339 98,931,013 132,037,263 57,045,596 608,755,141 287,547,874

# **Market risk**

Due to its activities, the Company has exposure to foreign currency and interest rate risks.

# Foreign currency exchange risk management

To fund its working capital requirements and public works financing, the Company contracts debt and carries out foreign currency-denominated transactions, consequently, it is exposed to exchange rate risk.

	Total debt as of March 31, 2021 (amounts in millions of pesos)	Total debt as of December 31, 2020 (amounts in millions of pesos)
Local currency	\$157,136	\$143,688
Foreign currency	277,620	218,469

In accordance with its policies, the Company mostly contracts interest rate and foreign currency swaps and foreign currency forward contracts to mitigate its exposure to interest rate and foreign currency risks.

### Fair value of financial instruments

#### Measurement of fair values

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or, in its absence, the most advantageous market to which the Company has access at that date. The fair value of a liability reflects its non-performance risk.

When one is available, the Company measures the fair value of an instrument using the quoted price in an active market for that instrument. A market is regarded as 'active' if transactions for the asset or liability take place with sufficient frequency and volume to provide pricing information on an ongoing basis.

If there is no quoted price in an active market, then the Company uses valuation techniques that maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The chosen valuation technique incorporates all of the factors that market participants would consider in setting a transaction price.

If an asset or a liability measured at fair value has a bid price and an ask price, then the Company measures assets and long positions at a bid price and liabilities and short positions at an ask price.

The best evidence of the fair value of a financial instrument on initial recognition is normally the transaction price; this is, the fair value of the consideration given or received. If the Company determines that the fair value on initial recognition differs from the transaction price and the fair value is evidenced neither by a quoted price in an active market for an identical asset or liability nor based on a valuation technique for which any unobservable inputs are judged to be insignificant in relation to the measurement, then the financial instrument is initially measured at fair value, adjusted to defer the difference between the fair value on initial recognition and the transaction price.

Subsequently, that difference is recognized in profit or loss on an appropriate basis over the life of the instrument but no later than when the valuation is wholly supported by observable market data or the transaction is closed out.

#### Fair value of financial instruments recognized at amortized cost

The Company considers that the carrying amount of the financial assets and liabilities recognized at amortized cost in the financial statements approximates fair value, including those mentioned below.

### Valuation techniques and assumptions used in determining fair value

	202	1	2020	
	Carrying amount	Fair value	Carrying amount	Fair value
Cash and cash equivalents \$	134,827,474 \$	134,827,474 \$	111,914,270 \$	111,914,270
Accounts receivable	132,617,606	132,617,606	109,765,404	109,765,404
Loans to employees	15,861,000	15,861,000	15,275,040	15,275,040
Suppliers and contractors	41,216,119	41,216,119	36,324,045	36,324,045
Lease liabilities	624,565,730	624,565,730	608,743,667	608,743,667
Documented debt	303,951,869	322,880,264	231,511,339	269,899,051
PIDIREGAS debt	130,804,275	154,627,932	132,037,263	160,525,038

The fair value of the Company's financial assets and liabilities is determined as follows:

- The fair values of financial assets and financial liabilities with standard terms and conditions that are traded on active liquid markets are determined by references to quoted market prices.
- The fair value of other financial assets and liabilities (excluding derivative financial instruments) is determined in accordance with generally accepted pricing models, which are based on an analysis of discounted cash flows using current transaction prices observable in active markets and quoted prices for similar instruments.
- In conformity with the terms of the ISDA (International Swaps and Derivatives Association) for the contracts that were entered into, the counterparties or banking institutions are the appraisers, and they calculate and send the Mark-to-Market (which is the monetary valuation of breaking agreed-upon transaction at any given time) on a monthly basis. CFE monitors this value and if there is any doubt or abnormal variance in the market value, CFE requests the counterparty to provide a new valuation.

#### Valuations at fair value recognized in the statement of financial position

The following table provides an analysis of the financial instruments that are measured subsequent to initial recognition at fair value, except for the financial instruments whose carrying amount is reasonably equivalent to their fair value, grouped into Levels 1 to 3, based on the degree to which the fair value is observable:

	 Level 1				
	2021	2020			
Available-for-sale financial assets	 				
Temporary investments	\$ 28,307,415 \$	40,886,893			

An analysis of the fair value of the derivative financial assets grouped into level 1, based on the degree to which the inputs to estimate their fair value are observable, is included in note 11.

The levels referred to above are considered as follows:

- Level 1 fair value measurements are those derived from quoted prices (unadjusted) in active
  markets for identical assets or liabilities. For the fair values of the Documented Debt, the
  observed changes are obtained from the Company's price provider, which furnishes the dirty
  price valuations reflected in the stock exchange certificates listed on the Mexican Stock
  Exchange.
- Level 2 fair value measurements are those derived from inputs other than quoted prices included within level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).
- Level 3 fair value measurements are those derived from unobservable inputs for the asset or liability, for the fair values of the Documented Debt and Pidiregas Debt, the reasonably possible changes at the Balance Sheet date are determined by measuring the present value of the maturities in the source currency of the lines of credit discounted using CFE's yield curve. For this purpose, the Company's price provider furnishes the curves and risk factors related to the interest rates, exchange rates and inflation to which the debt is exposed.

#### 5. Cash and cash equivalents

An analysis of cash and cash equivalents as of March 31, 2021 and December 31, 2020 is as follows:

	<u>-</u>	2021	•	2020
Cash on hand and cash in banks	\$	106,511,238	\$	71,018,556
Short-term investments		28,307,415		40,886,893
Stock certificates	<u>-</u>	8,821	•	8,821
Total	\$	134,827,474	\$	111,914,270

#### 6. Accounts receivable, net

An analysis of accounts receivable as of March 31, 2021 and December 31, 2020 is as follows:

		2021	2020
Public consumers (*)	\$	61,212,208 \$	56,284,907
Government agency consumers (*)		23,281,132	24,060,564
		84,493,340	80,345,471
Impairment of receivables		(32,645,675)	(31,924,441)
		51,847,665	48,421,030
Other accounts receivable		59,938,142	38,292,327
Value added tax	_	20,831,799	23,052,047
Total	\$	132,617,606 \$	109,765,404

<sup>(\*)</sup> Includes estimates of revenue for electricity supply services that are in the process of being billed.

An analysis of balances and changes in the impairment of receivables as of March 31, 2021 and December 31, 2020 is as follows:

	_	2021	 2020
Opening balance	\$	(31,924,441)	\$ (27,328,830)
Increase		(721,234)	(5,140,651)
Charges	_	-	 545,039
Ending balance	\$	(32,645,675)	\$ (31,924,441)

# 7. Inventory of operating materials for operation

An analysis of the inventory of operating materials as of March 31, 2021 and December 31, 2020 is as follows:

	 2021	·	2020
Spare parts and equipment	\$ 1,767,241	\$	1,801,157
Fuel and lubricants	10,003,229		10,179,023
Nuclear fuel	 3,314,914		3,556,077
	15,085,384		15,536,257
Allowance for obsolescence	 (3,550,386)		(3,647,977)
Total	\$ 11,534,998	\$	11,888,280

# 8. Plants, facilities and equipment, net

An analysis of plants, facilities and equipment, net as of March 31, 2020 and December 31, 2020 is as follows:

		Plants, facilities and equipment, net											
		December 31, 2020		Additions		Retirements	•	Depreciation for the period	Capitalization		March 31, 2021		
Plants, facilities and equipment	\$	1,833,546,389	\$	3,765,677	\$	(634,754)	\$	- \$	787,073 \$	;	1,837,464,385		
Capitalized spare parts		7,945,553		-		(205,713)		-	-		7,739,840		
Construction in progress Advances and materials		27,111,684		-		-		-	(102,396)		27,009,288		
for construction	_	16,298,246		-			_		(684,677)		15,613,569		
Subtotal		1,884,901,872		3,765,677		(840,467)		-	-		1,887,827,082		
Accumulated depreciation		(640,938,909)		-		427,896		(10,717,774)	-		(651,228,787)		
Impairment	-	(40,148,837)		-			-			_	(40,148,837)		
Total	\$	1,203,814,126	\$	3,765,677	\$	(412,571)	\$	(10,717,774) \$	- \$	;	1,196,449,458		

						Plants	fac	cilities and equ	ıqiı	ment, net				
		cember 2019		Additions	_	Retirements		Depreciation for the period	_	Power plants transfer	_	Capitalization		December 2020
Plants, facilities and equipment in operation	\$ 2,146	5,097,218	\$	31,676,062	\$	(7,183,158)	\$	-	\$	(337,043,733)	\$	-	\$	1,833,546,389
Capitalized spare parts Construction in	7	7,451,766		-		-		-		-		493,787		7,945,553
progress Advances and materials for	26	5,130,582		981,102		-		-		-		-		27,111,684
construction	11	,310,744	_	5,481,289				-			_	(493,787)	_	16,298,246
Subtotal Accumulated	2,190	,990,310		38,138,453		(7,183,158)		-		(337,043,733)		-		1,884,901,872
depreciation	(896,	,064,974)		-		1,982,812		(40,427,624)		293,570,877		-		(640,938,909)
Impairment	(83,	,621,693)	_	-				-		43,472,856	-		_	(40,148,837)
Total	\$ <u>1,211</u>	,303,643	\$_	38,138,453	\$	(5,200,346)	\$	(40,427,624)	\$		\$	-	\$	1,203,814,126

During the 2020 financial year, an analysis of the 159 generation plants was carried out, considering impairment indicators resulting from the new economic scenario determined by the COVID 19 pandemic, taking into account the "Assessment to determine the fair value of long-lived assets of the generation plants of Comisión Federal de Electricidad" as of December 31, 2019. The mentioned analysis concluded that there is no impairment.

Based on IFRS 13, the fair value measurement of the assets is classified as a Level 3 input within the fair value hierarchy.

As of March 31, 2021, the useful lives of the plants with modern technology are as follows:

Power stations	Estimated useful life
	userur ine
Combined cycle (with natural gas), thermoelectric	
plants, turbo gas and internal combustion	30 years
Coal-Fired	40 years
Geothermal	30 years
Nuclear power	60 years
Hydroelectric	80 years
Wind and solar	25 years

**Construction in progress -** the construction in progress balances as of March 31, 2021 and December 31, 2020 are as follows:

Plant:	_	2021		2020
Steam	\$	115,662	\$	109,140
Hydroelectric	•	1,121,030	7	1,125,574
Nuclear power		199,590		199,588
Turbo gas and combined cycle		12,783,840		12,696,856
Geothermal		171,019		171,019
Internal combustion		1,157		-
Transmission lines, networks and substations		11,327,323		11,484,393
Offices and general facilities	_	1,289,667		1,325,114
Total	\$_	27,009,288	\$	27,111,684

#### Fair value measurement

# i. Fair value hierarchy

The fair value of plants, facilities and equipment in operation was determined by independent external appraisers with a recognized professional capacity and experience in terms of the property, plant and equipment that underwent the appraisal.

# ii. Valuation technique and relevant unobservable inputs

The following table shows the valuation technique used to measure the fair value of investment properties, as well as the significant unobservable inputs used.

Valuation technique	Significant unobservable inputs	Interrelationship between the key unobservable inputs and the measurement of fair value
Discounted cash flows: The valuation model considers the present value of the net cash flows expected to be generated by the plants, facilities and equipment, considering the expected income growth rate.  Net expected cash flows are discounted using risk-adjusted discount rates.	Useful life of the assets (30-60 years)	The estimated fair value would increase (decrease) if:  - Income growth was higher (lower) - The useful life was higher (lower) - The risk-adjusted discount rate was lower (higher)

CFE conducts impairment tests on the value of its long-term assets if circumstances indicate that the assets might be impaired.

The impairment analysis for long-lived assets requires the Company to estimate the recoverable amount of its assets, which is the greater of its fair value (minus any disposal costs) and its value in use.

# 9. Right-of-use asset

#### **Lease**

The net balances of right-of-use assets as of March 31, 2021 and December 31, 2020 are as follows:

		December, 2020	_	Additions		Effect from translation	Depreciation for the year	. <u>.</u>	March, 2021
Property	\$	754,325	\$	10,057	\$	767	\$ -	\$	765,149
Infrastructure		154,346,338		4,545,367		-	-		158,891,705
Vehicles		4,173,989		-		-	-		4,173,989
Gas pipelines		446,162,786	_			3,332,715	-		449,495,501
Subtotal	\$	605,437,438	-	4,555,424		3,333,482	<u> </u>		613,326,344
Property		(526,889)		-		(394)	(22,372)		(549,655)
Infrastructure		(57,125,614)		-		-	(2,044,785)		(59,170,399)
Vehicles		(810,196)		-		-	(257,125)		(1,067,321)
Gas pipelines		(69,262,841)	_	-		(542,362)	(4,258,964)		(74,064,167)
Total depreciation	•	(127,725,540)	_	<u>-</u>		(542,362)	(6,583,246)		(134,851,542)
	\$	477,711,898	_	4,555,424	_	2,790,726	(6,583,246)		478,474,802
	-		_		-			-	

	December 2019	_	Additions		Effect from translation	Depreciation for the year	December 2020
Property	\$ 609,409	\$	143,626	\$	1,290	\$ -	\$ 754,325
Infrastructure	135,167,183		19,179,155		-	-	154,346,338
Vehicles	-		4,173,989		-	-	4,173,989
Gas pipelines	440,556,611	_		_	5,606,175	-	446,162,786
Subtotal	\$ 576,333,203	_	23,496,770	-	5,607,465	-	605,437,438
Property	(431,575)		-		(717)	(94,597)	(526,889)
Infrastructure	(49,862,201)		-		-	(7,263,413)	(57,125,614)
Vehicles			-		-	(810,196)	(810,196)
Gas pipelines	(51,663,006)	_	-	_	(708,505)	(16,891,330)	(69,262,841)
Total depreciation	(101,956,782)	_	-	-	(709,222)	(25,059,536)	(127,725,540)
	\$ 474,376,421	_	23,496,770	_	4,898,243	(25,059,536)	477,711,898

# 10. Intangibles assets and other assets

An analysis of intangibles and other assets as of March 31, 2021 and December 31, 2020 is as follows:

	 2021	2020
Rights of way (1)	\$ 32,001,381 \$	32,004,933
Deposits and advances	 21,116,537	18,871,233
Total	\$ 53,117,918 \$	50,876,166

<sup>(1)</sup> Includes rights of way in the amount of \$24,064,610 that are part of the assets contributed by the Federal Government to the Company through INDAABIN.

The Company has right-of-way assets, which represents a legal right-of-way for the Company to access and inspect transmission lines by air or underground in order to verify the continued transmission of electricity over the power lines.

#### 11. Derivative financial instruments

#### a. Accounting classifications and fair values

CFE is exposed to interest rate and foreign currency translation risks which it tries to mitigate through a hedging program that includes using derivative financial instruments. The Company mainly uses foreign exchange "Cross Currency Swaps" and "Forwards" to mitigate its foreign currency risk. To reduce its interest rate risk exposure, the Company uses interest rate swaps.

In addition, for the three-month period ended March 31, 2021 and December 31, 2020, the derivative financial instruments have been designated and qualify mainly as cash flow hedges since they are referenced to the contracted debt. The effective portion of gains or losses on cash flow derivatives is recognized in equity under the concept of "Effects on the fair value of derivatives", and the ineffective portion is charged to profit or loss of the period.

The fair value of the Company's financial instrument position as of March 31, 2021 and December 31, 2020 amounted to \$18,039,393 and \$14,623,283, respectively.

#### **Derivative Financial Instruments Held for Trading**

As of March 31, 2021 and December 31, 2020, CFE had derivatives designated as held for trading whose fair value represented a liability of \$642,324 and \$628,155, respectively.

This transaction consists of a series of currency forwards that allow the Company to lock in a JPY/USD exchange rate of 54.0157 JPY per USD over the established term of the transaction.

As part of this transaction, CFE pays annual interest in U.S. dollars at a rate of 8.42%. These instruments have not been designated as hedges as required by the financial reporting standard, consequently, the valuation effect of these instruments is recognized in financial cost; a gain (loss) in said value offsets a loss (gain) in the underlying liability. In addition to the series of forwards, the derivative instrument includes two options: a long European call option through which CFE has the right to purchase Japanese yens upon maturity in the spot market in case the yen/dollar exchange rate is quoted below 118.75 yens per dollar, and a short European call option through which CFE is required to sell dollars at the yen/dollar exchange rate of 27.80, if the prevailing exchange rate at the settlement date exceeds this level.

The Company suspends cash flow hedge accounting when the derivative expires, is not effective enough to offset the changes in the fair value or cash flows of the hedged item, or when the Company decides to cancel the hedging designation. The gains or losses recognized in other comprehensive income and accumulated in Equity, remain in Equity and are recognized when the forecast transaction is ultimately recognized in profit or loss.

If CFE decides to cancel this economic hedge (currency forwards on the yen/dollar exchange rate), it would give rise to an estimated extraordinary loss as of March 31, 2021 and December 31, 2020 as follows:

Instrument	Underlying	Maturity	2020	2019
FWD JPY/USD	Exchange rate and interest rate	2036	\$ (642,324) \$	(628,155)
		Total :	\$ (624,324) \$	(628,155)

# **Hedging instruments**

As of March 31, 2021 and December 31, 2020, CFE maintains its hedging derivative position on exchange rates and interest rates, as shown in the following page.

Instrument	Underlying	Type of hedge	Maturity	Primary position (lines/bonds)	Hedge ratio	Fair value March 30, 2021	Fair value December 31, 2020
ccs	Exchange rate and interest rate	Cash flow	2021	1100000074 to 76	100%	50,174	252,232
ccs	Exchange rate and interest rate	Cash flow	2022	1100000077 to 79	100%	21,999	30,475
ccs	Exchange rate and interest rate	Cash flow	2023	1100000080	100%	1,264,872	687,163
ccs	Exchange rate and interest rate	Cash flow	2024	1100002956	100%	3,503,474	2,516,291
ccs	Exchange rate and interest rate	Cash flow	2027	1100003606	100%	3,478,777	2,849,573
ccs	Exchange rate and interest rate	Cash flow	2032	1200002801	100%	841,806	(51,017)
ccs	Exchange rate and interest rate	Cash flow	2036	1200000551 Pidiregas line	100%	2,597,316	1,766,260
ccs	Exchange rate and interest rate	Cash flow	2042	Bond 2042	55.3%	322,917	1,265,139
ccs	Exchange rate and interest rate	Cash flow	2047	Formosa 1 Bond	100%	1,213,876	491,167
ccs	Exchange rate and interest rate	Cash flow	2048	Formosa 2 Bond	100%	1,685,183	889,111
Participating Swap	Exchange rate and interest rate	Cash flow	2027	Bond 2027	100%	137,499	(26,630)
ccs	Exchange rate and interest rate	ccs	2045	Bond 2045	67%	2,423,383	4,726,404
ccs	Exchange rate and interest rate	ccs	2030	Formosa 4 Bond	33%	291,744	(199,638)
ccs	Exchange rate and interest rate	ccs	2029	Formosa 3 Bond	30%	1,174,474	175,717
Forwards	Exchange rate	Cash flow	Less than one year	Sale of energy	100%	1,040	1,612
IRS	Interest rate	Cash flow	2023	Mizuho line	100%	(330,598)	(126,201)
ccs	Exchange Rate/commodities	Cash flow	2022	Sale of energy	100%	3,908.	3,780
			Subtotal			18,681,844	15,251,439
ccs	Exchange rate JPY/USD	Trading		Line of credit in yens	N/A	(642,324)	(628,155)
		Total in the	ousands of	Mexican pesos	\$	18,039,520	14,623,283

The table above includes the Mark to Market of the hedging derivatives. As of March 31, 2021 and December 31, 2020 the total Mark to Market value of the hedging and trading derivatives amounts to \$18,039,520 and \$14,623,283, respectively, based on their carrying amount.

The results of the effectiveness tests for these hedging instruments showed that the relationships are highly effective, and the amount of ineffectiveness is minimal.

Fair value (Mark to Market - MTM) is determined using valuation techniques at present value to discount future cash flows, which are estimated using observable market data. The carrying amount of OCI includes the fair value (mark to market), and the reclassifications to profit and loss correspond to accrued interest and currency hedging (gain or loss).

#### b. Fair value measurement

The valuation techniques for estimating the fair value of derivative instruments are described in the accounting policy mentioned above, depending on the derivative instrument for which the fair value is estimated. CFE uses the corresponding technique to estimate such value.

#### Adjustment of fair value or Mark to Market by credit risk

To reflect counterparty risk, the valuation is adjusted based on the probability of default and recovery rate with the counterparties of the derivative positions.

The net fair value of derivative financial instruments (Mark-To-Market) effective as of March 31, 2021, before considering credit risk, amounts to \$18,989,341, which is included in the balance sheet and represents the amount in favor of the Company with the counterparties.

The net fair value of derivative financial instruments (Mark-To-Market) effective as of December 31, 2020, before considering credit risk, amounts to \$15,405,924, which is included in the balance sheet and represents the amount in favor of the Company with the counterparties.

CFE applies a Credit valuation adjustment (CVA) to reflect the creditworthiness of the counterparty of the derivative financial instrument. The CVA is the market value of the counterparty credit risk and reflects the estimated fair value of the hedging required to cover the counterparty credit risk included in such instruments.

#### Method for adjusting Fair Value

This method was approved by the Interinstitutional Delegate Committee for Financial Risk Management associated to the financial position and price of fossil fuels (CDIGR), as the methodology for adjusting derivative financial instruments to fair value.

As of March 31, 2021, fair values adjustments based on the CVA (Credit Valuation Adjustment) are shown below:

Counterparty		Fair value MTM subject to CVA	_	Adjusted fair value MTM	_	Adjustment as of March 31, 2021
Goldman Sachs	\$	4,104,707	\$	3,853,372	\$	251,336
Morgan Stanley		3,211,677		3,038,425		172,823
CitiBanamex		2,902,737		2,758,989		144,304
Barclays Bank		2,337,263		2,231,178		106,085
Deutsche Bank		2,316,365		2,207,222		109,143
Santander		1,299,145		1,255,990		43,155
BBVA Bancomer		1,093,912		1,054,646		39,266
JP Morgan		911,293		873,802		37,491
BNP Paribas		762,973		738,685		24,288
Credit Suisse		149,889		140,669		9,220
Bank of Tokio		1,123		1,040		83
JP Morgan	_	(101,742)	_	(114,498)	_	12,755
	\$_	18,989,341	\$_	18,039,520	\$_	949,948

As of December 31, 2020, the adjustments to fair values based on the CVA (Credit Valuation Adjustment) are shown below:

Counterparty		Fair value MTM subject to CVA	Adjusted fair value MTM	Adjustment as of December 31, 2020
Goldman Sachs	\$	3,698,632	\$ 3,517,345	\$ 181,287
Morgan Stanley		3,621,385	3,765,007	(143,622)
CitiBanamex		2,744,620	2,615,564	129,055
Barclays Bank		1,862,208	1,776,367	85,841
Deutsche Bank		1,188,547	1,087,073	101,474
Santander		785,382	757,233	28,149
BBVA Bancomer		660,108	470,653	189,455
JP Morgan		472,088	459,048	13,040
BNP Paribas		334,803	135,810	198,993
Credit Suisse		97,326	93,364	3,961
Bank of Tokio		1,709	1,612	97
JP Morgan	_	(60,884)	(55,793)	(5,091)
	\$_	15,405,924	\$ 14,623,283	\$ 782,641

# Fair Value hierarchy or Mark-to-Market

To increase consistency and comparability in fair value measurements and related disclosures, IFRS sets out a fair value hierarchy that categorizes into three levels the inputs used in valuation techniques. This hierarchy gives the highest priority to (unadjusted) quoted prices in active markets for assets and liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The availability of relevant inputs and their relative subjectivity might affect the selection of appropriate valuation techniques. However, the fair value hierarchy prioritizes the inputs to valuation techniques.

#### **Level 2 inputs**

As explained above, based on the terms of the ISDA contracts, the counterparties or banking institutions are the valuation agents, and they calculate and send the Mark-to-Market information monthly.

Therefore, the hierarchy level of the Company's Mark-to-Market for derivative financial instruments as of March 31, 2021 is level 2 due to the following:

- 1) Inputs are other than quoted prices and include inputs within Level 1 that are observable, either directly or indirectly.
- 2) Quoted prices for similar assets or liabilities in active markets.
- 3) Inputs other than quoted prices that are observable for the assets or liabilities.

#### c. Financial risk management

CFE has exposure to the following risks arising from financial instruments:

- Credit risk
- · Liquidity risk
- Market risk

#### Credit risk

Credit risk is the risk of financial loss to the Company if a counterparty to a financial instrument fails to meet its contractual obligations. To mitigate its credit risk, the Company's policy is to maintain a significant portion of its positions with investment grade counterparties and substantially limit its positions with below investment grade counterparties.

To manage credit risk, the Company monitors the credit rating and the probability of default of the counterparty, which is applied to the market value of the derivative.

The carrying amount of the derivative financial assets represents the maximum exposure to credit risk. As of March 31, 2021 and December 31, 2020, this amounted to \$18,989,341 and \$15,405,924, respectively.

#### Liquidity risk

The liquidity risk associated with financial derivative instruments is the risk that CFE may encounter difficulties in meeting the financial obligations arising from these instruments.

To manage credit risk, the Company monitors the market value of the derivative and the use by the operating lines (threshold).

Exposure to liquidity risk for holding derivative financial instruments arises from the carrying amount of the financial liabilities corresponding to these instruments. As of March 31, 2021 and December 31, 2020, \$1,326,628 and \$2,371,029, respectively.

#### Market risk

The market risk associated with derivative financial instruments is the risk that the changes in market prices, such as exchange rates and interest rates, will affect CFE's income for holding derivative financial instruments.

CFE uses derivative financial instruments to manage market risk, generally seeking access to hedge accounting to control or immunize the volatility that could arise in the results.

# a) Currency exchange risk

63.90% of CFE's debt is denominated in foreign currency, mainly in US dollars, whereas most of CFE's assets and revenues are denominated in pesos. As a result, CFE is exposed to devaluation risks of the peso against the dollar. In conformity with its risk management policy, CFE has contracted currency swaps to reduce the impact of currency fluctuations. The effect of this instrument is to replace the obligation to pay fixed interest rates in dollars for an obligation to pay a fixed rate in pesos. As of March 31, 2021 and December 31, 2020, CFE maintains foreign exchange swaps to hedge its foreign currency debt of \$136,705 and \$137,271 million pesos, respectively.

To hedge the exchange risks of the \$32 billion debt in yens, CFE uses a series of exchange rate forwards under which it purchases Japanese yens. The market value of this transaction as of March 31, 2021 and December 31, 2020 was \$642,324 and \$628,155, respectively. These derivative instruments were not designated as hedges.

# Sensitivity analysis of the effect on exchange rates

A possible and reasonable strengthening (weakening) of the MXN/USD and JPY/USD exchange rate as of March 31, 2021 would have affected the fair value of the total position of the derivative financial instruments in foreign currency, and thus, profit and loss of the period and other comprehensive income (since some of them are designated as hedges), as shown in the following table.

March 31, 2021	Instrument	+100 pips	-100 pips
	Cross Currency JPY/USD FWD	\$ 66,346 2,694 1	\$ (66,346) (2,694) (1)
	Total	\$ 69,041	\$ (69,041)

This analysis assumes that all other variables, in particular interest rates, remain constant (amounts in thousands of pesos).

#### b) Interest rate risk

26.7% of CFE's debt bears interest at variable interest rates, which are determined by reference to the TIIE rate for debt denominated in pesos. As of March 31, 2021 the debt expired and as of December 31, 2020, CFE hedged \$5,350 of its variable interest rate debt denominated in pesos.

# Interest rate sensitivity analysis

A potential and reasonable strengthening (weakening) of interest rates as of March 31, 2021 would have affected the fair value of the total position of derivative financial instruments associated with variable interest rates, and thus, profit and loss of the period and other comprehensive income (since some of them are designated as hedges), as shown in the following table:

	+ 100 basis points	- 100 basis points	
Interest rate swaps	\$ 32,751	\$	(32,751)

This analysis assumes that all other variables, in particular interest rates, remain constant.

# 12. Short-term and long-term debt

An analysis of the Company's debt as of March 31, 2021 and December 31, 2020 is as follows:

	_	219	2020
	\$	56,418,102	\$ 39,830,932
PIDIREGAS debt	_	13,716,698	14,325,231
Total short-term debt		70,134,800	54,156,163
Documented debt		248,182,739	191,680,407
PIDIREGAS debt	_	118,032,789	117,712,032
Total long-term debt		366,215,528	309,392,439
Total debt	\$_	436,350,328	\$ 363,548,602

An analysis of the debt by item is as follows:

	Polonia and			Foreign currency	
	Balance as of December			exchange and interest rate	Balance as of
Type of debt	31,2020	Drawdowns	Payments	differences	March 31, 2021
Documented debt	\$ 231,511,339	\$ 67,170,164	\$ (789,749)	\$ 6,709,086	\$ 304,600,840
Pidiregas debt	132,037,263	360,473	( 2,410,811)	1,762,563	131,749,488
Total	\$ 363,548,602	\$ 67,530,637	\$ (3,200,560)	\$ 8,471,649	\$ 436,350,328

			Foreign					
				currency				
	Balance as of			exchange and	Balance as of			
	December 31,			interest rate	December			
Type of debt	2019	Drawdowns	Payments	differences	31,2020			
Bank loan	\$ 565,356	\$ -	\$ (565,356)	\$ -	\$ -			
Documented debt	216,797,009	49,988,166	(37,825,347)	2,551,511	231,511,339			
Pidiregas debt	136,066,385	8,131,513	(13,408,211)	1,247,576	132,037,263			
Total	\$ 353,428,750	\$ 58,119,679	\$ (51,798,914)	\$ 3,799,087	\$ 363,548,602			

#### **Documented debt**

An analysis of drawdowns against loans as of March 31, 2021 and December 31, 2020 is as follows:

# Foreign debt

On March 9, 2021, the Company drew down USD 599.7 million against a revolving syndicated loan of USD 1.26 billion obtained in July 2018, with Mizuho Bank, LTD. as the loan's administrative agent, which bears interest equal to the USD LIBOR plus 0.95% and is repaid in 5 years.

In March 9, 2021, the Company drew down MUSD 2,000, against the external public issuance of fixed rate bonds under Rule 144 A and Regulation S with Deustche Bank Trust Company Americas as the main paying agent, in two tranches:

- 1. The first one identified as "3,348% Notes due 2031" for MUSD 1,200, a fixed rate of 3,348% and payable in February 2031, intended to finance activities established by the Comisión Federal de Electricidad Law, as well as for the refinancing of the issuance of bonds maturity date of May 19, 2011 for 1,000 MUSD maturing on May 26, 2021.
- 2. The second identified as "4,677% Notes due 2051" for MUSD 800, a fixed rate of 4,677% and a term of 30 years, destined to finance activities established by the Comisión Federal de Electricidad Law.

In October 2020, the Company drew down MUSD 2.14 against the credit line obtained from BBVA, S.A. Madrid, to finance the purchase of goods and services from Spain, guaranteed by Compañía Española de Seguros de Crédito a la Exportación (the Spanish Export Credit Agency), at a CIRR fixed rate and is repayable in 5 years.

In August 2020, the Company drew down MUSD 4.6 against the credit line obtained from BBVA, S.A. Madrid, to finance the purchase of goods and services from Spain and guaranteed by Compañía Española de Seguros de Crédito a la Exportación (the Spanish Export Credit Agency), at a CIRR fixed rate and is repayable in 5 years.

On May 21, 2020, the Company drew down MUSD 192.1 against its syndicated loan obtained from Banco Santander, S.A. (Spain) as agent bank and guaranteed by the Italian Export Credit Agency SACE Spa, maturity date of December 20, 2019 for an amount of MUSD 400, at a rate of LIBOR 6m USD plus 0.95% and is repayable in 10 years.

On April 30, 2020, the Company drew down MUSD 200.0 against its syndicated loan obtained from Banco Santander, SA (Spain) as agent bank and guaranteed by the Italian Export Credit Agency SACE Spa, dated December 20, 2019 for an amount of MUSD 400, at a LIBOR rate of 6m USD plus 0.95% and is repayable 10 years.

On March 18, 2020, the Company drew down MUSD 1.3 against the credit line obtained from BBVA, S.A. (Madrid), to finance the purchase of goods and services from Spain and guaranteed by Compañía Española de Seguros de Crédito a la Exportación (the Spanish Export Credit Agency), at a CIRR fixed rate and is repayable in 5 years.

On February 19, 2020, the Company drew down MUSD 1.9 against the credit line obtained from BBVA, S.A. (Madrid), to finance the purchases of goods and services from Spain and guaranteed by Compañía Española de Seguros de Crédito a la Exportación (the Spanish Export Credit Agency), at a CIRR fixed rate and is repayable in 5 years.

On January 21, 2020, the Company drew down MUSD 7.9 against its syndicated loan obtained from Banco Santander, SA (Spain) as agent bank and guaranteed by the Italian Export Credit Agency SACE Spa, dated December 20, 2019, for an amount of MUSD 400, at a rate of LIBOR 6m USD plus 0.95% and a 10-year term.

Additionally, to finance various payments for Financed Public Works (OPF) projects, MUSD 900 were placed through the issuance of an international bond, at a fixed rate of 4.05%, which will have its last amortization in 2050.

DOMESTIC DEBIT -				2021		202	0
				National	Foreign	National	Foreign
Foreign debt			Maturates	currency	currency	currency	currency
						\$	
IN US DOLLAR: at the exchange rate of	Bilateral	Fixed and variable - 1.28%	Various through 2030	\$ 9,003,404	437,005	8,835,616	442,917
US dollar of \$20.6025 as of March 2021	Bonds	Fixed and variable - 4.64%	Various through 2051	159,138,779	7,724,246	115,137,512	5,771,680
and \$19.9487 at Dec 2020	Revolving	Fixed and variable - 3.73%	Various through 2025	199,838	9,700	240,640	12,063
	Syndicated	Fixed and variable - 1.23%	2023	24,718,095	1,199,762	11,969,220	600,000
TOTAL US DOLLARS:				193,060,116	9,370,713	136,182,988	6,826,660
IN EUROS: at the exchange rate of Euros of \$24.02662 as of March 2021 and \$24.3563 at Dec 2020	Bilateral	Fixed and variable - 2%	Various through 2024	6,379	266	7,516	309
TOTAL EUROS				6,379	266	7,516	309
IN JAPANESE YENS: at the exchange rate of Japanese Yens of \$0.1849 as of March 2021 and \$0.1929 at Dec 2020	Bond	Fixed - 3.83%	2032	5,916,800	32,000,000	6,171,520	32,000,000
Assets received for financial instruments				(364,962)		(795,864)	
TOTAL JAPANESE YENS:		TOTAL FOREIGN DE	ЗТ	5,551,838 \$ 198,618,333	32,000,000	5,375,656 \$141,566,160	32,000,000

# Reference Interest Rates changes (RFR)

In July 2017, the regulatory institution Financial Conduct Authority announced that the RFR would not be required for banks to operate the London Interbank Offered Rate after 2021.

Interbank offer rates are reference interest rates that can be accessed publicly and periodically. They are a useful reference for all types of financial contracts such as loans, mortgages, account overdrafts, and more complex financial products. Interbank offer rates are calculated by an independent institution to reflect the cost of financing for different markets.

Differences between IBORs and RFRs:

- 1. RFRs are available overnight. On the contrary, IBORs are published for different time frames;
- 2. RFRs are retrospective, as they report the fees paid the day before in the relevant transactions. Rather, IBORs report the rate at which funds are available today for the corresponding term.
- 3. RFRs are designed to be almost risk-free rates. Consequently, they do not incorporate a credit or liquidity premium. Rather, most IBORs are designed to provide an indication of the average rates at which participating banks could obtain unsecured wholesale financing during set periods and incorporate both a credit premium.

The LIBOR rate and the alternative SOFR rate are not equivalent, the LIBOR rate is unsecure and incorporates terms and credit premium, however, with adherence to the LIBOR Fallback protocol, CFE would be covered to such changes for both credits and derivative financial instruments.

#### **Domestic debt**

On March 2, 2021, the Company drew down MMXP \$4,000 against a revolving loan obtained from Banco Santander (México), S.A., maturity in December 21, 2020, at a rate of TIIE 28d plus 0.90% and repaid until 12 months, and renewable every 90 days.

On March 12, 2021, the Company drew down MMXP \$5,000 against a revolving loan obtained from Banco Santander (México), S.A., maturity in December 21, 2020, at a rate of TIIE 28d plus .90% and repaid until 12 months, and renewable every 90 days.

On March 22, 2021, the Company drew down MMXP \$3,000 against a short-term unsecured loan obtained from BBVA Bancomer, S.A. maturity in March 22, 2021, at a rate of TIIE 28d plus 0.95% and repaid in 3 months.

On March 22, 2021, the Company drew down MMXP \$5,000 against a short-term unsecured loan obtained from BBVA Bancomer, S.A. maturity in March 22, 2021, at a rate of TIIE 28d plus 0.95% and repaid in 3 months.

On March 22, 2021, the Company drew down MMXP \$2,500 against a short-term unsecured loan obtained from BBVA Bancomer, S.A. maturity in March 22, 2021, at a rate of TIIE 28d plus 1% and repaid in 6 months.

On November 20, 2020, the Company drew down (MMXP) \$1,500 against a short-term unsecured loan obtained from Banco Nacional de México, S.A. on November 20, 2020, at a rate of TIIE 28d plus 1% and repaid in 6 months.

On November 13, 2020, the Company drew down (MMXP) \$ 5,000 against a short-term unsecured loan obtained from BBVA Bancomer, S.A. matures in November 13, 2020, at a rate of TIIE 28d plus 0.95% and repaid in 3 months.

On October 23, 2020, three issues of Stock Certificates were placed in the national markets for a total of (MMXP) \$10,000.

- 1. CFE 20 for an amount of MMXP \$2,999.89, which bears monthly interest at a variable rate of TIIE 28 days plus 0.80%, maturing in October 2022.
- 2. CFE 20-2 for an amount of MMSP \$3,275.0, which bears semiannual interest at a fixed rate of 8.18% maturing in October 2026.
- 3. CFE 20U for a total of 568,297,900 UDIS, equivalent to MMXP \$ 3,725.1, which bears semi-annual interest at a fixed rate of 4.86% and maturity in October 2028.

On September 15, 2020, the Company drew down MMXP \$1,500 against a credit line obtained from Banco Santander (México), S.A., the line of credit is available for MMXP \$5,000, maturity in March 21, 2018, at a rate of TIIE 28d plus 1.00% and repaid until March 21, 2021.

On May 28, 2020, the Company drew down MMXP \$3,000 against a short-term unsecured loan obtained from BBVA Bancomer, S.A. maturity in May 28, 2020, at a rate of TIIE 28d plus 0.85% and repayable in July 17, 2020.

On March 19, 2020, the Company drew down MMXP \$1,500 against a short-term unsecured loan obtained from HSBC México, S.A. maturity in March 19, 2020, at a rate of TIIE 28d plus 0.20% and repaid in 3 months.

					2021			2020	)
DOMESTIC DEBT	Type of credit	Weighted interest rate	Maturities	. <u> </u>	National currency	Foreign currency (thousands)	. <u> </u>	National currency	Foreign currency (thousands)
NATIONAL CURRENCY	Bank Contracts Stock Market	Fixed and variable – 5.2% Fixed and variable - 7.3%	Mature in 2023 Mature in 2027	\$	28,500,000 51,262,219		\$	14,000,000 51,262,219	
TOTAL PESOS:					79,762,219			65,262,219	
IN UDIS AT THE EXCHANGE RATE UDI of \$6.7487 as of March 2021 and \$6.6055 as of December 2020	Stock Market	Fixed - 4.55%	2032		25,571,317			25,028,722	
TOTAL UDIS					25,571,317			25,028,722	
TOTAL INTERNAL DEBT				\$	105,333,536		\$	90,290,941	
Summary Total foreign debt Total domestic debt Interest payable Unamortized debt expenses				\$	198,618,333 105,333,536 3,073,632 (2,424,661)		\$	141,566,161 90,290,941 2,078,898 (2,424,661)	
Total documented debt				\$_	304,600,840		\$	231,511,338	
Short-term debt Interest payable Total Short-term				\$ _	53,344,469 3,073,632 56,418,101		\$ _	37,752,034 2,078,898 39,830,932	
Long-term debt Unamortized debt expenses Total long-term				_	250,607,400 (2,424,661) 248,182,739		_	194,105,068 (2,424,661) 191,680,407	
Total debt				\$	304,600,840		\$	231,511,338	

As of March 31, 2021 the short and long term liability for documented debt matures as follows:

Year		Amount
2021	\$	56,418,102
2022		5,165,560
2023		35,901,671
2024		27,581,592
2025		22,763,681
2026		5,037,726
2027		41,220,947
Subsequent years	_	110,511,561
Total	\$	304,600,840

# i) Debt on long-term productive infrastructure projects (PIDIREGAS, Spanish acronym)

An analysis of the balances and maturities of the PIDIREGAS (direct investment) debt and capital lease liabilities as of March 31, 2021 and December 31, 2020 is as follows:

				Balances as of	March 31,2021			В	alances as of De	cember 31, 202	0
	- II.	Contract		(Thousand	s of units)				(Thousand	s of units)	
(	Credit value	term	National	currency	Foreign	currency	•	National	currency	Foreign o	urrency
			Short term	Long term	Short term	Long term	•	Short term	Long term	Short term	Long term
Foreign	debt	_									
27	millions of dollars	2026	\$ 93,232	466,159	4,525	22,626	\$	90,273	451,366	4,525	22,626
225	millions of dollars	2029	562,720	4,069,819	27,313	197,540		544,862	4,213,099	27,313	211,197
311	millions of dollars	2032	1,241,100	5,169,639	60,240	250,923		1,201,715	5,005,586	60,240	250,923
736	millions of dollars	2036	905,508	14,256,663	43,951	691,987		876,773	13,804,242	43,951	691,987
51	millions of dollars	2039	-	1,056,599	-	51,285		-	1,023,069	-	51,285
589	millions of dollars	2047	1,021,875	11,106,224	49,600	539,072		992,572	10,835,038	49,756	543,145
1,119	millions of dollars	2048	943,222	22,111,560	45,782	1,073,246		913,290	21,858,792	45,783	1,095,750
776	millions of dollars	2049	613,690	15,384,036	29,788	746,708		579,097	14,513,291	29,030	727,531
Total for	eign debt		\$ 5,381,347	73,620,699	261,199	3,573,387	\$	5,198,582	71,704,483	260,598	3,594,444
Domesti	c debt										
-		2021	\$ -	-			\$	743	-		
678	millions of pesos	2022	478,145	199,799				480,779	239,072		
41	millions of pesos	2023	27,223	13,905				27,223	13,905		
1,945	millions of pesos	2024	555,744	1,389,360				549,939	1,649,816		
416	millions of pesos	2025	193,308	223,086				193,308	242,664		
18,767	millions of pesos	2026	3,420,407	15,346,490				3,437,984	15,772,852		
4,169	millions of pesos	2028	521,408	3,647,423				517,349	3,832,040		
14,046	millions of pesos	2033	1,431,659	12,614,483				1,421,770	13,049,999		
1,339	millions of pesos	2036	83,664	1,254,966				83,664	1,254,966		
10,401	millions of pesos	2042	687,403	9,713,757				686,054	9,943,414		
			7,398,961	44,403,269				7,398,813	45,998,728		
Interest p	payable		936,391					1,727,836			
CEBURE	S			8,821					8,821		
Total PII	DIREGAS debt		\$ 13,716,699	118,032,789			\$	14,325,231	117,712,032		

As of March 31, 2021 and December 31, 2020, minimum payment commitments on PIDIREGAS are as follows:

	_	2021	_	2011
PIDIREGAS	\$	186,746,294	\$	187,346,203
less:				
Unaccrued interest		55,942,018	-	57,045,596
Present value of obligations		130,804,276		130,300,607
less:				
Current portion of obligations	_	12,780,308	-	12,597,396
Long-term portion of PIDIREGAS		118,023,968		117,703,211
CEBURES	_	8,821	_	8,821
Total CEBURES and PIDIREGAS	\$	118,032,789	\$	117,712,032

# 13. Lease liabilities

An analysis of lease liabilities as of March 31, 2021 and December 31, 2020 is as follows:

	_	2021	 2020
January 1st	\$	608,968,308	\$ 567,913,231
Additions		4,555,091	23,494,256
Interest		6,563,501	29,805,178
Payments		(10,534,155)	(46,105,694)
Foreign currency translation reserve	-	15,012,985	 33,648,170
Total liabilities		624,565,730	608,755,141
Less portion of short-term liabilities	_	22,847,544	 20,669,039
Total long-term liabilities	\$_	601,718,186	\$ 588,086,102

Lease payments as of March 31, 2021 and December 31, 2020 are, as follows:

	_	2021	2020
Less than one year	\$	22,847,544	\$ 20,669,039
More than 1 year and less than 3 years		27,119,550	25,670,320
More than 3 years and less than 5 years		29,698,518	28,050,449
More than 5 years		544,900,118	534,365,333
Total lease liabilities	\$_	624,565,730	\$ 608,755,141

# 14. Other accounts payable and accrued liabilities

Other accounts payable and accrued liabilities as of March 31, 2021 and December 31, 2020 is as follows:

	 2021	2020
Suppliers and contractors	\$ 41,216,119	36,324,045
Employees	2,220,060	5,163,190
Deposits from users and contractors	30,953,830	30,698,012
Other taxes and duties	3,312,570	3,317,693
Other liabilities	4,118,374	8,090,670
Value added tax	 6,048,234	7,782,636
Total	\$ 87,869,187	91,376,246

# 15. Other long-term liabilities

An analysis of other long-term liabilities as of March 31, 2021 and December 31, 2020 is as follows:

	 2021	2020
Third-party contributions	\$ 12,847,582	9,305,198
Decommissioning provision	14,533,432	14,464,691
Other provisions	 1,838,445	1,838,445
Total	\$ 29,219,459	25,608,334

### 16. Employee benefits

CFE has employee benefits plans for employee terminations and retirements due to causes other than a restructuring event. The retirement benefits plan considers the number of years of service completed by the employee and the employee's compensation at the retirement date. The retirement benefits plan includes the seniority bonus that employees are entitled to receive upon termination of the employment relationship, as well as other defined benefits.

The actuarial valuations of the plan assets and the present value of the defined benefit obligation were performed by independent actuaries using the projected unit credit method.

### 17. Contingencies and Commitments

# **Contingencies**

CFE is party to several lawsuits and claims filed against it in the normal course of its business. The amounts of such lawsuits are deemed immaterial with respect to the Company's current financial position and its expected financial performance in the following years.

#### Commitments

# a. Natural gas supply contracts

The Company has entered into contracts for services related to the reception, storage, transportation, regasification and supply of liquefied natural gas. The contractual commitments consist of acquiring, during the supply period, daily base amounts of natural gas as set forth in the respective contracts.

# b. Financed public work contracts

As of March 31, 2021, CFE has entered into several financed public work contracts and the payment commitments will begin on the dates on which the private investors complete the construction of each of the investment projects and deliver the related assets to CFE for their operation. The estimated amounts of such financed public work contracts and the estimated dates of construction completion and startup of operations are as follows:

#### Transmission lines and substations:

Capa	acity	Estimated amount of the contract expressed in millions of:			
Kmc	MVA	Dollars	Pesos		
226.89	1,402.51	163.32	3,364.9		

### Generation:

	Estimated amount of the contract expressed in millions of:				
MVA capacity	Dollars Pesos				
1,528.63	1,463.23	30,146.2			

### Renovation and/or modernization:

Estimated amount of the contra	act expressed in millions of:
Dollars	Pesos
380.0	7,828.7

These projects are registered under the PIDIREGAS scheme (long-term productive infrastructure projects).

#### c. Trusts

- 1 Scope of action
  - 1.1. CFE currently participates as Trustor or Beneficiary in 10 (ten) Trust Funds, of which two (two) are in the process of termination.
  - 1.2. In conformity with its purpose and operating characteristics, the trust funds can be classified in the following groups:

- a. Energy saving
- b. Prior expenses
- c. Construction Works contract management
- d. Indirect participation trust funds

# a. Energy saving

Trust funds to promote energy saving programs.

	Role of CFE			
Trust fund	Trustor	Trustee	Trust Beneficiary	
Trust Fund for Energy Savings (FIDE), created on August 14, 1990	Creation of Trust: Confederación de Cámaras Industriales (CONCAMIN), Cámara Nacional de la Industria de Transformación (CANACINTRA), Cámara Nacional de Manufacturas Eléctricas (CANAME), Cámara Nacional de la Industria de la Construcción (CNIC), Cámara Nacional de Empresas de Consultoría (CNEC) and Sindicato Único de Trabajadores Electricistas de la República (SUTERM)	Nacional Financiera, S.N.C.	<ul> <li>a. Electric energy consumers who are beneficiaries of the services rendered by the Trust fund.</li> <li>b. CFE, only for the materials that will form part of the public energy services infrastructure.</li> </ul>	
Mexicali Housing Thermal Isolation Trust (FIPATERM), created on October 19, 1990	CFE	Banco Nacional de Obras y Servicios Públicos, S.N.C.	CFE	

As of March 31, 2021 and December 31, 2020, the Housing Thermal Isolation Program (FIPATERM) Trust has assets in the amount of \$1,716,662 and \$1,698,691 and liabilities of \$99,052 and \$87,886, respectively.

# b. Prior expenses

Those created for financing and covering expenses prior to the execution of projects, which are subsequently recovered and charged to the entity that incurred in such expense to comply with the regulations applicable to the type of project.

Trust fund		Type of project			
Trust fund	Trustor	Trust Beneficiary	Trustee	Type of project	
CPTT prepaid expense management, created on August 11, 2003	CFE	CFE	Banco Nacional de Comercio Exterior, S.N.C.	Direct investment	
Management and transfer of ownership 2030, created on March 30, 2000	CFE	Primary beneficiary: Contract winners Second beneficiary: CFE	Banobras, S.N.C.	Conditioned investment	

As of March 31, 2021 and December 31, 2020, the Administration of Prior Expenses Trust has assets in the amount of \$3,475,843 and \$3,475,099, and liabilities of \$3,151,917 and \$3,145,618, respectively.

As of March 31, 2021 and December 31, 2020, the Administration and Transfer of Ownership Trust 2030 has assets in the amount of \$502,980 and \$498,360, respectively.

### c. Construction Works contract management

At the beginning of the '90s, the Federal Government implemented several off-budget schemes to continue investing in infrastructure projects. The schemes were designed under two modalities:

- Turnkey Projects (1990)
- Building, Leasing and Transferring Projects (1996)

Turnkey Projects. - Under this scheme, works were carried out for the construction of power generation plants and installation of transmission lines, through an irrevocable management and transfer of ownership trust, linked to a lease agreement. Under this modality, the trustee is responsible for the following:

Contracting credits, managing the trust property (assets), receiving the lease payments from CFE, and transferring the asset at no cost to CFE after the leases have been paid in an amount sufficient to pay the contracted credits.

CFE participates in the payment of the leases to the trustee, based on the credits contracted by the trust, instructing the trustee to pay the contractors receiving, in exchange, invoices approved by the construction area, payment of taxes and other charges, including trustee fees.

The trusts for managing and transferring ownership were carried out in accordance with the Guidelines for the performance of thermoelectric projects with off-budget funds, as well as with the Guidelines for the performance of transmission lines and substations with off-budget funds issued by the Ministry of Public Administration (formerly known as the Ministry of Comptrollership and Administrative Development).

The Trust shown below has completed its payment commitments; therefore, it is in process of termination by the General Counsel.

Trust fund	Role	Trustee	
Trust fund Trustor			Trust Beneficiary
Topolobampo II (Electrolyser, S. A. de C. V.), created on November 14, 1991	Bufete Industrial Construcciones, S. A. de C. V. and Electrolyser, S. A. de C. V., with respect to its contribution to the Trust	Primary beneficiary: Electrolyser, S. A. de C. V., with respect to its contribution to the Trust and Second beneficiary: CFE	Santander, S. A.

Building, Leasing and Transferring Projects ("CAT", Spanish acronym). - The transition stage to carry out the CAT trusts began in 1996, whereby the trustee manages the trust property (assets) and transfers it to CFE after the lease payments have been covered. Credits are contracted directly with a consortium that is a special purpose entity, for which there is an irrevocable management and transfer of ownership trust contract.

In these types of trusts, CFE participates in making the lease payments based on quarterly amortization tables presented by the consortiums in their bids. Most of these tables include forty quarterly payments.

The only project under this mode that has settled its financial obligations and is in the process of termination is the CC Samalayuca II project; therefore, it is in the process of being terminated by the Office of the General Counsel.

Truct fund	Trust fund Role of CFE		
Trust fund	Trustor	Trust Beneficiary	Trustee
C.T. Samalayuca II, created on May 2, 1996	Compañía Samalayuca II, S.A. de C.V.	Primary beneficiary: The foreign bank that is the common representative of the creditors; Second beneficiary: Compañía Samalayuca II, S.A. de C.V. Third beneficiary: CFE	Banco Nacional de México, S. A.

As of March 31, 2020 and December 31, 2020, CFE has fixed assets amounting to \$21,995,856 and \$21,995,856, respectively, related to the CAT trusts referred to above.

Coal Terminal of the Thermoelectric Power Station Presidente Plutarco Elias Calles.

Trust fund	Role of C	Tructoo		
Trust furid	Trustor Trust Beneficiary		Trustee	
Coal Terminal of the				
Thermoelectric Power	Techint, S. A., Grupo	Primary beneficiary:		
Station Presidente	Mexicano de Desarrollo, S.A.	Carbonser, S.A. de	Banco Nacional de	
Plutarco Elias Calles	de C.V. and Techint	C.V	México, S. A.	
(Petacalco) was	Compagnia Tecnica	Second beneficiary:	(Banamex)	
created on November	Internazionale S.P.A.	CFE	,	
22, 1996				

The irrevocable management, guarantee, and transfer of ownership trust agreement number 968001 was entered into 1996, which, among other considerations, sets forth that the trustee will enter into a service contract with CFE.

Upon the entry into force of the coal management service contract between CFE and Banco Nacional de México, S. A. (Banamex) as trustee of the Petacalco Trust, comprised of Techint Compagnia Tecnica Internazionale S.P.A., Grupo Mexicano de Desarrollo, S. A. de C. V., and Techint, S. A. that was entered into on November 22, 1996, in accordance with clause 8.1, CFE will pay the invoice amounts related to the fixed charge for capacity.

Facility Fixed charge for capacity for Jan-Mar 2021		Fixed charge for capacity for Jan-Dec 2020		
Petacalco Coal	\$32,219	\$135,252		

### d. Indirect participation trust funds

Additionally, CFE maintains an indirect relationship since it is not a Trustor, but it participates as a beneficiary in two guarantee and loan payment Trusts, created by Financial Institutions as Trustors and Trust Beneficiaries for the issue of securities linked to credits granted to CFE. CFE is named as Second Beneficiary of the Trust, due to the specific possibility that it may acquire some of the certificates issued and it maintains representation in its Technical Committees in conformity with the contractual provisions. (See note 11).

CFE is required to reimburse to the Trust in the terms of the Indemnity Contract that forms part of the Trust Contract, the expenses incurred by the Trust for the issue of securities and their management.

Trust fund	Role	Trustee	
Trust fullu	Trustor	Trust Beneficiary	Trustee
Trust No. 232246 created on November 3, 2006  Banco Nacional de Mexico, S.A., a member entity of Grupo Financiero Banamex		Primary beneficiary: Each of the preferred holders of each issue. Second beneficiary: CFE	HSBC México, S.A., Grupo Financiero HSBC
Trust No. 411 created on August 6, 2009  Banco Nacional de Mexico, S.A., a member entity of Grupo Financiero Banamex		Primary beneficiary: Each of the preferred holders of each issue. Second beneficiary: CFE	Banamex

As of March 31, 2021 and December 31, 2020, available funds in trust No. 232246 amount to \$8,821.

### 2 Legal nature

- 2.1 In conformity with the Federal Public Administration Act, none of the trusts are considered Public Trusts with the status of an "entity", pursuant to the following:
  - a. In six of the Trusts. CFE is not a Trustor in their creation.
  - b. The four remaining trusts do not have an organic structure similar to the state-owned entities that comprise them as "entities" in terms of the Law.
- 2.2 The SHCP has maintained a record for purposes of the Federal Budget and Financial Responsibility Law, of 4 (four) of the Trusts, due to the allocation of federal funds or the contribution of land owned by CFE where the works will be carried out.

	Registration of Trusts with SHCP				
No.	No. Trusts Record				Record
1	Mexicali Housing (FIPATERM)	Thermal	Isolation	Trust	700018TOQ058
2	Prior Expense Trust				200318TOQ01345

	Registration of Trusts with SHCP				
No.	Trusts	Record			
3	Trust Management and Transfer of Ownership 2030	200318TOQ01050			
4	Trust for Power Savings (FIDE)	700018TOQ149			

# 18. Segment information

# Information regarding the operating segments

The information presented to the Board of Directors to obtain budget and investment approval and measure compliance with the business objectives set out by the Board is condensed consolidated financial information and not for each operating activity of the Company.

### Information by type of service

REVENUE	_	March 31, 2021		March 31, 2020
Domestic services Commercial services Services Agricultural services Industrial services	\$	18,939,130 10,304,260 3,200,351 1,916,781 49,658,519	\$	17,841,406 11,825,204 3,495,189 1,486,233 55,378,769
Total sales		84,019,041		90,026,801
Block for resale	-	293,728	-	81,339
Total electricity supply revenue		84,312,769		90,108,140
OTHER PROGRAMS				
Illegal uses		492,359		481,175
Measurement failure		672,430		96,702
Billing error	-	116,916	_	204,387
Total income obtained from other programs		1,281,705	_	782,264
Total revenue from the sale of electricity		85,594,474		90,890,404
Other income	-	1,391,960	_	1,616,659
Total revenue from the sale of electricity	<b>\$</b> _	86,986,434	\$	92,507,063

# 19. Standards issued but not yet effective

The following are recent changes to the International Financial Reporting Standards (IFRS) issued by the International Accounting Standards Board (IASB), which require to be applied after accounting periods starting on January 1, 2021, which are described below:

Modifications to References to the Conceptual Framework in IFRS Standards

The objective is to provide the IASB with the complete set of standard setting tools. It covers all aspects of standard setting, from the objective of financial reporting, to presentation and disclosures.

- Definition of Business (Amendments to IFRS 3)

Criteria are added to the evaluation methodology to help determine whether an asset or a business is being acquired when investments are made.

Definition of Material (Amendments to IAS 1 and IAS 8)

The IASB has refined its definition of "material", issued practical guidance on the application of the concept of materiality and issued proposals focused on the application of materiality to disclosure of accounting policies.

IFRS 17 Insurance Contracts

IFRS 17 Insurance Contracts establishes a new comprehensive accounting model that provides users of financial information with a completely new perspective on the financial statements of insurers. The Company is evaluating the possible impact of the modifications on its financial statements. So far, no significant impacts are expected. The Company will evaluate the impact that these Financial Standards may have before they come into force.

The following modified standards and interpretations are not expected to have a significant impact on the Company's financial statements.

# 20. Subsequent events

# Fiscal impact of the new portfolio

Management of CFE is negotiating with the Ministry of Finance and Public Credit (SHCP) an official statement regarding taxation which would prevent taxation on the reorganization of the portfolio of the five generation EPS's published on the Official Gazzette of the Federation on November 29, 2019, as it occurred in the first portfolio assignment, since, among other issues, such reorganization seeks in first instance, correcting those organizational decisions that due to the Energy Reform functionally affected the productivity of the generation process. As of this date, the company is waiting for the opinion of SHCP.

# 21. Issuance of the condensed consolidated financial information

The condensed consolidated interim financial statements and notes will be approved by the Board of Directors. The Board of Directors has the power to amend the accompanying consolidated financial information. Subsequent events were considered as of April 29, 2021.